SRI VENKATESWARA
COLLEGE OF ENGINEERING AND TECHNOLOGY
Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

1.3.2 **List of Students Under taking Projects/mini project / Internship For the Academic Year 2022-2023**

Program Name: Master of Computer Applications

PROJECT BATCH LIST 2022-2023

S.NO	REGISTER NUMBER	STUDENTS NAME	PROJECT TITLE	NAME OF THE GUIDE
1.	112421622002	AKASH R	PARALIZED PEOPLE USING EYE BLINK DETECTION	P.KANIMOZHI/MCA/AP
2.	112421622003	AKSHYA V	E COMMERCE WEBSITE	P.KANIMOZHI/MCA/AP
3.	112421622006	ANUPRIYA R	PRICE COMPARISON BETWEEN E-COMMERCE WEBSITE	P.KANIMOZHI/MCA/AP
4.	112421622012	DHAN SHEKHAR B	EMPLOYE MANAGEMENT SYSTEM	P.KANIMOZHI/MCA/AP
5.	112421622014	DHIVYAPRIYA R	NOVEL ADDRESSING AND ROUTING	P.KANIMOZHI/MCA/AP
6.	112421622015	DINESH M	VOICE AND VIDEO CONFERENCING-MYSQL JAVA.	P.KANIMOZHI/MCA/AP
7.	112421622016	DIVIJA M	MOBILE APPLICATION FOR TOURISM	P.KANIMOZHI/MCA/AP
8.	112421622017	DIVYA S	SUPER MARKET BILLING SYSTEM USING PYTHON	P.KANIMOZHI/MCA/AP
9.	112421622018	FATHIMA S	PUBLIC DENSITIVE DATA AND SHARING FOR CLOUD STORAGE	P.KANIMOZHI/MCA/AP
10.	112421622020	GUNA K	HANDYMAN BOOKING FOR HOME SIDE CIVIL WORKS WITH GPS CIRCLE	P.KANIMOZHI/MCA/AP
11.	112421622021	HARIHARAN J	A RESPECTIVE FROM THE SMALL HOLDER SUPPLY CHAIN J2EE	P.KANIMOZHI/MCA/AP
12.	112421622024	IMMANUVEL S	DEMENTIA PREDICTION CLASSIFICATION TECNIQUE	P.KANIMOZHI/MCA/AP
13.	112421622026	JAYASURYA B	CLOUD COMPUTING ASSISTED BLOCK CHAIN ENABLED	P.KANIMOZHI/MCA/AP
14.	112421622029	JEEVITHA C	BREAST CANCER PREDICTION USING AI TECHNOLOGY	P.KANIMOZHI/MCA/AP
15.	112421622033	KAMATCHI M	A DETECTINGN SUSPICIOUS FILE AGGRIGATION REPLICATION IN THE CLOUD	P.KANIMOZHI/MCA/AP
16.	112421622034	KANISHKAR M	LIBRARY AND TRANSPORT SYSTEM DOCUMENT	P.KANIMOZHI/MCA/AP
17.	112421622036	KARTHICK S	CAB MANAGEMENT SYSTEM USING PYTHON	P.KANIMOZHI/MCA/AP
18.	112421622037	KAVI PRIYA S	VISUALIZING AND FORCASTING STOCKS	J.JEMI/MCA/AP
19.	112421622041	KOWSALYA R	MAKE MY DAY	J.JEMI/MCA/AP

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

20.	112421622042	KUMARI VN	STUDENT ACTIVITY RECOGNITION USING PYTHON	J.JEMI/MCA/AP
21.	112421622046	MANOJ J	SIGN LANGUAGE INTERPRETOR USING DEEP LEARNING	J.JEMI/MCA/AP
22.	112421622048	MONISHA V	GOOGLE PLAY STORE APP ANALYSIS	J.JEMI/MCA/AP
23.	112421622049	NALINI S	VEGETABLE SHOP MANAGEMENT SYSTEM	J.JEMI/MCA/AP
24.	112421622050	NARESH KUMAR P	HEART DESEASE PREDICTION USING ANN APPROACHIN WEB APPLICATION	J.JEMI/MCA/AP
25.	112421622051	NAVEEN B	CHATBOX SENSOR NETWORK ATTACK PREDICTION USING DJANGO FRAMEWORK	J.JEMI/MCA/AP
26.	112421622052	NAVEEN KUMAR S	ECOMMERCE WITH DELIVERY MANAGEMENT	J.JEMI/MCA/AP
27.	112421622053	NAVEEN KUMAR V	WIRELESS SENSORN NETWORK ATTACK PREDICTION USING AI	J.JEMI/MCA/AP
28.	112421622055	NIVEDETHA S R	REAL TIME AUTOMATIC LICENSE PLATE	J.JEMI/MCA/AP
29.	112421622059	PARTHIBAN G	FULL STACK DYNAMIC SYSTEM USING PDO	J.JEMI/MCA/AP
30.	112421622060	PARTHIBAN G R	FACE RECOGINITION ATTEDENCE SYSTEM	J.JEMI/MCA/AP
31.	112421622062	POOJA M	REVERSIBLE DATA HIDING IN ENCRYPT IMAGES	J.JEMI/MCA/AP
32.	112421622067	PRASANNA K	OPTIMIZA TREATMENT STRATEGIES PARTICULAR OF COVID PATIENCE	J.JEMI/MCA/AP
33.	112421622068	PRASANTH V	EDUCATION LOAN MANAGEMENT SYSTEM	J.JEMI/MCA/AP
34.	112421622069	PREETHI S	HOTEL MANAGEMENT SYSTEM USING PHP	N.JAYAKUMARI/MCA/AP
35.	112421622071	PRIYANKA P	LIVER DETECTION USING NEURAL NETWORK	N.JAYAKUMARI/MCA/AP
36.	112421622077	REETHIKA E	AMAZON STOCK PRICE PREDICTION USING AI	N.JAYAKUMARI/MCA/AP
37.	112421622078	ROKITH K	BUSSINESS INTELLIGENT IN DATA ANALYSIS	N.JAYAKUMARI/MCA/AP
38.	112421622080	SANDHIYA M	CHRONIC KIDNEY DISEASE COST USING ML	N.JAYAKUMARI/MCA/AP
39.	112421622085	SANTHOSH KUMAR S	UNITY GAME FOR MALE AND FEMALE FOR MULTIPLE SPARKS	N.JAYAKUMARI/MCA/AP
40.	112421622087	SARAVANAN D	IMAGE PRUNING USING BELIEF PROPAGATION	N.JAYAKUMARI/MCA/AP
41.	112421622089	SATHISH KUMAR V	ADVANCE LICENSE PLATE RECOGNIZED SYSTEM	N.JAYAKUMARI/MCA/AP
42.	112421622090	SELVA I	PURCHASE TO BUYER ITEM	N.JAYAKUMARI/M

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

			EXCHANGING ON THE WEB APPLICATION	CA/AP
43.	112421622091	SINDHU S	CROSS DATABASE MIRCO EXPRESSION RECOGNITION AND BENCH MARK	N.JAYAKUMARI/MCA/AP
44.	112421622092	SRIKANTH R	ONLINE BOOK STORE WEB SITE	N.JAYAKUMARI/MCA/AP
45.	112421622093	SUMAN D	DATA TRUST FRAMEWORK USING BLOCKCHAIN TECHNOLOGY	N.JAYAKUMARI/MCA/AP
46.	112421622097	TAMIL SELVAN K	COMPANY DEPARTMENT DAILY EXPENSE STAFF USING MAIL	N.JAYAKUMARI/MCA/AP
47.	112421622098	TOKKIYO M	HUMAN STRESS DETECTION AND THROUGTH SLEEP BY USING AI	N.JAYAKUMARI/MCA/AP
48.	1124216220100	VALARMATHI K	VEHICLE SERVICE MANAGEMENT SYSTEM USING PHP AND MYSQL	N.JAYAKUMARI/MCA/AP
49.	112421622101	VALLARASU V	HOSPITAL MANAGEMENT SYSTEM	N.JAYAKUMARI/MCA/AP
50.	112421622103	VEERA VAGHU A	GHRAPHICAL AUTHENTICATION SYSTEM CONVERTED	N.JAYAKUMARI/MCA/AP
51.	112421622104	VENKATESAN K	AN APPLICATION TO PREDICT SMOKER LUNG	N.JAYAKUMARI/MCA/AP
52.	112421622106	VIGNESH S	KEY PASSWORD PREDICTION MANAGER	N.JAYAKUMARI/MCA/AP
53.	112421622110	VIJAY GANESH R	REAL AND FACE NEWS CLASSIFICATION USING DATASCIENCE	N.JAYAKUMARI/MCA/AP
54.	112421622111	VINODHINI S	PLANT LEAF DICEASE DETECTION USING PYTHON	N.JAYAKUMARI/MCA/AP
55.	112421622113	VINOTH KUMAR M	TRAIN TIME DELAY DETECTION FOR HIGH SPEED	N.JAYAKUMARI/MCA/AP
56.	112421622115	YABESH P	PREDICTION OF HEALTH INSURANCE OF AI	N.JAYAKUMARI/MCA/AP

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

REAL AND FAKE NEWS CLASSIFICATION USING DATA SCIENCE PROCESS

by

R. VIJAY GANESH

(Registration number: 112421622110)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report **"REAL AND FAKE NEWS CLASSIFICATION USING DATA SCIENCE PROCESS"** is the bonafide work of **Mr. R.VIJAYGANESH Registration number: 112421622110),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.9.2023.....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

20.	Message		Message	Represents the message exchanged.

1. Abstract:

Digital media has become a significant factor in many person's day to day routine. Fake news is a story that has been created in an intention to distract or misguide the readers. Due to increase in the online social network development in the past few years due to different purposes fake news appear in large numbers and in the online world has a widespread. By these online fake news online social networks users can get effected easily Fake news have become a society problem, in some occasion spreading more and faster than the true information. A human being is unable to detect all these fake news. So there is a need for machine learning model that can detect these fake news automatically. Machine learning models are made to build using the algorithms so that it can classify whether a news is fake or not.

2. Existing System:

They propose a fake news detection multitask learning (FDML) model to improve performances of short fake news detection and topic classification. [illegible]. The FDML model was such that news with certain

VISUAL COMMUNICATION FOR PARALYZED PEOPLE USING EYE BLINK DETECTION

by

R. AKASH

(Registration number: 112421622002)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the

requirementsfor the award of

the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"VISUAL COMMUNICATION FOR PARALYZED PEOPLE USING EYE BLINK DETECTION"** is the bonafide work of **Mr.R. AKASH (Registration number: 112421622002)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degreeor award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04-09-2023

Internal Examiner

4/9/23

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209.5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

4.08.2023

TO WHOMSOEVER IT MAY CONCERN

his is to certify that Mr. **Akash R** student of "SRI VENKATESWARA COLLEGE OF ENGINEERING ND TECHNOLOGY" done her Final semester project in our organization (SUDHARSANAM IT CADAMY PVT LTD)

opic: **Visual Communication for Paralyzed People Using Eye Blink Detection**

e wish best of luck for their career

ir best Regards,

oject coordinator
845442597
UDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur Thiruvallur - 631 203

ABSTRACT

Motor Neuron Disease (MND) is a medical condition where the motor neurons of the patient are paralyzed, it is incurable. It also leads to weakness of muscles with respect to hand, feet or voice. Because of this, the patient cannot perform his voluntary actions and it is very difficult for the patient to express his needs as he is not able to communicate with the world. The proposed system detects the eye blink and differentiates between an intentional long blink and a normal eye blink. The proposed system can be used to control and Communicate with other people. The objectives of the system are: Capturing the frame from the video using the system's camera initializes the execution of the proposed system. We used the Python Library called OpenCV to capture the image of the patient, and we use the python language to do the Communication with paralyzed people using Eye Ball blinks.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

of messages between the muscles and the brain. The main objective is to design a real time interactive system that can assist the paralysis patients to control appliances such as lights, fans etc.

Conclusion:

Although blink detection systems exist for other purposes, an implementation of a blink detection system with the end use of controlling appliances has not been previously accomplished. While the system is intended to assist the paralyzed and physically challenged, it can definitely be used by all types of individuals. The main challenge involved in the implementation of the system is the development of a real time robust blink detection algorithm.

REFERENCES

[1]. Experimental results show that the proposed scheme can achieve much better eye blink detection.

[2]. Chinnawat Devahasdin Na Ayudhya, ThitiwanSrinark, A Method for Real-Time Eye Blink Detection and Its Application

[3]. Michael Chau and Margrit Betke,2005. Real Time Eye Tracking and Blink Detection with USB Cameras. Boston University Computer Science Technical Report No. 2005-12. Boston, USA.

E-COMMERCE WEBSITE

by

V.AKSHYA

(Registration number: 112421622003)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"E-COMMERCE WEBSITE"** is the bonafide work of **Ms.V.AKSHYA (Registration number: 112421622003)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ....4/09/2023.....

Internal Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

4/9/25

External Examiner

Global Techno Solutions

Solutions unlimited

30/01/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Miss. V.AKSHYA (Reg. No.112421622003)** final year MCA (Computer Application) student of Sri Venkateswara College of Engineering and Technology, Thiruvallur, has successfully completed his project work titled

" E-commerce website" during 01st June 2022 to 30th January 2023 (Except Sundays and Holidays) in our organization.

We wish him all success for his future endeavors.

For Global Techno Solutions

Jeya Gopi.D
H.R. Manager

Global Techno Solutions ★ Chennai ★

SRI VENKATESWARA COLLEGE OF ENGG AND TECH ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The business-to-consumer aspect of electronic commerce (e-commerce) is the most visible business use of the World Wide Web. The primary goal of an e-commerce site is to sell goods and services online. This project deals with developing an e-commerce website for Online Book Sale. It provides the user with a catalog of different books available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user.

The system is implemented using a 3-tier approach, with a backend database, a middle tier of Microsoft Internet Information Services (IIS) and ASP.NET, and a web browser as the front end client. In order to develop an e-commerce website, a number of Technologies must be studied and understood. These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as React js, programming language (such as Javascript).

This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application. This document will discuss each of the underlying technologies to create and implement an e-commerce website.

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

12.CONCLUSION

The internet has become a major resource in modern business, thus electronic shopping has gained significance not only from the entrepreneur's but also from the customer's point of view. For the entrepreneur, electronic shopping generates new business opportunities and for the customer, it makes comparative shopping possible. As per a survey, most consumers of online stores are impulsive and usually make a decision to stay on a site within the first few seconds. "Website design is like a shop interior. If the shop looks poor or like hundreds of other shops the customer is most likely to skip to the other site"[16]. Hence we have designed the project to provide the user with easy navigation, retrieval of data and necessary feedback as much as possible.

In this project, the user is provided with an e-commerce web site that can be used to buy books online. To implement this as a web application we used ASP.NET as the Technology. ASP.NET has several advantages such as enhanced performance.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

PRICE COMPARISON BETWEEN E-COMMERCE WEBSITES (AMAZON AND FLIPKART)

by

R.ANUPRIYA

(Registration number: 112421622006)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"PRICE COMPARISON BETWEEN E-COMMERCE WEBSITES (AMAZON AND FLIPKART)"** is the bonafide work of **Ms.RANUPRIYA (Registration number: 112421622006)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ...04/09/2023....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Abstract

To Sale or Buy any category of products, nowadays e-commerce platforms are most popular ways to simplify these two processes. To reach more customers, to promote or develop your own companies these two platforms are most preferable websites. Amazon Kindle is one of its most popular products as well as the Amazon app store. Lastly, Amazon offers software and infrastructure solutions for business and individuals.Flipkart Private Limited is an Indian e-commerce company, headquartered in Bengaluru. And Main scope of our project is to scrape Information from these Amazon and Flipkart Websites to compare the Price of the Products which sales on these two websites using web scraping technique. The main focus of this project is spotting the searching of Products which is available in amazon and flipkart websites tracking information from websites, however this can be applied compare the information on these two websites.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Conclusions

As data is needed by most companies doing business or other purposes, there has got to be simpler solution for crawling and extracting data. It is not possible for everyone to possess first-rate programming skills for web scraping.

Here's where companies that provide easy-to-use simple web scraping solutions and tools come into play. With a few clicks, you can extract and store data in a format of your choice! With a host of tools available for different web scraping purposes, it is up to the end user to decide which kind of tool to opt for.

Starting with a Chrome Extension to a sophisticated tool for easy extraction of bulk data, you can now utilize tools that fit your scheme of things. In all, the use of web scraping tools is set to grow many times in the future, sooner rather than later.

As we go forward, marketing will become an even more competitive exercise. Those who wish to arrive at a suitable marketing strategy will need to derive deeper insights regarding the market and base their marketing decisions more on data than other aspects.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College o.
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

WIRELESS SENSOR NETWORK ATTACK PREDICTION USING AI

by
NAVEEN KUMAR .V

(Registration number: 112421622053) of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT submitted

to the

CULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the

requirements for the award of the

degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"WIRELESS SENSOR NETWORK ATTACK PREDICTION USING AI"** is the bonafide work of **Mr.V.NAVEEN KUMAR (Registration number: 112421622053)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04-09-2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

EDICTION OF WSN-D ATTACK USING DATASCIENCE TECHNIQUE

Abstract:

Wireless sensor network has attracted significant attention in research and levelopment due to its tremendous applications in medical, military and defence, nedical, environmental, industrial, infrastructure protection, and commercial pplications to enable to interact with each other controlled remotely. A Wireless Sensor Network (WSN) has wide applications such as environmental monitoring and racking of the target nodes for communication. The sensor nodes are equipped with vireless interfaces used for communication between the nodes and another network. Wireless Sensor Network suffers from many constraints that make security a primary challenge. When the sensor node is deployed in a communication environment inattended, the nodes are vulnerable to various attacks. The analysis of dataset by supervised machine learning technique(SMLT) to capture several information's like, variable identification, univariate analysis, bivariate and multivariate analysis, missing value treatments etc. A comparative study between machine learning algorithms had been carried out in order to determine which algorithm is the most accurate in predicting the type WSN attacks. The results show that the effectiveness of the proposed machine learning algorithm technique can be compared with best accuracy, precision, Recall, F1 Score, Sensitivity, and Specificity.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

A Novel Addressing and Routing Architecture for Cloud-Services Data-center Networks

by

R.DHIVYA PRIYA

(Registration number: 112421622014)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPT-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

he project entitled **"A Novel Addressing and Routing Architecture for Cloud-Services Data center Networks "**

developed using Active Server Page.DATA center network (DCNS) play a key role autiful End.DCN growing sharply slowly Management who are facing problems with the rent manual work of A Novel addressing for cloud service. This application will help admin save their time and maintain bus. Initially uses need to register with the application by mitting their details through online. The administrator will verify the bus details. This project s to provide an effective solution for maintaining (DCN)with regular topological. The system logins, one for admin. This system was nded to develop an application to perform functionalities like accessing the basic information authentication. (DCN) table-lookup operation is helpful as it reduces the project work, time umption and makes the process of getting bus pass in simple and faster way. User can refill account and extend the validity every time when the pass expires. Admin view all users' details and balance through its login. This project was created to provide reliable, time-saving, efficient, comfortable and affordable" services for people is seen as ng,although the cost for (PSRA)has been substantial. It is heavily subsidized by the rnment and is reportedly in the red, like most of India's state run road transport undertakings. use of the drawbacks that are present in the existing system, we got this idea that would help le in a better way. As per the previous system people had to do each and every process ually, but this system helps people to make the work a bit faster.Furthermore, customers no to pay cash to buy bus ticket because they can pay the online ticket by using Credit Card Master Card, Visa Card).

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

he project entitled "A Novel Addressing and Routing Architecture for Cloud-Services Data center Networks"

developed using Active Server Page.DATA center network (DCNs) play a key role autiful End.DCN growing sharply slowly Management who are facing problems with the rent manual work of A Novel addressing for cloud service. This application will help admin save their time and maintain bus. Initially uses need to register with the application by mitting their details through online. The administrator will verify the bus details. This project s to provide an effective solution for maintaining (DCN)with regular topological. The system logins, one for admin. This system was nded to develop an application to perform functionalities like accessing the basic information authentication. (DCN) table-lookup operation is helpful as it reduces the project work, time sumption and makes the process of getting bus pass in simple and faster way. User can refill account and extend the validity every time when the pass expires. Admin view all users' details and balance through its login. This project was created to provide :, reliable, time-saving, efficient, comfortable and affordable" services for people is seen as ng.although the cost for (PSRA)has been substantial. It is heavily subsidized by the rnment and is reported in the red, like most of India's state run road transport undertakings. use of the drawbacks that are present in the existing system, we got this idea that would help le in a better way. As per the previous system people had to do each and every process ually, but this system helps people to make the work a bit faster.Furthermore, customers no to pay cash to buy bus ticket because they can pay the online ticket by using Credit Card Master Card. Visa Card).

SHRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

VOICE CHAT AND VIDEO CONFERENCING

by

M.DINESH

(Registration number: 112421622015)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-20

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thiruporur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thiruporur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"VOICE CHAT AND VIDEO CONFERENCING"** is bonafide work of **Mr. M.DINESH** **(Registration number: 112421622015)**, who carried out research under my supervision. Certified further that to the best of my knowledge the work orted here in does not from part of any other project report or dissertation on the basis of which a ree or award was conferred on an earlier occasion on this or any other candidate.

ernal Guide

Head of the Department

omitted to Project and Viva - Voce Examination held on ..4..Sep..2023..

ternal Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

4/9/23

External Examiner

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

um up, the at most priority must be given to the definition of the problem statement of the project to be ertaken. So, the project is a set of file related with each other developed by the creators of the system to mplish a specific purpose. Our purpose is to design project for "VOICE CHATTING & VIDEO CONFERENCING".

As the name suggests, our project is based on audio/video transmission & reception. Through our application or more persons in an intranet can Chat with one another & they can have Video Conferencing also.

It is a Client-Server type application in which the Server handles all the traffic. The person (from one of the puters in the network) who wants to have chat or conferencing with another person requests to Server & after ptance of request they can have successful chat or conferencing. The Server (which is a person indeed) can also Voice Chatting or Conferencing with the clients.

Our application is programmed in Java programming language. The other tools that we've used to build our cation are **JDK1.6** (Java Development Kit) , **JMF 2.0** (Java Media Framework) and **RTP** (Real-time transport ocol).

JMF is a package that is used to develop software's related to audio & video. It enables to capture media data io/video) & to transmit to target device. RTP is the protocol designed to handle Real-Time traffic on the net/internet that lies between UDP & application program used with UDP.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Test Cases:

Test cases are derived to ensure that all statements in the program have been executed at least once during testing and that all logical conditions have been executed.

Using White-Box testing methods, the software engineer can drive test cases that

- Guarantee that logical decisions on their true and false sides.
- Exercise all logical decisions on their true and false sides.
- Execute all loops at their boundaries and with in their operational bounds.
- Exercise internal data structure to assure their validity.
- The test case specification for system testing has to be submitted for review before system testing commences.

CONCLUSION AND FUTURE SCOPE

Conclusion:

No matter what the size of the organization is. Clear concise and effective communication is what the requirement of every project is so that it can be completed properly and delivered timely. A Study suggests that visual memories are the strongest memories, and sanely visuals are faster to process compared to any audio or text, as it takes a little sense of personalization in it. Video conferencing effectively initiates quality communication and enhances the degree of understanding.

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

MOBILE APPLICATION FOR TOURISM

by

DIVIJA M

(Registration number: 112421622016)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI - 600 025

SEPTEMBER - 2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"MOBILE APPLICATION FOR OURISM"** is the bonafide work of **MS.DIVIJA M (Registration number: 12421622016)**, whocarried out the research under my supervision. Certified further iat to the best of my knowledge the work reported here in does not from part of any ther project report or dissertation on the basis of which a degree or award was onferred on an earlier occasion on this or any other candidate.

iternal Guide

Head of the Department

ubmitted to Project and Viva - Voce Examination held on 04-09-2023

iternal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

UDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR 602 001
044-27663482,9500210352

.2023

TO WHOMSOEVER IT MAY CONCERN

to certify that Miss. **Divija M** student of "SRI VENKATESWARA COLLEGE OF IEERING AND TECHNOLOGY" done her Final semester project in our organization IARSANAM IT ACADAMY PVT LTD)

Mobile Application For Tourism

ish best of luck for their career

best Regards,

t coordinator
42597
ARSANAM IT ACADAMY PVT LTD

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

Mobile Application for Tourism

bstract

The rapid deployment of mobile computing technologies has enormous ıtential to provide access to various services at any time and from anywhere. ıe mobile phone provides wider functionality than a simple call. It accesses ıplications and services via an Internet connection or by building stand-alone ıplications. Mobile devices contribute to the development of tourism by allowing the ıer to access Internet content or specific tourist information from an installed mobile ıplication.

Existing tourism applications use the latest technology to improve quality, with e goal of meeting the specific user requirements. In this paper we examine potential mobile devices for tourism, the benefits they bring. Some practices for developing urism mobile applications are described.

The importance of information technology in tourism, especially mobile devices ıd their technologies, has increased significantly over the last few years and this ınd will certainly continue. Technological innovation in the sector shows high ınamism and flexibility, similar to the current trends in the world tourism market. obile devices have the potential to have significant impacts on the tourism industry.

The widespread deployment and continued enhancement of mobile ırformance and capabilities have led to the development of specific applications that ake travelers feel free to travel according to access to specific information and ırvices. It is key to properly approach the development of mobile applications ısts, opportunities to operate on a wider range of devices, and account for the specific ıeds of users.

In tourism mobile devices are used mainly for information, reservation and ıyment. Relevant applications are developed for them by the providers of tourism rvices. The constant contact with the tourist turns in a leading advantage of the obile dev[illegible]. As a re[illegible], bids to it are customized, targeted, and directly served with ıps.

4. THE CONCLUSION

This application was successfully created and stored all the travel admin tourism packages booking, creation managing and tour details into the database using this application.

The application was tested very well and the errors were properly debugged.

Testing also concluded that the performance of the system is satisfactory. All the necessaryoutput is generated.

This system thus provides an easy way to automate all the functionalities of consumption.

If this application is implemented in few consumption, it will be helpful. Further enhancements can be made to the project, so that the application functions in a very attractiveand useful manner than the present one.

It is concluded that the application works well and satisfy theneeds. The application is testedvery well and errors are properly debugged. It also acts as the sharing of files to the valuableresources.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin - 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SIGNATURE BASED PUBLIC SENSITIVE DATA SHARING FOR CLOUD STORAGE

by

S.FATHIMA

(Registration number: 112421622018)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"SIGNATURE BASED PUBLIC SENSITIVE DATA SHARING FOR CLOUD STORAGE"** is the bonafide work of **Miss. S.FATHIMA (Registration number: 112421622018),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04/09/2023

Internal Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

External Examiner

4/9/23

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SPIRO PRIME TECH SERVICES

10.08.2023

To Whomsoever It May Concern

This is to certify that **Ms. FATHIMA. S (Reg No: 112421622018)**, a student of final M.C.A., of **"SRI VENKATESWARA COLLEGE OF ENGINEERING AND HNOLOGY"** has completed her major project with great success at our concern, under the **"SIGNATURE BASED PUBLIC SENSITIVE DATA SHARING FOR CLOUD RAGE"** from **FEBRUARY 2023** to **AUGUST 2023.**

Her project is found to be relevant regarding her stream and she had submitted a of the project report to us. During her Project period we found her sincere & hard working ssessing a good behaviour and a moral character.

We wish her grand success in future endeavours.

SPIRO PRIME TECH SERVICES,

SPIRO PRIME TECH SERVICES
NO.70, 3rd Floor, Usman Road, T.Nagar.

SAMPATH KUMAR
ANAGER

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

ABSTRACT

To ensure information security, the information proprietor necessities to check the respectability of information put away somewhat in the server with the public examining method. Notwithstanding, the evaluation result will be invalid assuming the information has been adjusted progressively in the course of information anonymization while sharing information with other people with delicate data. In existing arrangements, an information sensitive is expected to anonymize the information and change the mark. Notwithstanding, such information sensitive data present new security chances, and the static unknown procedure isn't adaptable to various application situations. Subsequently, we propose another plan in light of the redactable signature. In our proposed plot, the server can change the mark straightforwardly without the extra sanitizer while sharing delicate information. The marked change doesn't impact the trustworthiness checking of the put-away information. The mark not exclusively can be utilized to validate the wellspring of sharing information, yet can likewise be used to take a look at the trustworthiness of the put-away information in the cloud. Both the security confirmation and exploratory examination show that our proposed plot is secure and more effective than the current plans.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

CHAPTER 8

CONCLUSION

Data sensitivity concerns information that should be protected from unauthorized access or disclosure due to its sensitive nature. For some, that might be Team leader, Staff details records. Sensitive data is confidential information that must be kept safe and out of reach from all outsiders unless they have permission to access it. Access to sensitive data should be limited through sufficient data security and information security practices designed to prevent.

FUTIRE ENHANCEMENTS

1. Implementing a real-world anonymous database system.
2. Improving the efficiency of protocols, in terms of number of messages exchanged and in terms of their sizes, as well.
3. Implement using two are more algorithms.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

HANDYMAN BOOKING FOR HOME SIDE CIVIL WORKS WITH GPS CIRCLE

by

K.GUNA

(Registration number: 112421622020)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTEOFCOMPUTERAPPLICATIONS
ANNAUNIVERSIT
CHENNAI-600025
SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled " **HANDYMAN BOOKING FOR HOME SIDE CIVIL WORKS WITH GPS CIRCLE**" is the bonafide work of **Mr. K.GUNA (Registration number: 1124146212020)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.09.2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

VILCREW

te: 19.06.2023

ice Mylapore

TO WHOMSOEVER IT MAY CONCERN

his is to certify that **GUNA.K** REG NO: **112421622020** MCA Final year student of " SRI VENKATESWARA OLLEGE OF ENGINEERING & TECHNOLOGY, THIRUPACHUR" has done project work in the ompany on " **HANDYMAN BOOKING FOR HOME SIDE WORKS USING CODEIGNITER FRAMEWORK** " under e guidance of Mr. S.RAJU Technical support, CIVIL CREW PVT. LTD., MYLAPORE towards the lfillment of the award of "Master of Computer Applications" during the period February 2023 to June 023

SRI VENKATESWARA COLLEGE OF ENGG. & TECH. Thirupachur Pin : 631 203

egards,

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Civil Crew Pvt. Ltd.

Handyman booking for home side civil works with GPS circle

Abstract: Handyman application is a Web application that provides a quick and reliable means of contacting artisan for jobs which aids maximum satisfaction. The aim of this project is to find an effective way to create a web version of a handyman for use with oyo community as a case study. Research was conducted through interviewing both the people of oyo and the artisans, putting 4 major artisans into consideration. HTML was used for Codeigniter was used as database to store data of various artisan , this information was deployed, installed and implemented on an android mobile phone. The completed application saves time, energy, cost of maintenance of the system as well as create a conducive atmosphere

EXISTING WEB APPLICATIONS:

For a technical aspect, web Apps can be divided by the runtime environment they are executed: operating systems, such as Symbian, Windows Mobile and Linux. Mobile Web/browser runtimes, such as Webkit, Mozilla/Firefox, Opera Mini and RIM. Other managed platforms and virtual machines, such as Java/J2ME, BREW, FlashLite and Silverlight.

PROPOSED SYSTEM:

The technological capability of the mobile phone is fast evolving and its ease of use has helped with making life a lot better for the community. The need to make life much easy in the aspect of finding a handyman has brought about the merging of technology with special skills thus the introduction of a mobile handyman application. Handyman is a person skilled at a wide range of repairs, typically home; a handyman describes a paid worker, but it also includes non-paid homeowners or do-it-yourselfers. Tasks range from minor to major, from unskilled to highly skilled, these task include trade skills, repair work, maintenance work, both interior and exterior, and are sometimes described as "odd jobs", "fix-up tasks", and include light plumbing jobs such as fixing a leaky toilet or light electric jobs such as changing a light fixture

Modules:

1. **Login**
2. **Register**
3. **Search Handyman List.**
4. **Handyman List.**
5. **Booking Form.**

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 20

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH.
Thirupachur
Pin : 631 203

CONCLUSION:

This is my first attempt in developing a Web application which gave me a basic understanding of development and challenges of Web application development. The main aim of the project is to provide an easy to shopping in market. The application has been implemented and tested on real devices.

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.

A PERSPECTIVE FROM THE SMALLHOLDER FARMER IN SUSTAINABLE SUPPLY CHAINS

by

J.HARIHARAN

(Registration number: 112421622021)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"A PERSPECTIVE FROM THE SMALLHOLDER FARMER IN SUSTAINABLE SUPPLY CHAINS"** is the bonafide work of **Mr.J.HARIHARAN (Registration number: 112421622021)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.09.2023...

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

INFOSOFT
TECHNOLOGIES PVT LTD

24.08.2023

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Mr. HARIHARAN J (Reg No: 112421622021)** a student of **MCA.,(COMPUTER APPLICATION)** from **"SRI VENKATESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY"**, has successfully completed his **"INTERNSHIP PROGRAMME"** from **MARCH 2023** to **AUUGUST 2023** under the technology of **"JAVA"** in our company. During the period of his internship program with us he was found to be punctual, hardworking and inquisitive.

We wish him grand success in future endeavors.

For A7 INFOSOFT TECHNOLOGIES PVT LTD,

A7 INFOSOFT TECHNOLOGIES PVT. LTD. CHENNAI 600 040 ANNA NAGAR

AJMAL JAVED

MANAGER

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The vocation of smallholder ranchers in arising economies' cocoa production network is unacceptable as a result of misrepresentation, double-dealing, debasement, duplicity, kid work, and monetary rejection, typically executed by persuasive entertainers. This present circumstance makes a social manageability issue which needs dire consideration. Blockchain can settle the failures, intricacies, and other social issues of smallholder ranchers in the production network. Production network is an organization of provider, assembling, dissemination, and coordinated factors offices. This application associates the ranchers with retailers and buyers. Rancher can passage their item subtleties and proprietors and buyers can check buy relies upon their desires. Calculated assistance is discretionary for proprietors and purchasers. Since, there is no stockroom upkeep, direct conveyance to them. This sort of execution decrease the vulnerability along chain, limit delays. wipe out rush exercises, offer great types of assistance.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

FUTIRE ENHANCEMENTS:

1. Implementing a real-world database system.
2. Improving the efficiency of protocols, in terms of number of messages exchanged and in terms of their sizes, as well.
3. Implement using two are more algorithms.

CONCLUSION:

We have proposed for real-time provisioning in cloud-based industrial applications. It aimed at getting an optimized execution cost dynamically with the consideration of user-defined security configuration constraints.in this process picker hub recive the client parcel and send delivery address everything is monitoring in and finally branch manager send the daily picking parcal and delivery in branch hub every details to send the head office. The branch manager report will be send secure the head office . Report will be encrypted first using AES algorithm.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

DEMENTIA PREDICTION BY USING CLASSIFICATION TECHNIQUES

by

S.IMMANUVEL

(Registration number : 312421622024)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"DEMENTIA PREDICTION BY USING CLASSIFICATION TECHNIQUES"** is the bonafide work of **Mr.S.IMMANUVEL (Registration number: 112421622024),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04:09:2023

Internal Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

External Examiner

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

INFOSOFT
TECHNOLOGIES PVT LTD

24.08.2023

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Mr. IMMANUVEL S (Reg No: 112421622024)** a student of **MCA., (COMPUTER APPLICATION)** from **"SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY"**, has successfully completed his **"INTERNSHIP PROGRAMME"** from **MARCH 2023** to **AUGUST 2023** under the technology of **"PYTHON"** in our company. During the period of his internship program with us he was found to be punctual, hardworking and inquisitive.

We wish him grand success in future endeavors.

For A7 INFOSOFT TECHNOLOGIES PVT LTD,

AJMAL JAVED

MANAGER

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

A7 INFOSOFT TECHNOLOGIES PVT. LTD. CHENNAI 600 040 ANNA NAGAR

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

5/58, RANGAMANNAR STREET, ANNA NAGAR, CHENNAI – 600 040.
Mobile – 875 4533 313. Mail Id - hr@a7infosoft.com, www.a7infosoft.com

ABSTRACT

Dementia is a medical disorder in which the blood arteries in the brain are ruptured, causing damage to the brain. When the supply of blood and other nutrients to the brain is interrupted, symptoms might develop. According to the World Health Organization (WHO), Dementia is the greatest cause of death and disability globally. Early recognition of the various warning signs of a Dementia can help to reduce the severity of the Dementia. Different machine learning (ML) models have been developed to predict the likelihood of a Dementia occurring in the brain. The dataset used in the development of the method was the open-access Dementia Prediction dataset. The analysis of the dataset by supervised machine learning technique (SMLT) to capture several information like, variable identification, univariate analysis, bi-variate and multi-variate analysis, missing value treatments and analyze the data validation, data cleaning/preparation, and data visualization will be done on the entire given dataset. Additionally, to compare and discuss the performance of various machine learning algorithms from the given hospital dataset with an evaluation classification report, identify the confusion matrix and to categorizing data from priority and the result shows that the effectiveness of the proposed machine learning algorithm technique can be compared with the best accuracy with precision, Recall and F1 Sco

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

28. Conclusion:

After the literature survey, we came to know various pros and cons of different research papers and thus, proposed a system that helps to predict brain Dementias in a cost effective and efficient way by taking few inputs from the user side and predicting accurate results with the help of trained Machine Learning algorithms. Thus, the Brain Dementia Prediction system has been implemented using the given Machine Learning algorithm given a Best accuracy.The system is therefore designed providing simple yet efficient User Interface design with an empathetic approach towards their users and patients.

29. Future Work:

- The added background knowledge from other datasets can also possibly improve the accuracy of Dementia prediction models as well.
- We intend to collect our institutional dataset for further benchmarking of these machine learning methods for Dementia prediction.
- We also plan to perform external validation of our proposed method, as a part of our upcoming planned work.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Cloud Computing Assisted Block Chain-Enabled Internet of Things

by

B.JAYASURYA

(Registration number: 112421622026)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPT-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

ertified that the project report titled "**Cloud Computing Assisted Block Chain-Enabled Internet of Things**"

is the bonafide work of **Mr. BJAYASURYA (Registration number: 2421622026)**, who carried out the research under my supervision. Certified further that he best of my knowledge the work reported here in does not from part of any other oject report or dissertation on the basis of which a degree or award was conferred on an lier occasion on this or any other candidate.

ternal Guide

Head of the Department

ubmitted to Project and Viva - Voice Examination held on 04/09/2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The project entitled "**Cloud Computing Assisted Block Chain-Enabled Internet of Things**

is developed using Active Server Page.Net as Front end and IOT Server as back end. Beautiful nd cloud computing assisted block chain-enabled internet of things for Management who are icing problems with the current manual work of cloud computing Assisted. This application ill help admin to save their time and maintain bus. Initially uses need to register with the pplication by submitting their details through online. The administrator will verify the bus etails. This project aims to provide an effective solution for maintaining cloud computing ssisted Block Chain-Enabled Internet of Things. The system has logins, one for admin. This ystem was tended to develop an application to perform functionalities like accessing the basic information r authentication. Online block-chain to solve complicated puzzles is helpful as it reduces the roject work, time consumption and makes the process of getting bus pass in simple and faster ay. User can refill their account and extend the validity every time when the pass expires. dmin in view all users' details and balance through its login. This project was created to provide afe, reliable, timeserving, efficient, comfortable and affordable" services for people is seen as aving,although the cost for providing this service has been substantial. It is heavily subsidized y the government and is reportedly in the red, like most of India's state run road transport ndertakings. Because of the drawbacks that are present in the existing system, we got this idea hat would help people in a better way. As per the previous system people had to do each and very process manually, but this system helps people to make the work a bit faster.Furthermore, ustomers no need to pay cash to buy bus ticket because they can pay the online ticket by using redit Card (e.g. Master Card, Visa Card). Hence, there is a need of reformation of the system vith more advantages and flexibility. The internet of things and Booking System eliminate most f the limitations of the existing software.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

28. Conclusion:

After the literature survey, we came to know various pros and cons of different research papers and thus, proposed a system that helps to predict brain Dementias in a cost effective and efficient way by taking few inputs from the user side and predicting accurate results with the help of trained Machine Learning algorithms. Thus, the Brain Dementia Prediction system has been implemented using the given Machine Learning algorithm given a Best accuracy.The system is therefore designed providing simple yet efficient User Interface design with an empathetic approach towards their users and patients.

29. Future Work:

- The added background knowledge from other datasets can also possibly improve the accuracy of Dementia prediction models as well.
- We intend to collect our institutional dataset for further benchmarking of these machine learning methods for Dementia prediction.
- We also plan to perform external validation of our proposed method, as a part of our upcoming planned work.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BREAST CANCER PREDICTION USING AI TECHNOLOGY

By

JEEVITHA.C

(Registration number: 112421622029)

Of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

Submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

In partial fulfillment of the requirements

For the award of the degree

Of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled "BREAST CANCER PREDICTION USING AI TECHNOLOGY" is the bonafide work of SOUJEEVITHA.C (Registration number: 312421622029), who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 14.09.2023

Internal Examiner

External Examiner

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thiruvallur - 631 203

ABSTRACT

Breast cancer can occur in women and rarely in men. Symptoms of breast cancer include a lump in the breast, bloody discharge from the nipple, and changes in the shape or texture of the nipple or breast. Its treatment depends on the stage of cancer. It may consist of chemotherapy, radiation, hormone therapy, and surgery. It associates many risk factors in Breast cancer and a need of time to get accurate, reliable, and sensible approaches to make an early diagnosis to achieve prompt management of the Cancer. Data mining is a commonly used technique for processing enormous data in the healthcare domain. Researchers apply several data mining and machine learning techniques to analyze huge complex medical data, helping healthcare professionals to predict Breast cancer. The proposed method is to build a machine learning model capable of classifying a person has Breast cancer or not. Different algorithms are compared and the best model is used for predicting the outcome.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

INFOSOFT
TECHNOLOGIES PVT LTD

26.08.2023

To Whomsoever It May Concern

This is to certify that **Ms. JEEVITHA C (Reg No: 112421622029)**, a student of final year **MCA** of **"SRI VENKATESHWARA COLLEGE OF ENGINEERING &TECHNOLOGY"** has completed her major project with great success at our concern, under the Title: **"BREAST CANCER PREDICTION USING AI TECHNOLOGY"** from **MARCH 2023** to **AUGUST 2023.**

Her project is found to be relevant regarding her stream and she had submitted a copy of the project report to us. During her Project period we found her sincere & hard working & possessing a good behaviour and a moral character.

We wish her grand success in future endeavours.

For A7 INFOSOFT TECHNOLOGIES PVT LTD,

AJMAL JAVED

MANAGER

A7 INFOSOFT TECHNOLOGIES PVT. LTD. CHENNAI 600 040 ANNA NAGAR

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

CHAPTER 6

Conclusion:

The analytical process started from data cleaning and processing, missing value, exploratory analysis and finally model building and evaluation. The best accuracy on public test set is higher accuracy score will be find out. This application can help to find the Prediction of breast cancer disease.

DETECTING SUSPICIOUS FILE MIGRATION OR REPLICATION IN THE CLOUD

by

M.KAMATCHI

(Registration number: 112421622033)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"DETECTING SUSPICIOUS FILE MIGRATION OR REPLICATION IN THE CLOUD"** is the bonafide work Of **Miss. KAMATCHI M (Registration number: 112421622033),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on .04.09.2023....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

INFOSOFT
TECHNOLOGIES PVT LTD

24.08.2023

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Ms. KAMATCHI M (Reg No: 112421622033)** a student of **MCA., (COMPUTER APPLICATION)** from **"SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY"**, has successfully completed her **"INTERNSHIP PROGRAMME"** from **MARCH 2023** to **AUGUST 2023** under the technology of **"JAVA"** in our company. *During the period of her internship program with* us she was found to be punctual, hardworking and inquisitive.

We wish her grand success in future endeavors.

For A7 INFOSOFT TECHNOLOGIES PVT LTD,

AJMAL JAVED

MANAGER

A7 INFOSOFT TECHNOLOGIES PVT. LTD. CHENNAI 600 040 ANNA NAGAR

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

This guides in refining any association's security strategy because of identification of weaknesses, and ensures that the safety efforts taken really gives the assurance that the association expects and requires. Chairman necessities to perform weakness which assists them with uncovering deficiencies of organization security that can prompt gadget or data being compromised or obliterated by takes advantage of. These results are commonly heterogeneous which makes the further examination a difficult errand. Ordinary client organization might give the way to unapproved individuals to access as an approved specialists. Whenever, clients step into online organizations, without realizing them outsider or some other unsafe individual checking their way of behaving. Give the security from malevolent movement, administrator or approved individual likewise check the client organizations, for example, IP address and email.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

information ...

CONCLUSION:

We imagine two examination fronts for future work. One is to extend our methods to lessen bunch estimates considerably more, e.g., planning new calculations for picking focuses for harming, and involving BGP people group for controlling commodity strategies (and impact steering choices) on remote organizations. Another is to grow the framework to permit distinguishing proof of wellsprings of parodied traffic during DDoS assaults, e.g., by (I) mutually enhancing for group size and traffic volume, giving higher utility to diminishing the size of bunches deduced to send more ridiculed traffic; and (ii) further developing existing catchment expectation strategies [18] to permit age of declaration designs without earlier information and lessening the requirement for estimating catchments ahead of time.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

LIBRARY AND TRANSPORT SYSTEM DOCUMENT USING CODEIGNITER AND COMPOSER

by

KANISHKAR.M

(Registration number: 112421622034)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"LIBRARY AND TRANSPORT SYSTEM DOCUMENT USING CODEIGNITER AND COMPOSER"** is the bonafide work of **Mr.M.KANISHKAR(Registration number: 112421622034),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide **Head of the Department**

Submitted to Project and Viva - Voce Examination held on 4/9/23

Internal Examiner **External Examiner**

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

4/9/23

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SLASHDOT INFOTECH

Date: 30.06.2023
Place: Avadi

TO WHOMSOEVER IT MAY CONCERN

This is to certify that**KANISHKAR M**REG NO: **112421622034**MCA Final year student of "SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY, THIRUPACHUR" has done project work in the company on **"LIBRARY AND TRANSPORT SYSTEM DOCUMENT USING CODEIGNITER AND COMPOSER"** under the guidance of Mr. RAJI STechnical support, SLASHDOT INFOTECH PVT. LTD., AVADI towards the fulfillment of the award of "Master of Computer Applications" during the period March 2023 to June 2023

Regards,

SLASHDOT INFOTECH PVT. LTD.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

CHAPTER - 8

CONCLUSION

The main goal of this thesis was to explore the process of building a PHP and MySQL Library and transport System. The purpose of the study was to design a user view interface for the Library and transport System. The Library Management System was built on the basis of PHP development; this study reduced the development cost. The further operation and maintenance cost could be gained from advertising fees. As the project grows, more and more libraries will consider purchasing this system.

The financial benefit from the system will be much greater than the operation and maintenance costs. Besides, the system used a fully graphical interface, which fully considered the efficiency of managing system. This thesis was limited since Library and transport System will have a manager view interface.

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.

VISUALIZING AND FORECASTING STOCKS USING PYTHON

by

S KAVI PRIYA

(Registration number: 112421622037)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"VISUALIZING AND FORECASTING STOCKS USING PYTHON"** is the bonafide work of **Ms.S.KAVI PRIYA (Registration number: 112421622037),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

: abmitted to Project and Viva - Voce Examination held on ..04/09/2023..

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

24.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. **KAVI PRIYA S** student of "SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY" done her Final semester project in our organization (SUDHARSANAM IT ACADAMY PVT LTD)

Topic: **VISUALIZING AND FORECASTING STOCKS USING PYTHON**

We wish best of luck for their career

With best Regards,

M. G Venkat

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

Visualizing and forecasting Stocks using Python

Abstract:

For organizations that handle transactions involving consumer goods, an inventory management system is critical for quality control. A huge retail store could run out of supply of a critical item if inventory is not properly managed. When it's time to reorder, an effective inventory management system will notify the retailer. This inventory management system is also useful for tracking huge shipments automatically. Counting each pair of stocks by hand will almost certainly result in a mistake. An automated inventory management system can reduce the risk of human error.

An Inventory Management System also aids in the tracking of retail product theft, providing useful information regarding store revenues and the need for theft-prevention devices. Scanning a barcode on the item or a barcode scanner is how Automated Inventory Management Systems function. The central computer system then keeps track of this data.

The purchase order can also include a list of items that need to be pulled for packaging and shipping. In this situation, the Inventory Management System can perform a range of tasks. It can assist a warehouse worker in locating things on an order list, encoding shipment information such as tracking numbers and delivery addresses and removing purchased items from the inventory tally to maintain a correct count of in-stock items.

All of this information works together to give firms real-time inventory tracking data. The simple search in a database makes it easy to find and look at inventory information in real time.

Conclusion

To conclude, Inventory Management System is a simple desktop based application basically suitable for small organization. It has every basic items which are used for the small organization. Our team is successful in making the application where we canupdate, insert and delete the item as per the requirement. This application also provides a simple report on daily basis to know the daily sales and purchase details.

This application matches for small organization where there small limited of godwoms. Through it has some limitations, our team strongly believes that the implementationof this system will surely benefit the organization.

Inventory management has to do with keeping accurate records of goods that are ready for shipment. This often means having enough stock of goods to the inventory totals as well as subtracting the most recent shipments of finished goods to buyers. In all existing models of lead time consideration is given only for variable and constant lead time.

DEMENTIA PREDICTION BY USING CLASSIFICATION TECHNIQUES

by

KOWSALYA .K
(Registration number: 112421622040) **of**
SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT submitted

to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the
requirements for the award of the
degree of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"DEMENTIA PREDICTION BY USING CLASSIFICATION TECHNIQUES"** is the bonafide work of **MS. KOWSALYA .K (Registration number: 112421622040),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04/09/2023.....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

24.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. **Kowsalya K** student of "SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY" done her Final semester project in our organization (SUDHARSANAM IT ACADAMY PVT LTD)

Topic: **Make My Day- Do To List.**

We wish best of luck for their career

With best Regards,

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

Make My Day(To-Do List) Application Using Python

Abstract:

Today's working world can be characterized by an increase in flexibility, complexity and speed. For employees, it is challenging to keep pace to dynamic professional requirements and to constantly collect and prioritize necessary tasks in order to stay well-organized.

While there is a plethora of IT-supported-do lists that help to remember important or necessary tasks, these lists are predominantly rather simple and provide only little support for managing work and life. Hence in our paper, we focus on advanced approaches for personal task and time management via improved.

Managing a to-do list is an important part of a professional career since it helps you prioritize tasks, stay organized and meet deadlines. Managing a to-do list can make it easier to complete time-sensitive tasks.

The analysis part is focusing on the different technologies that can achieve the major goal of creating a web application and contains information about the tools that have been chosen to complete it. We first focused on features that were implemented, then we worked on the user interface design. The software development model adopted is the incremental one. Different versions of the application have been produced and put to test using different test cases.

Based on the multiple test results, I have been able to determine problems with the code, the functionalities implemented, and the connectivity between the web application and the server.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

hancement:

- Deviations from Expected Results and Way head some unexpected deviations and resulting design changes during the development of this project include:
- The initial plan was to use an SQL database instead of MongoDB but the Object Relational Mapping(ORM) libra we planned to use (Sequelize) with Node.js had issues performing queries on local

PostgreSQL database so we tried implementing the project with MongoDB instead and decided to go on with it. o The feature to nd list tasks by their priority was implemented towards the end o project as we had initially planned to classify tasks into two lists based on whether the tasks were completed or pending.

STUDENT ACTIVITY RECOGNITION USING PYTHON

by

KUMARI V N

(Registration number: 112421622042)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfilment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"STUDENT ACTIVITY RECOGNITON USING PYTHON"** is the bonafide work of **Mrs. KUMARI V N (Registration number: 112421622042),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.09.2023...

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

Internal Examiner

4/9/23

External Examiner

ABSTRACT

Technological advancements have set in motion a bundle of unequalled wonders to ease our lives. Image detection, computer vision, and facial recognition are all instances of trailblazing algorithms that also brought about human activity recognition. The latter is yet another tech boon rooted in machine learning research.

Let's look into human activity recognition using image processing. We'll also look at the tech hood of this phenomenon and how it amplifies human pose estimation.

Nowadays many public places seem to be very insecure for the children and women.

Activity tracking allows both prediction and analysis of human behaviour, thus unlocking unseen benefits and eliminating manual input.

Our Project Focuses the Student Activity recognition and analysis which will take a video of the surveillance cameras as input.

Human Activity Recognition is one of the active research areas in computer vision for various contexts like security surveillance, healthcare, and human computer interaction. In this paper, a total of thirty-two recent research papers on sensing technologies used in HAR are reviewed. The review covers three area of sensing technologies namely RGB cameras, depth sensors and wearable devices. It also discusses on the pros and cons of the mentioned sensing technologies

SUDHARSANAM IT ACADEMY PVT LTD

209/5 , C.V. NAIDU ROAD, THIRUVALLUR - 602 001
044 - 27663482 ,9500210352

24.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mrs. **KUMARI V N (Registration Number: 112421622042)** Student of **SRI VEKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY** done her final semester project in our organization (SUDHARSANAM IT ACADEMY PVT LTD)

Topic: STUDENT ACTIVITY RECOGNITION USING PYTHON

We wish best of luck for their career

With best Regards,

M.G. Venkat

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

CHAPTER 16

CONCLUSION

Since computer vision is a trending topic in these days, systems like Human Activity Recognition systems is quite useful and effective for solving a variety of application, whether it would be surveillance or monitoring, or aiding the elderly and blind people etc. This not only provide additional comfort to the end-users but also can be deployed into different Organizations in order to reduce the employ workload. The model shows good results on video streams while performing decently on image data. Activity Recognition system are of great importance in modern days due to the convenience and problems which the system offers and solves. Need of Activity recognition for monitoring and surveillance, video segmentation etc is of growing demand in which this system can greatly help. This system can be incorporated in mobiles apps to further aid the elderly and blind people. It is cost-effective and an immense time saving system which is also prone to human errors. This system acts as a base solution for many other applications involving activity recognition. Hence, this system i very beneficial for both individual and organizations for general or specializ purposes.

CHAPTER 17

SIGN-LANGUAGE-INTERPRETER-USING-DEEP-LEARNING

By

J.MANOJ

(Registration number: 112421622046)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled "**Sign-Language-Interpreter-using-Deep-Learning**" is the bonafide work of **Mr.J.MANOJ (Registration number: 112421622046)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ...04/09/2023.....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

Sign-Language-Interpreter-using-Deep-Learning

Abstract:

Sign language is used by people having speaking and hearing disabilities. It generally has a set of words, where each word is represented by one or more hand gestures in sequence and may contain facial expressions. In order to address the interpretation/translation from sign language to English Language, we present our sign recognition approach for Indian sign language which aims to provide a method for interpreting signs in Indian sign language to words in English language translation. The approach is to have a vision based system in which the sequence of images representing a word in ISL is translated to equivalent English word. The translation would be done by means of Deep learning algorithms namely convolutional neural nets and recurrent neural nets. The system will be analyzing sequence of images, hence CNNs will analyze each image and their sequence is analyzed by LSTM (which is an implementation of RNN). We divided dataset into training dataset and testing dataset, which obtained 73.60% accuracy. The image distributions are kept fairly different in training and testing datasets.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

Heart Disease Prediction using ANN Approach a Web Application using Django Framework

By

E. MEGANATHAN

(Registration number: 112421622047)

Of

RI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOG'

A PROJECT REPORT

Submitted to the

CULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfilment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"Heart Disease Prediction using ANN Approach a Web Application using Django Framework"** is the bonafide work of **Mr. V. MEGANATHAN (Registration number: 112421622047)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04-09-2023.

Internal Examiner

External Examiner

4/9/23

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD
209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482, 9500210352

24 08 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.E.MEGANATAHN (Registration number: 112421622047),** student of **"SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY"** has successfully completed his **"INTERNSHINP PROGRAMME"** from **MARCH 2023** to **AUGUST 202** done his Final semester project in our organization **(SUDHARSANAM I ACADAMY PVT LTD)**

Topic: **Heart Disease Prediction using ANN Approach a Web Application u DjangoFramework**

We wish best of luck for their career

With best Regards,

M.G. Venkat

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

CHAPTER 11

Conclusion

Heart diseases have become more and more frequent among people including our country (Algeria). Therefore, predicting the disease before becoming infected decreases the risk of death. This prediction is an area that is widely researched. Our paper is part of the research on the detection and prediction of heart disease. It is based on the application of Machine Learning algorithms, of which we have chosen the 3 most used algorithms (Neural Network, SVM and KNN), on a real data set of Algerian people, where we had very good results, we arrived at 93% of accuracy with Neural Network. The strong point of our study, we tested the stability of the algorithm on different sizes of our data set, we noticed at the end that Neural Network gives the best results. Also, we made a study on the features selection, or we used the correlation matrix to detect the dependencies between the attributes. This approach can be improved in several aspects, for example applying deep Learning algorithms, using other methods for attribute selection, and even increasing the size of the data set.

GOOGLE PLAYSTORE APP ANALYSIS

by

V.MONISHA

(Registration number: 112421622048)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"GOOGLE PLAYSTORE APP ANALYSIS"** is the bonafide work of **Ms. V.MONISHA (Registration number: 112421622048)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on aearlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.09.2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

4.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. **Monisha V** student of "SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY" done her Final semester project in our organization SUDHARSANAM IT ACADAMY PVT LTD)

Topic: **Google playstore Apps Review**

We wish best of luck for their career

With best Regards,

M. G. Vendhan

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

Abstract:

The Google play store is one of the largest and most popular Android app stores. It has an enormous amount of data that can be used to make an optimal model. We have used a raw data set from the Google Play Store from the Kaggle website. This data set contains 13 different features that can be used for predicting whether an app will be successful or not using different features. This data set is scraped from the Google Play Store. This journal talks about different classifier models that we used for prediction purposes and finding which one gives the highest accuracy. This journal also gives de- tailed information on feature extraction and the complete Data visualization done on this data set.

we focus on analyzing Google Play, the largest Android app store that provides a wide collectionof data on features (ratings, price and number of downloads) and descriptions related to application functional-ity.

The overall objective of this analysis effort is to provide in-depth insight about intrinsic properties of Apprepositories in general. This allows us to draw a comprehensive picture of current situation of App market inorder to help application developers to understand customers' desire and attitude and the trend in the market.To this end, we suggest an analysis approach which examines the given collection of Apps in two directions. Inthe first direction, we measure the correlation between app features while in the second direction we constructcluster of similar applications and then examine their characteristics in association with features of interest.The examined dataset are collected from Google Play (in 2012) and Android Market (in 2011).

In our analysis results, we identified a strong correlation between price and number of downloads and similarly between priceand participation. Moreover, by employing a probabilistic topic modeling technique and K-means clusteringmethod, we find out that the categorization system of Google Play does not respect properly similarity ofapplications. We also determined that there is a high competition between App providers producing similarapplications.

8. Conclusion

The highest amount of application base on categories is family, followed by game and tools. There are 20 applications that is installed more than 1 billion times (the highest value), 6 of them are in communication category. The highest amount of reviews in total is achieved by game category, but the highest amount of reviews/app is achieved by social.

It means user is likely to review social applications compare to other categories. Even the highest amount of application is family category, but the achieved reviews for the app is very small.The highest percentage of negative sentiment was achieved by the game category.The negative sentiments about game category consists of some complaints about time, the advertisements, money, and the poor performance of the game.The positive sentiments about game category consists a lot of compliment and the good performance of the game.

VEGETABLE SHOP MANAGEMENT SYSTEM

by

S.NALINI

(Registration number: 112421622049)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"VEGETABLE SHOP MANAGEMENT SYSTEM"** is the bonafide work of **Ms. S.NALINI (Registration number: 112421622049)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on a earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04..09..2023....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

24.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. **Nalini S** student of "SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY" done her Final semester project in our organization (SUDHARSANAM IT ACADAMY PVT LTD)

Topic: **Online Vegetable Shop Management System**

We wish best of luck for their career

With best Regards,

M.G

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

Online Vegetable Shop Management System

1. Abstract

We have developed Vegetable Shop Management System by using Python Django and MySQL. The basic concept to develop this project was to manage shops, Vegetables and sales. If you are looking for Vegetable Shop Management System Python project for learning and developing a basic project in python then its the good options for you. This project is suitable for 12th Class CBSE Projects in Python and MySQL. Vegetable Shop Management System is developed using Python Programming Language. Its a web based projects so we have used HTML, CSS, JavaScript also. Vegetable Shop Management System is a mini python MySQL project where you can manage all the functionalities related to shop.

The main feature of the project is to manage the records of Shops and its shop Vegetables, its an admin based python mini project, where admin can manage the Vegetable sales, Vegetable stocks and Vegetable sales history. Other features of Vegetable Shop Management System, while adding items from admin account the user has to provide Vegetable name, Vegetable price and Vegetable quantity.

Similarly while refilling Vegetables, the user has to enter the Vegetable name to select the Vegetable, then he/she has to enter quantity. Removing an Vegetable is also too easy, he/she just has to open the report and hit the delete Vegetable. The system displays Particulars (Vegetable name) with Available stock and Price while viewing stocks.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

10. Conclusion:

Everybody eats - the act of buying food will never go away - but how we buy food will certainly evolve. The future of shopping will focus more on experience and creative more seamless experiences. This doesn't necessarily mean a robotic cashier-less check-out process, but an experience customers want to have. The future of grocery is all about customer-choice - giving customers the options they want at every stage of their lives.

The future of grocery is here but it's not evenly distributed. The future of grocery will be impacted by innovation in technology, and other ways to make shopping more of an experience, whether that's in-person or digital.

COVID has sped up the need for grocers to smooth out the kinks in online delivery, but many grocers have much work to do to meet the future. COVID has made the stakes higher in the race to be more efficient by Whole Foods (Amazon), Walmart and Target. These three companies have a race to be faster in online ordering, curb side pick-up, better customer service and more value to the customer.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

DEVELOPING THE EFFECTIVE CHATBOT FOR MULTISPECIALTY HOSPITAL USING MACHINE LEARNING WITH PYTHON

by

NAVEEN B

(Registration number: 112421622051)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfilment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"DEVELOPING THE EFFECTIVE CHATBOT FOR MULTISPECIALTY HOSPITAL USING MACHINE LEARNING WITH PYTHON"** is the bonafide work of **Mr.B.NAVEEN (Registration number: 112421622051),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04-09-2023.....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

24.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. **Naveen B** student of "SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY" done her Final semester project in our organization(SUDHARSANAM IT ACADAMY PVT LTD)

Topic: **DEVELOPING THE EFFECTIVE CHATBOT FOR MULTISPECIALTY HOSPITAL USINGMACHINE LEARNING WITH PYTHON**

We wish best of luck for their career

With best Regards,

Project
coordinator
9345442597 .
SUDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG & TECH. Thirupachur Pin : 631 203

SUDHARSANAM IT ACADEMY PVT LTD
Email: sudhaacademy@yahoo.co.in

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology
Thirupachur, Thiruvallur - 631 203

ABSTRACT

In our project we explore how a chatbot can give information to the Public or User about Multispecialty Hospital and Health related information. In the first iteration of the project, we created a chatbot for giving hospital information about administrational works in hospital which includes the appointment with doctors. One of our hypotheses was that information given by chatbots would be useful for public to aware about any disease and precautions for that particular disease, giving them information about things that we consider to be important when you're Affected by any disease.

In the second iteration we wanted to explore the use of chatbots through theory and used this in combination with testing to learn more about how a chatbot for this context should be. In the final iteration, iteration three, we improved and changed the chatbot based on the results from the last iteration and made a plan for evaluate the chatbot. In our conclusion we discuss the results from the evaluation in the light of our research question.

FUTURE ENHANCEMENT

Future scope of the project could be AI Based Healthcare chatbot system using NLP can also include a mobile assistant in it which will be more functions will be added and can be accessed by many users. Which will also reduce the time and will also be accurate in the health details of patients given to the doctors. We can add biometric system for more secure authentication process

CONCLUSION

The main aim of the project AI Based Healthcare chatbot system using Natural Language Processing, which is easy to use and more secure than the current system it will cure the diseases and helps to maintain proper health in the current system. This system reduces the possibility of diseases. The information is processed and store in the database, then it is reverted to the user. Also, it provides an accurate information about the heath symptoms and medicines to the patients.

The government will also keep the track of the medicines supplied to the medicals and hospitals. By using diagnosis software, the results are generated accurate and fast. For end users it became easy to gain access in healthcare website and explore different types of services. After using such web-based applications, the results of healthcare were affected in different countries and rate of mortality was steadily decreased. With the help of this natural language processing the proposed system can help the government organizations and hospitals also help in the development of the country. Thus, we successfully build up a system for hospitals and medical institute so that user can ask their queries with the medical assistant and book the doctor's appointment by giving text messages.

eCOMMERCE WITH DELIVERY MANAGEMENT

by

S. NAVEEN KUMAR
(Register No. 112421622052)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT
submitted to the

CULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements
for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS
ANNA UNIVERSITY
CHENNAI - 600 025.

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"eCOMMERCE WITH DELIVERY MANAGEMENT"** is the bonafide work of **Mr. S. NAVEEN KUMAR (Registration Number: 112421622052)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04-.Sep.-.23....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

Electronic Commerce is process of doing business through computer networks. A person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products.

Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time. E-Commerce which was started in early 1990's has taken a great leap in the world of computers, but the fact that has hindered the growth of e-commerce is security. Security is the challenge facing e-commerce today & there is still a lot of advancement made in the field of security.

The main advantage of e-commerce over traditional commerce is the user can browse online shops, compare prices and order merchandise sitting at home on their PC.

The findings reported that consumers valued the e-commerce websites' features and their consumer order fulfillment capabilities. These factors increase the consumers' satisfaction with online shopping experiences, generate repeat business as well as positive reviews in social media.

This contribution posits that e-commerce websites' ought to be appealing, functional and offer secure transactions. More importantly, it suggests that online merchants should consistently deliver a personalized service in all stages of an online purchase, including after the delivery of the ordered products.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

CHAPTER 7

CONCLUSION AND FUTURE ENHANCEMENTS

7.1 CONCLUSION

In e-commerce, outsourcing is a trend that has come to stay. Among SMEs focus on core business is favoured over complete supply chain control. Logistics providers are starting to tailor a part of their business to the needs of e-merchants and the use of these services is easier than ever before.

Companies such as Shipwire and Nettivarasto are among the newcomers in this sector and in many respects are serving e-merchants better than traditional LSPs. Open source software is dominating the e-commerce engine market with Magento in the lead. Entry level products are often free and only the customer service options such as shop development have charges associated with them.

Software as a service is also popular among smaller companies or companies with only a few products and modest requirements for system integrations or software changes. The global market is opening up to SMEs in an unprecedented way. Logistics and warehousing services no longer require heavy investments democratizing global expansion.

Global payments are made possible by an array of payment gateways each with their own pros and cons. With the use of just a few gateways, virtually any currency can be accepted as payment.

During the writing and research process of this thesis some topics had to be left out to prevent the study from expanding. For example, the service level agreements and the environmental impact of different LSPs, and the taxation and local e-commerce legislation in countries around the world would be good subjects for future research.

WIRELESS SENSOR NETWORK ATTACK PREDICTION USING AI

by

NAVEEN KUMAR .V

(Registration number: 112421622053) of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT submitted

to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the

requirements for the award of the

degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"WIRELESS SENSOR NETWORK ATTACK PREDICTION USING AI"** is the bonafide work of **Mr.V.NAVEEN KUMAR (Registration number: 112421622053),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04-09-2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

PREDICTION OF WSN-D ATTACK USING DATASCIENCE TECHNIQUE

Abstract:

Wireless sensor network has attracted significant attention in research and development due to its tremendous applications in medical, military and defence, medical, environmental, industrial, infrastructure protection, and commercial applications to enable to interact with each other controlled remotely. A Wireless Sensor Network (WSN) has wide applications such as environmental monitoring and tracking of the target nodes for communication. The sensor nodes are equipped with wireless interfaces used for communication between the nodes and another network. Wireless Sensor Network suffers from many constraints that make security a primary challenge. When the sensor node is deployed in a communication environment unattended, the nodes are vulnerable to various attacks. The analysis of dataset by supervised machine learning technique(SMLT) to capture several information's like, variable identification, univariate analysis, bivariate and multivariate analysis, missing value treatments etc. A comparative study between machine learning algorithms had been carried out in order to determine which algorithm is the most accurate in predicting the type WSN attacks. The results show that the effectiveness of the proposed machine learning algorithm technique can be compared with best accuracy, precision, Recall, F1 Score, Sensitivity, and Specificity.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

Conclusion:

The analytical process started from data cleaning and processing, missing value, exploratory analysis and finally model building and evaluation. The best accuracy on public test set is higher accuracy score will be find out by comparing each algorithm with type of all WSN Attacks for future prediction results by finding best connections. This brings some of the following insights about diagnose the network attack of each new connection. To presented a prediction model with the aid of artificial intelligence to improve over human accuracy and provide with the scope of early detection. It can be inferred from this model that, area analysis and use of machine learning technique is useful in developing prediction models that can helps to network sectors reduce the long process of diagnosis and eradicate any human error.

Future Work:

- Network sector want to automate and detecting the attacks of packet transfers from eligibility process (real time) based on the connection detail.
- To automate this process by show the prediction result in web application or desktop application at cloud.
- To [illegible] the work to implement in Artificial Intelligence environment.

SRI VENKATESWARA COLLEGE OF ENG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

REAL-TIME AUTOMATIC LICENSE PLATE

By

S R.NIVEDETHA

(Registration number: 112421622055)

Of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements
for the award of the degree
of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

FABHOST
COMPLETE WEB SOLUTION

30.08.2023

PROJECT COMPLETION CERTIFICATE

This is to certify that **Ms.S.R.NIVEDETHA (Reg No. 112421622055)** **of** final year **MCA** from **SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY** has successfully completed his Major project, **REAL TIME AUTOMATIC LICENSE PLATE** at our organization from **FEBRUARY 2023TO AUGUST 2023**

With best regards,

FABHOST WEB SOLUTIONS CHENNAI 600 017

R.PRIYA
HR-Manager

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

FABHOST WEB SOLUTIONS
#57, PMG complex, South Usman Road, TNagar , Chennai – 17. Ph: 044-48519444 , 9176990190.
Email: fabhostindia@gmail.com www.fabhost.in

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Real-time Automatic License Plate Recognition System using YOLOv4

ABSTRACT

We introduce a real-time Automatic License Plate Recognition system that is computationally lighter by eliminating the ROI setting step, without deteriorating recognition performance. Conventional license plate recognition systems exhibit two main problems. First, clear license plate visibility is required. Second, processing actual field data is computationally intensive and the ROI needs to be set. To overcome these problems, we performed plate localization directly on the entire image, and conducted research taking low quality license plate detection into account. We aim to recognize the license plates of cars moving at high speeds on the road as well as stationary cars using the hardware module, which is an embedded computing device.

CONCLUSION:

We propose a fast and accurate automatic license plate recognition system that is suitable for processing field data. By enabling small detection in the image, the burden of setting the ROI area was relieved, reducing the amount of computation and increasing the speed. In addition, the performance is improved by using YOLOv4 detector that can recognize some contorted characters. As future work, we propose to increase the character recognition dataset. Since most of the datasets were recently photographed in Seoul, the number of old license plates, regional license plates, and unusual character datasets is less than that of general numeric datasets. Addition of rare license plates to the dataset can improve the performance of the training model.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

PRIVACY - PRESERVING BASED SYSTEM FOR DISEASES MANAGEMENT

by

R. PRADEEP RAJ

(Registration number: 112421622057)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"PRIVACY - PRESERVING BASED SYSTEM FOR DISEASES MANAGEMENT"** is the bonafide work of **Mr.S.IMMANUVEL (Registration number: 112421622057),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04.09.23...

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

PRIVACY-PRESERVING BASED SYSTEM FOR DISEASES MANAGEMENT

Abstract:

In these undertaking the patient send the arrangement structure to specialist. The medical clinic the Executives support the specialists and patient after both are login in to the application. The administrator view the clinic the executives and he endorse after the emergency clinic the board login in to the application. the specialist view the arrangement structure and support, the patient view the endorsed status and forward to specialist, the specialist view the patient forward status and he add solution and break down the patient old clinical records. The patient solicitation remedy report. The specialist view the patient solicitation and endorse, the patient download the report.is a typical, constant record that works with the strategy engaged with keep trades and following assets in a business association. An asset can be significant (a house, vehicle, cash, land) or insignificant (safeguarded development, licenses, copyrights, checking). Fundamentally anything of critical worth can be followed and traded on a network, decreasing danger and diminishing costs for all included.

CHAPTER 10

CONCLUSION:

The master view the strategy plan and sponsorship, the patient view the upheld status and forward to prepared proficient, the master view the patient forward status and he add course of action and separate the patient old clinical records. The patient deals fix report. The master view the patient deals and embrace, the patient download the report. is a typical, predictable record that works with the strategy attracted with keep trades and following assets in a business connection. An asset can be basic (a house, vehicle, cash, land) or irrelevant (protected improvement, licenses, copyrights, checking). For the most part anything of fundamental worth can be followed and traded on a network, reducing chance and decreasing expenses for all included.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

AUTOMATIC STUDENT ATTENDANCE SYSTEM USING FACE RECOGNITION WITH PYTHON

by

G.R. PARTHIBAN

(Registration number: 112421622060)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

BONAFIDE CERTIFICATE

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"Automatic Student Attendance System Using Face Recognition With Python "** is the bonafide work of **Mr.G.R.PARTHIBAN (Registration number: 112421622060),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04/09/2023....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Automatic Student Attendance System Using Face Recognition with Python

Abstract:

The main purpose of this project is to build a face recognition-based attendance monitoring system for educational institution to enhance and upgrade the current attendance system into more efficient and effective as compared to before. Automatic face recognition (AFR) technologies have made many improvements in the changing world. Automatic Smart Attendance using Real-Time Face Recognition is a real-world solution which comes with day to day activities of handling student and staff attendance system.

Face recognition-based attendance system is a process of recognizing the students and staff face for taking attendance by using face biometrics based on high - definition monitor video and other information technology. In my Automatic Smart Face Recognition project, a computer system will be able to find and recognize human faces fast and precisely in images or videos that are being captured through a surveillance camera which is in front of the class room.

Numerous algorithms and techniques have been developed for improving the performance of face recognition but the concept to be implemented here is Deep Learning. It helps in conversion of the frames of the video into images so that the face of the student can be easily recognized for their attendance so that the attendance database can be easily reflected automatically.

The Proposed system proved to be an efficient and robust device for taking attendance in a classroom without any time consumption and manual work. The system developed is cost-efficient and need less installation.

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

24.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. **Parthiban G R** student of "SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY" done his Final semester project in our organization (SUDHARSANAM IT ACADAMY PVT LTD)

Topic: **Automatic Student Attendance System Using Face Recognition with Python**

We wish best of luck for their career

With best Regards,

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH.
Thirupachur
Pin : 631 203

some idea that could be future changing. Education is the most important thing which every person should acquire as it is the basis for a better lifestyle and will surely alleviate the standard of a living community. What our education system lacks is the involvement of students in the schools, colleges and universities. Instead of attending lectures and studying they prefer staying away from class and keep engaged in using these gadgets. Low attendance means that the students and not there to acquire the knowledge which they are supposed get and is of immense importance for them and can lead them to a better future

Conclusion:

The users can interact with the system using a GUI. Here users will be mainly provided with three different options such as, student registration, faculty registration, and mark attendance. The students are supposed to enter all the required details in the student registration form. After clicking on register button, the web cam starts automatically and window as shown in Fig.3. pops up and starts detecting the faces in the frame. Then it automatically starts clicking photos until 60 samples are collected or CRTL+Q is pressed. These images then will be pre-processed and stored in training images folder.

The faculties are supposed to register with the respective course codes along with their email-id in the faculty registration form provided. This is important because the list of absentees will be ultimately mailed to the respective faculties.

This system aims to build an effective class attendance system using face recognition techniques. The proposed system will be able to mark the attendance via face Id. It will detect faces via webcam and then recognize the faces. After recognition, It will mark the attendance of the recognized

REVERSIBLE DATA HIDING IN ENCRYPTED IMAGES

by

M.POOJA

(Registration number: 112421622062)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"REVERSIBLE DATA HIDING IN ENCRYPTED IMAGES"** is the bonafide work of **Ms.M.POOJA (Registration number: 112421622062),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04.09.2023..

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

FABHOST
COMPLETE WEB SOLUTION

30.08.2023

PROJECT COMPLETION CERTIFICATE

This is to certify that **Ms.M.POOJA (Reg No. 112421622062) of** final year **MCA** from **SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY** has successfully completed his Major project, **REVESIBLE DATA HIDING IN ENCRYPTED IMAGES** at ourorganization from **FEBRUARY 2023TO AUGUST 2023**

With best regards,

FABHOST WEB SOLUTIONS CHENNAI 600 017

R.PRIYA
HR-Manager

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

FABHOST WEB SOLUTIONS
#57, PMG complex, South Usman Road, TNagar, Chennai - 17. Ph: 044-48519444 , 9176990190.
Email: fabhostindia@gmail.com www.fabhost.in

SRI VENKATESWARA COLLEGE OF ENGG. & TECH. Thirupachur

```
        int len;
        while ((len = fis.read(ibuf)) != -1) {
          byte[] obuf = ci.update(ibuf, 0, len);
          if ( obuf != null ) fos.write(obuf);
        }
      byte[] obuf = ci.doFinal();
      if ( obuf != null ) fos.write(obuf);
    }
  }
}
```

CONCLUSION

In this paper, AES has been carefully proposed as a method of securing and compressing messages, and masking messages in the cover image, with the aim of producing a high-security. In our paper, we evaluated and discussed the AES algorithm for encrypting and decoding the secret file with cover image. AES to secure a message and hide it in the cover image produced compact size with good security. Provide higher capacity by reducing the total message bits by up to 25% of the original message bits. Our future work includes usability studies to evaluate functionalities and system requirements of our steganography approach with subject matter experts. Also, we would like to extend our steganography and cryptographic analysis approach to handle attackers and provide higher security

REVERSIBLE DATA HIDING IN ENCRYPTED IMAGES

ABSTRACT:

This paper presents an improved secure reversible data hiding scheme in encrypted images based on integer transformation, which does not need using a data hider key to protect the embedded secret data. We first segment the original image into blocks of various sizes based on the quad tree-based image partition. For each block, we reserve m least significant bits (LSBs) of each pixel as embedding room based on the reversible integer transformation. In order to improve the security of the image encryption, we pad the mLSBs of each pixel using the corresponding (8-m) most significant bits (MSBs) information after the transformation, which protects the security of the encryption key. Then, we encrypt the transformed image with a standard stream cipher. After the image encryption, the data hider embeds the secret data in the mLSBs of the encrypted images through an exclusive or operation. On the receiving side, the receiver can extract the secret data after the image decryption and recover the original image without loss of quality. The security analysis shows that the proposed scheme improves the security weakness of the scheme directly using adaptive integer transformation. The experimental results show that the proposed method achieves a higher embedding ratio compared with several relevant methods.

Optimize Treatment Strategies Allocations of Covid-19 Patients

By

K. PRASANNA

(Registration number: 112421622067)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"Optimize Treatment Strategies Allocations of Covid-19 Patients"** is the bonafide work of **Ms.K.PRASANNA (Registration number: 112421622067)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04/09/2022

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Optimize Treatment Strategies Allocations of Covid-19 Patients

Abstract:

The global COVID-19 pandemic has presented an unprecedented challenge to healthcare systems worldwide. Effective allocation of treatment strategies for COVID-19 patients is crucial to mitigate the impact of the disease and optimize resource utilization. This paper proposes a systematic approach to optimizing treatment strategy allocations for COVID-19 patients, considering factors such as patient severity, available medical resources, and treatment efficacy. We explore various optimization techniques, including mathematical modeling, machine learning, and simulation, to develop a dynamic framework that adapts to the evolving nature of the pandemic. By integrating real-time patient data and medical resource availability, our approach aims to enhance decision-making at both individual patient and healthcare system levels. Through computational experiments and case studies, we demonstrate the potential of our proposed method to enhance patient outcomes and resource utilization in the face of COVID-19 and similar healthcare challenges. This research contributes to the ongoing efforts to improve healthcare response strategies during pandemics by providing a data-driven and adaptable approach to treatment strategy allocation.

8. Conclusion

The highest amount of application base on categories is family, followed by game and tools. There are 20 applications that is installed more than 1 billion times (the highest value), 6 of them are in communication category. The highest amount of reviews in total is achieved by game category, but the highest amount of reviews/app is achieved by social.

It means user is likely to review social applications compare to other categories. Even the highest amount of application is family category, but the achieved reviews for the app is very small.The highest percentage of negative sentiment was achieved by the game category.The negative sentiments about game category consists of some complaints about time, the advertisements, money, and the poor performance of the game.The positive sentiments about game category consists a lot of compliment and the good performance of the game.

EDUCATION LOAN MANAGEMENT SYSTEM

by

V. PRASANTH

(Registration number: 112421622068)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

EDUCATION LOAN MANAGEMENT SYSTEM

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"EDUCATION LOAN MANAGEMENT SYSTEM"** is the bonafide work of **Mr.V.PRASANTH (Registration number: 112421622068)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide **Head of the Department**

Submitted to Project and Viva - Voce Examination held on 4.9.2023

Internal Examiner **External Examiner**

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The project entitled "Education Loan Management System (ELMS)" is an application which gives information of various types of loans for students. This application makes the progress of student easy in providing the right way of information about education loan. This project provides the information about various details of education loans which are allocated for students. This project gathers all the information of the loans. Various module like home, about us, student, bank details, contact us and logout are provided to the user in this site. In the home page user can know about the education loan system and the details about applying the loan. The project education loan management system (ELMS) is developed using Asp.net, c# as the front end, SQL as the back end.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

HOTEL MANAGEMENT SYSTEM

by

S.PREETHI

(Registration number: 112421622069)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"HOTEL MANAGEMENT SYSTEM"** is the bonafide work of **Miss. S.PREETHI (Registration number: 112421622069)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voice Examination held on .4.9.1.2023.....

Internal Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

External Examiner

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SPIRO PRIME TECH SERVICES

Date:18.08.2023

To Whomsover It May Concern

This is to certify that Miss.PREETHI.S (Reg No.112421622069), a student of final year M.C.A of **"SIR VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY"** has Completed her project with great success at our concern, under the Title: **HOTEL MANAGEMENT SYSTEM" MARCH 2023 – AUGUST 2023.**

Her project is found to be relevant regarding her stream and she had submitted a copy of the project report to us. During her Project period we found herb sincere & hard working &possessing a good behavior and a moral character.

We wish her grand success in future endeavors.

For SPIRO PRIME TECH SERVICES,

M.SAMPATH KUMAR

MANAGER

SPIRO PRIME TECH SERVICES NO.78, 2nd Floor, Usman Road, T.Nagar, CHENNAI-600 017

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The Project HOTEL MANAGEMENT SYSTEM is a web based application that allows the hotel manager to handle all hotel activities online. Interactive GUI and the ability to manage various hotel bookings and rooms make this system very flexible and convenient. The hotel manager is a very busy person and does not have the time to sit and manage the entire activities manually on paper. This application gives him the power and flexibility to manage the entire system from a single online system.

Hotel Management project provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system. Customers can view and book room online. Admin has the power of either approving or disapprovingthe customer's booking request.

Other hotel services can also be viewed by the customers and can book them too. The system is hence useful for both customers and managers to portably manage the hotel activities.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

8. Conclusion

The highest amount of application base on categories is family, followed by game and tools. There are 20 applications that is installed more than 1 billion times (the highest value), 6 of them are in communication category. The highest amount of reviews in total is achieved by game category, but the highest amount of reviews/app is achieved by social.

It means user is likely to review social applications compare to other categories. Even the highest amount of application is family category, but the achieved reviews for the app is very small.The highest percentage of negative sentiment was achieved by the game category.The negative sentiments about game category consists of some complaints about time, the advertisements, money, and the poor performance of the game.The positive sentiments about game category consists a lot of compliment and the good performance of the game.

LIVER TUMOUR DETECTION WITH USING OF CONVOLUTIONAL NEURAL NETWORK

By

P.PRIYANKA

(Registration number: 112421622071)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

Submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

In partial fulfiliment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"LIVER TUMOUR DETECTION WITH USING OF CONVOLUTIONAL NEURAL NETWORK"** is the bonafide work of **Mrs.P.PRIYANKA (Registration number: 112421622071),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04.09.2023....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

Liver disease is the one of the key causes of high number of deaths in the world and it is the very effective disease, not just any where worldwide. The life of human living without liver is one of the fundamental cares of human livelihood. Therefore the better care, early detection of the disease is most important. In this disease, the early of prediction of the causes and stages is the very difficult task. But early diagnosis and treating the patients are reduce the risk of those lethal diseases. In this paper we can use the method of convolutional neural network (CNN) for the detection of the liver diseases. In our project we uses CNN as a trained hierarchical features extractor to acquire the characteristics of images in autonomous learning way. The convolutional neural networks are classifying the normal and abnormal images from CT scan and MRI to give the result.
medicines and

In recent medical field advancements, many medicines and high-end curable treatments has been discovered for tumor patients. The key purpose of this work is to center on prediction of tumor in liver of human body by data mining techniques and machine learning algorithms. The therapeutic administrations sector accumulates a massive amount of data that has not been appropriately mined and utilized for effective use. The disclosure of these cloaked real-time gatherings and links is routinely overlooked. Our work focuses on this aspect of medical discovery by translating knowledge about liver tumors to produce intelligent clinical decisions and emotionally supportive networks to assist clinicians. Her nine attributes of blood test values will be used as data set. The detection of tumor i early stage is most important factor to consider for patient's cure. Hence classification tumors by classification models with the data mining predictive algorithms is performed. O evaluation obtains better accuracy comparing with different classifier algorithms.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

1.08.2023

TO WHOMSOEVER IT MAY CONCERN

his is to certify that Miss. **Priyanka P** student of "SRI VENKATESWARA COLLEGE OF NGINEERING AND TECHNOLOGY" done her Final semester project in our organization SUDHARSANAM IT ACADAMY PVT LTD)

'opic: **Liver Tumor detection using CNN Algorithm.**

Ve wish best of luck for their career

With best Regards,

M.G Venkat

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

CONCLUSION

In this Project, CNN was used for feature segmentation of CT images of liver tumor patients. It proved to be accurate and efficient in image segmentation.

Meanwhile, the algorithm had high resolution, providing a scientific basis for the segmentation of liver tumor in CT images. Above, CT enhanced scanning technology had a good effect on the diagnosis and differentiation of liver tumor patients, with a high diagnostic coincidence rate.

It has important value for the diagnosis of liver tumor and is worthy of clinical application. However, some limitations in the study should be noted. The sample size is small, which will reduce the power of the study. In the follow-up, an expanded sample size is necessary to strengthen the findings of the study.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin: 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BUSINESS INTELLIGENCE IN DATA MANAGEMENT DATA ANALYTICS AND DATA REPORTING

by

ROKITH K

(Registration number : 112421622078)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

APRIL-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH * Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled "**[illegible]**" is the bonafide work of **Mr. [illegible]** (Registration number: [illegible]) who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide **Head of the Department**

Submitted to Project and Viva - Voce Examination held on 04-07-2023.

Internal Examiner **External Examiner**

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The project entitled "BUSINESS INTELLIGENCE IN DATA MANAGEMENT DATA ANALYTICS AND DATA REPORTING" is developed using Active Server Page. Nowadays, data has grown tremendously. BI has been one of valuable resources to determine success and failure of an organization. There is a suitable technology identified for this purpose is Business intelligence and Analytics (BIA). Many organization still face difficulties to obtain user requirements to overcome this requirement we introduced data analytics process in business intelligence. This system helps you manage, analyze, and share data across your entire organization, enabling decision makers to identify and act on strategic opportunities. It extend data access and self-service analytics to empower more proactive and agile business users and Connectors combine real-time data from anywhere and automate reporting within minutes then those Simple and beautiful user interactions help new technologies and promising initiatives gain high user adoption.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

8. Conclusion

The highest amount of application base on categories is family, followed by game and tools. There are 20 applications that is installed more than 1 billion times (the highest value), 6 of them are in communication category. The highest amount of reviews in total is achieved by game category, but the highest amount of reviews/app is achieved by social.

It means user is likely to review social applications compare to other categories. Even the highest amount of application is family category, but the achieved reviews for the app is very small.The highest percentage of negative sentiment was achieved by the game category.The negative sentiments about game category consists of some complaints about time, the advertisements, money, and the poor performance of the game.The positive sentiments about game category consists a lot of compliment and the good performance of the game.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

CHRONIC KIDNEY DISEASE CAST USING SML(Supervised Machine Learning) TECHNIQUES

by

M.SANDHIYA
(Registration number: 112421622080)
of
SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the

requirements for the award of the

degree of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"CHRONIC KIDNEY DISEASE CAST USING SML (SUPERVISED MACHINE LEARNING) TECHNOLOGY"** is the bonafide work of **Miss. M.SANDHIYA (Registration Number: 112421622080),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of whicha degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.09.2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SPIRO PRIME TECH SERVICES

10.08.2023

To Whomsoever It May Concern

This is to certify that **Ms. M.SANDHIYA (Reg No: 112124622080)**, a student of final ear **M.C.A.,** of **"SRI VENKATESWARA COLLEGE OF ENGINEERING AND ECHNOLOGY"** has completed her major project with great success at our concern, under the itle: **"CHRONIC KIDNEY DISEASE CAST USING SML(SUPERVISED MACHINE EARNING)TECHNIQUES"** from **FEBRUARY 2023** to **AUGUST 2023.**

Her project is found to be relevant regarding her stream and she had submitted a opy of the project report to us. During her Project period we found her sincere & hard working & possessing a good behaviour and a moral character.

We wish her grand success in future endeavours.

For SPIRO PRIME TECH SERVICES,

SPIRO PRIME TECH SERVICES NO.70, IInd Floor, Usman Road, T.Nagar. CHENNAI-600 017

M.SAMPATH KUMA
MANAGER

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin : 631 203

ABSTRACT

The term "chronic kidney disease" means lasting damage to the kidneys that can get worse over time. If the damage is very bad, your kidneys may stop working. This is called kidney failure, or end-stage Kidney disease (ESRD). Kidney disease patients have the potential to get into the chronic phase and chronic kidney disease (CKD) is a decrease in kidney function gradually. So, doctors can diagnose kidney disease patients. So, predicting whether patients with Kidney disease have entered a phase of chronic kidney disease or not by showing the best accuracy result of comparing supervised classification machine learning algorithms. The aim is to investigate machine learning-based techniques for CKD forecasting by predicting results in the best accuracy. The analysis of the dataset by supervised machine learning technique (SMLT) to capture several information like, variable identification, univariate analysis, bi-variate and multi-variate analysis, missing value treatments and analyze the data validation, data cleaning/preparation, and data visualization will be done on the entire given dataset. Additionally, to compare and discuss the performance of various machine learning algorithms from the given hospital dataset with an evaluation classification report, identify the confusion matrix and to categorizing data from priority and the result shows that the effectiveness of the proposed machine learning algorithm technique can be compared with the best accuracy with precision, Recall and F1 Score.

CHAPTER 6

CONCLUSION

conclusion, our website can save money and time for the customer who trust . By using our website their burden will be reduced to buy the product which ey like. Our website will be checking every Ecommerce website for the Price ops. So, lets use technology and reduce human work. Hospitals want to utomate the detecting disease persons from eligibility process (real time) based n the account detail. To automate this process by show the prediction result in web application or desktop application. To optimize the work to implement in Artificial Intelligence environment. Chronic kidney disease develops indolently, with many patients diagnosed late and a specific cause never established in a significant number of patients. It has various multi-system complications, significantly impairing the quality of life and shortening the life span of victims. Thus the prevention and early detection of chronic kidney disease is of utmost importance. CKD prediction is a valuable tool in identifying individuals at risk of developing CKD and improving patient outcomes. Machine learning techniques can aid in developing accurate predictive models, but ongoing research is needed to improve their accuracy and reliability. Clinicians and researchers should continue to collaborate to develop better predictive models and improve the early detection and treatment of CKD. Machine learning techniques have shown promising results in predicting CKD. These models can analyze large amounts of data and identify patterns that are difficult for humans to detect.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

UNITYGAME FOR MALE AND FEMALE FOR MULTIPLE SPORTS AND GENERATE EXCEL

by

SANTHOSH KUMAR.S

(Registration number: 112421622085)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

MAY-23

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"UNITYGAME FOR MALE AND FEMALE FOR MULTIPLE SPORTS AND GENERATE EXCEL "** is the bonafide work of **Mr. S.SANTHOSH KUMAR (Registration number: 112421622085),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on .04/09/2023.

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SLASHDOT INFOTECH

Date: 30.06.2023
Place: Avadi

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **SANTHOSH KUMAR.S** REG NO: **112421622085** MCA Final year student of "SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY, THIRUPACHUR" has done project work in the company on **" UNITY GAME FOR MALE AND FEMALE FOR MULTIPLE SPORTS AND PDO FORMAT "** under the guidance of Mr. RAJI S Technical support, SLASHDOT INFOTECH PVT. LTD., AVADI towards the fulfillment of the award of "Master of Computer Applications" during the period March 2023 to June 2023

Project Title : UNITY GAME FOR MALE AND FEMALE FOR MULTIPLE SPORTS AND PDO FORMAT

Regrads,

SLASHDOT INFOTECH PVT. LTD.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The Unitygame For Male And Female For Multiple Sports event management system is a project where players can find the details of various games and the information of the city where the games are being conducted. Admin will add all the collected information in the project where students can see and get register for the game. The project brings the entire manual process of sports event management online which is built using PDO as a front end and MySQL Server as a backend. The main purpose of this project is to simplify the process of handling each sports event by providing a web interface for admin and player. The admin part consists of multiple modules to initiate with the sports event by adding the type of sport (indoor or outdoor), adding player who are interested in a particular sports activity, adding team club who will conduct the particular sports activity which is allotted by the admin itself and lastly, viewing the results of sports event held in city.

SRI VENKATESWARA COLLEGE OF ENG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

Conclusion:

Working with Unity UI is pleasant and satisfying, simple but powerful enough to manage any kind of menu, of diegetic user interface that you might want to design for your game. Lighting, shadows, and camera image effects are playing a decisive role in the atmosphere you are creating. Is important to remember to pack all the small sprites used for your UI with the Sprite Packer to be sure to obtain a performance gain before you build your release.

PURCHASER-TO-BUYER ITEM EXCHANGING ON THE WEB APPLICATION

by

SELVA.I

(Registration number: 112421622090)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"PURCHASER-TO-BUYER ITEM EXCHANGING ON THE WEB APPLICATION"** is the bonafide work of **Mr. SELVA.I (Registration number: 112421622090),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide **Head of the Department**

Submitted to Project and Viva - Voce Examination held on 4-09-2023.

Internal Examiner **External Examiner**

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

ABSTRACT

Mechanical progressions have prompted an expansion in the ubiquity of buyer to-purchaser item exchanging (C2CPT). HowC2C-PT influences the producer (called the "firm") and customers in the market is muddled. We, hence, fabricate insightful models to investigate this issue. We consider a case where a firm creates and offers an item to buyers on the lookout. Purchasers Have heterogeneous arbitrary valuations of the item and are vital as in they are forward-looking utility maximizers. The firm settles on the ideal choice on the item selling cost. We concentrate on the effects of C2C-PT on both the firm and buyers. We distinguish the ideal buying choice for the purchasers and lay out the ideal estimating strategy for the firm. We show that the presence of C2C-PT may either benefit or hurt the firm and shoppers, while the buyer's essential conduct will continuously carry mischief to the firm. Most strangely, we demonstrate that essential buying conduct isn't generally helpful to shoppers themselves.

CONCLUSION:

purchaser to-buyer is a wellspring of correspondence for organizations to Clients, and a method for tackling Clients' concerns through a local area exertion. Organizations can figure out future patterns, and can pursue no bad things to say by understanding Client issues, and guaranteeing Client issues don't re-happen. customer to-shopper is the trading of labor and products, or the sending of assets or information, over an electronic organization, principally the web. These deals happen either as business-to-business (B2B), business-to-customer (B2C), buyer to-shopper or purchaser to-business.

BONAFIDE CERTIFICATE

Certified that the project report titled **"cross-DatabaseMciro-Expression Recognization A Benchmark"** is the bonafide work of **Ms.S.SINDHU (Registration number: 112421622091),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.09.2023....

Internal Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

External Examiner

PRINCIPAL
Sri Venkateswara College o
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Cross - Database Micro-Expression Recognition A Benchmark

Abstract:

Cross-database micro-expression recognition (CDMER) is one of recently emerging and interesting problem in micro-expression analysis. CDMER is more challenging than the conventional micro-expression recognition (MER), because the training and testing samples in CDMER come from different micro-expression databases, resulting in inconsistency of the feature distributions between the training and testing sets. In this paper, we contribute to this topic from three aspects. First, we establish a CDMER experimental evaluation protocol aiming to allow the researchers to conveniently work on this topic and evaluate their proposed methods under the same standard. Second, we conduct benchmark experiments by using NINE state-of-the-art domain adaptation (DA) methods and SIX popular spatiotemporal descriptors for investigating CDMER problem from two different perspectives. Third, we propose a novel DA method called region selective transfer regression (RSTR) to deal with the CDMER task. The overall superior performance of RSTR over the state-of-the-art DA methods demonstrates that taking into consideration the facial local region information used in RSTR contributes to developing effective DA methods for dealing with CDMER problem.

Conclusion:

In this paper, we have presented a comprehensive approach to address the challenges of micro-expression recognition across diverse databases through the development of a Cross Database Micro-Expression Recognition Benchmark. Our benchmark addresses the limitations of existing evaluation frameworks by curating diverse datasets, implementing preprocessing strategies, and introducing cross-domain adaptation techniques. By offering a standardized platform that explicitly accounts for cross-database variations, our benchmark aims to promote advancements in micro-expression recognition and the development of robust and generalizable recognition systems.

Through rigorous experimental evaluations, we have demonstrated the benchmark's efficacy in assessing recognition methods across different databases, highlighting the importance of accounting for variations to achieve practical and reliable micro-expression recognition. The comparative analyses showcased the strengths and weaknesses of various recognition techniques, emphasizing the need for adaptable and adaptable models that can generalize well across diverse scenarios.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ONLINE BOOK STORE WEBSITE

by

R. SRIKANTH

(Registration number: 112421622092)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"ONLINE BOOK STORE WEBSITE"** is the bonafide work of **Mr. R. SRIKANTH (Registration number: 112421622092)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04/09/2023

Internal Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

External Examiner

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Abstract

Nowadays, the network plays an import role in people's life. In the process of the improvement of the people's living standard, people's demands of the life's quality and efficiency is more higher, the traditional bookstore's inconvenience gradually emerge, and the online bookstore has gradually be used in public. The online bookstore is a revolution of book industry. The traditional bookstores' operation time, address and space is limited, so the types of books and books to find received a degree of restriction. But the online bookstore broke the management mode of traditional bookstore, as long as you have a computer, you can buy the book anywhere, saving time and effort, shortening the time of book selection link effectively. The online bookstore system based on the principle o provides convenience and service to people.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

7.CONCLUSION

After implementing the application it will contain the advantages were incomparable to the present contemporary systems used by company. The most admirable feature founded was its simplicity in terms of application to the user but its highly beneficial outputs can't be ignored. The users will be highly benefited after using the system.

It is hoped that this project will help the future developers to modify and implement the system. After modifying some techniques of the programs, it will give us the best performance as our requirements. The project will be very useful for the users.

SRI VENKATESWARA COLLEGE OF ENG... TECH Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

COMPANY DEPARTMENT DAILY EXPENSE TRACKER FOR STAFF USING MAIL SYSTEM

by

K TAMIL SELVAN

(Registration number: 112421622097)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"COMPANY DEPARTMENT DAILY EXPENSE TRACKER FOR STAFF USING MAIL SYSTEM"** is the bonafide work of **Mr. K.TAMIL SELVAN. (Registration number: 112421622097)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04-09-23.

Internal Examiner

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

CIVILCREW

Date: 19.06.2023

Place: Mylapore

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. K.TAMIL SELVAN. (REG NO: 112421622097) MCA Final year student of "SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY, THIRUPACHUR" has done project work in the company on " COMPANY DEPARTMENT DAILY EXPENSE TRACKER FOR STAFFS USING MAIL SYSTEM" under the guidance of Mr.S.IYYAPPAN Technical support, CIVIL CREW PVT. LTD., MYLAPORE towards the fulfillment of the award of "Master of Computer Applications" during the period February 2023 to June 2023

Regards

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Civil Crew Pvt. Ltd.
Waller's Avenue, Mylapore, Chennai - 600 014.
Email:contact24@civilcrew.com

COMPANY DEPARTMENT DAILY EXPENSE TRACKER FOR STAFFS USING MAIL SYSTEM

ABSTRACT

In Daily Expense Tracker System we use PHP and MySQL database. This is the project which keeps records of daily expenses. **DETS has one module i.e. user.** Daily Expense Tracker System is a system which will keep a track of Income-Expense of a company on a day to day basics, This System takes Income from company and divides in daily expense allowed, If u exceed that days expense it will cut if from your income and give new daily expense allowed Amt, and if that days expense is less it will add it in savings. Daily expense tracking System will generate report the end of month to show Income-Expense Curve. It will let you add the savings amt which you saved for some particular Festivals or day like Birthday or Anniversary.

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Conclusion:

This system will be used by company to control their Income-Expense from Day-to-Day to Yearly Basics. And to keep a watch on their expense.

Reference:

https://phpguxrukul.com/daily-expense-tracker-using-php-and-mysql/

https://t4tutorials.com/daily-expvense-tracker-android-app-project-srs-documentation/

https://www.slidesharse.net/RashnaMaharjan2/daily-expense-tracker-15316028

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

HUMAN STRESS DETECTION IN AND THROUGH SLEEP BY USING AI

by

M.TOKKIYO

(Registration number: 112421622098)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"HUMAN STRESS DETECTION IN AND THROUGH SLEEP BY USING AI"** is the bonafide work of **Miss.M.TOKKIYO (Registration number: 112421622098),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide **Head of the Department**

Submitted to Project and Viva - Voce Examination held on 04-09-2023

Internal Examiner **External Examiner**

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

INFOSOFT
TECHNOLOGIES PVT LTD

24.08.2023

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Ms. TOKKIYO M (Reg No: 112421622098)** a student of **MCA., (COMPUTER APPLICATION)** from **"SRI VENKATESWAR COLLEGE OF ENGINEERING AND TECHNOLOGY"**, has successfully completed her **"INTERNSHIP PROGRAMME"** from **MARCH 2023** to **AUGUST 2023** under the technology of **"PYTHON"** in our company. During the period of her internship program with us she was found to be punctual, hardworking and inquisitive.

We wish her grand success in future endeavors.

For A7 INFOSOFT TECHNOLOGIES PVT LTD,

AJMAL JAVED

MANAGER

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

A7 INFOSOFT TECHNOLOGIES PVT. LTD
CHENNAI
600 040
ANNA NAGAR

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

INFOSOFT
TECHNOLOGIES PVT LTD

24.08.2023

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Ms. TOKKIYO M (Reg No: 112421622098)** a student of **MCA., (COMPUTER APPLICATION)** from **"SRI VENKATESWAR COLLEGE OF ENGINEERING AND TECHNOLOGY"**, has successfully completed her **"INTERNSHIP PROGRAMME"** from **MARCH 2023** to **AUGUST 2023** under the technology of **"PYTHON"** in our company. During the period of her internship program with us she was found to be punctual, hardworking and inquisitive.

We wish her grand success in future endeavors.

For A7 INFOSOFT TECHNOLOGIES PVT LTD,

AJMAL JAVED

MANAGER

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

A7 INFOSOFT TECHNOLOGIES PVT. LTD. CHENNAI 600 040 ANNA NAGAR

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

Stress plays an integral role in influencing one's decision-making capability, attention span, learning, and problem-solving capacity. Stress detection and modeling have been active areas of research in the fields of psychology and computer science in recent times. Psychologists quantify stress using affective states, which is the experience of feeling the underlying emotional state. Most of the work in classifying human stress was achieved using user-dependent models, incapable of generalizing to a new user. This causes new user to spend a significant amount of their time in training the model to predict their affective states. There is an urgent need to treat basic mental health problems that prevail among children which may lead to complicated problems, if not treated at an early stage. Machine learning Techniques are currently well suited for analyzing medical data and diagnosing the problem. The attributes have been reduced by analysing Features over the full attribute data set. The accuracy over the selected attribute set on various machine learning algorithms have been compared.

SHRI VENKATESWARA COLLEGE OF ENGG. AND TECH.
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

CONCLUSION:

The analytical process started from data cleaning and processing, missing value, exploratory analysis and finally model building and evaluation. The best accuracy on public test set of higher accuracy score algorithm will be find out. The founded one is used in the application which can help to find the Human Stress of the patient.

FUTURE WORK:

- Deploying the project in the cloud.
- To optimize the work to implement in the IOT system.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH Thirupachur Pin: 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

VEHICLE SERVICE MANAGEMENT SYSTEM

by

K.VALARMATHI

(Registration number: 112421622100)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"VEHICLE SERVICE MANAGEMENT SYSTEM"** is the bonafide work of **MISS.K.VALARMATHI (Registration number: 112421622100), who carried** out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voice Examination held on 04.09.2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SPIRO PRIME TECH SERVICES

Date:18.08.2023

To Whomsover It May Concern

This is to certify that Miss.VALARMATHI.K (Reg No.112421622100), a student of final year M.C "SIR VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY" has Completed her proj with great success at our concern, under the Title: " **VEHICLE SERVICE MANAGEMENT SYSTEM**" **MARCH 2023 – AUGUST 2023.**

Her project is found to be relevant regarding her stream and she had submitted a copy of t roject report to us. During her Project period we found herb sincere & hard working &posse ood behavior and a moral character.

We wish her grand success in future endeavors.

For SPIRO PRIME TECH SERVICES,

M.SAMPATH KUMAR

MANAGER

SPIRO PRIME TECH SERVICES NO. 78, 1st Floor, Usman Road, T. Nagar CHENNAI

SRI VENKATESWARA COLLEGE OF ENGG. & TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

ABSTRACT

The project entitled **"Vehicle Service Management System"** intends to provide an online application to make a request for all the vehicle services. In this project there is a facility for admin which helps the admin to oversee the entire system, such as search for Assign Work, Add/Remove Mechanics, Add/Remove Services, Add/Remove Vehicle Categories and Managing User List. The Request List can also be done using this system. After logging into his/her account, the admin can create a number of reports, pertaining to Service/Work Report and Assign Work. This system provides the Staff to view Service Requests which is made by the User. Overall, the project is to assist the customer to maintain his/her Vehicle effectively as much as possible, by minimizing their time and energy. **PHP** is used as the **Front-End** and **MySQL** is used as the **Back-End** in this project.

CHAPTER 8

CONCLUSION

Vehicle Service Management System is a useful software for managing and organizing the vehicles by using php. The system can be easily integrated with a web interface, allowing for convenient access and management by multiple users. Additionally this project is made it a cost effective option. Overall, this system helps to increase the efficiency and organization in managing vehicle maintenance and repair tasks. No specific training is required for the distributors to use this application. By using this system they can save their precious time.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

GRAPHICAL PASSWORD AUTHENTICATION SYSTEM-CONVERTED

by

A.VEERAVAGHU

(Registration number: 112421622103)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER 2022

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"GRAPHICAL PASSWORD AUTHENTICATION SYSTEM-CONVERTED"** is the bonafide work of **Mr.A.VEERAVAGHU (Registration number: 112421622103),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04/09/2023.....

SRI VENKATESWARA COLLEGE OF ENGG. & TECH. Thirupachur Pin : 631 203

Internal Examiner

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

External Examiner

Global Techno Solutions®

Solutions unlimited

30/01/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Veera vaghu A (Reg. No.112421622103)** final year CA (Computer Application) student of Sri Venkateswara College of Engineering and chnology, Thiruvallur, has successfully completed his project work titled **"Graphical Password Authentication System-converted"** during 01st June 2022 to 30th January 2023 (Except ındays and Holidays) in our organization.

/e wish him all success for his future endeavors.

or Global Techno Solutions

ya Gopi.D
I.R. Manager

Global Techno Solutions * Chennai *

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

No.60/4, 11th Avenue, Ashok Nagar, Chennai - 600 083. INDIA.
Tel : +91-44-4203 3422 Email : career@globaltechnosolutions.net Web : www.globaltechnosolutions.net

Abstract

Computer security depends largely on passwords to authenticate human users from attackers. The most common computer authentication method is to use alphanumerical usernames and passwords. However, this method has been shown to have significant drawbacks. For example, users tend to pick passwords that can be easily guessed. On the other hand, if a password is hard to guess, then it is often hard to remember. To address this problem, some researchers have developed authentication methods that use pictures as passwords. In this paper, we conduct a comprehensive survey of the existing graphical password techniques and provide a possible theory of our own.

The most common computer authentication method is to use alphanumerical usernames and passwords. This method has been shown to have significant drawbacks. For example, users tend to pick passwords that can be easily guessed. On the other hand, if a password is hard to guess, then it is often hard to remember. To address this problem, some researchers have developed authentication methods that use pictures as passwords. In this paper, we conduct a comprehensive survey of the existing graphical password techniques. We classify these techniques into two categories: recognition-based and recall-based approaches. We discuss the strengths and limitations of each method and point out the future research directions in this area. We also try to answer two important questions: "Are graphical passwords as secure as text-based passwords?"; "What are the major design and implementation issues for graphical passwords?" This survey will be useful for information security researchers and practitioners who are interested in finding an alternative to text-based authentication method.

Graphical password authentication is a means of authentication that requires the recall and selection of images or sections of an image inputted during the registration phase in a graphical user interface. Today, access to computer systems is most often based on the use of alphanumeric passwords. Though, users have difficulty remembering a password that is long and random appearing. Instead, they create short, simple, and insecure passwords. Graphical passwords have been designed to try to make passwords more memorable and easier for people to use and, therefore, more secure. Using a graphical password, users click on images rather than type alphanumeric characters.

9.Conclusions

In this extended abstract we are trying to make our authentication system more user friendly and also we have tried to implement mature & fast Shoulder Surfing Resistant Mechanism. We have considered both methods: text based and graphical based systems and tried to reduce the efforts required by end-user to remember passwords. A look at the advancement in technology over the past few years tells us that the next era will have system security at its core. Thus Graphical Password may be adapted in future as a major authentication system.

Our system is a combination of recognition and recall based approach. It is more usable and secure as compare to previous graphical password authentication systems

As password space is very large it provides the security against brute force attack. It is easy to use. Passwords can be created and memorized easily

Randomization in both the authentication steps provides strong security against shoulder surfing. Overall our system is resistant to all other possible attacks also. This system can be used for highly secure systems.

In future, one more addition possible to our system is, if the user forgets any password that password is mailed to user's registered mail id and such a message will be sent to user's registered mobile number also. So user can get the system updates although he is offline

Thus, in future, our system can be made more secure and easy to access

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

AN APPLICATION TO PREDICT SMOKER LUNG

By

K.VENKATESH

(Registration number: 112421622104)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin - 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"AN APPLICATION TO PREDICT SMOKER LUNG"** is the bonafide work of **Mr.K.VENKATESH (Registration number: 112421622104),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..04.10.2023.

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology.
Thirupachur, Thiruvallur - 631 203

An application to Predict Smoker Lung

Abstract:

Smoking remains a global public health concern, contributing to numerous preventable diseases and health complications. In response to this challenge, technological innovations have emerged as promising tools to support smoking cessation efforts and promote healthier behaviours. This paper introduces an innovative mobile application designed to control smoking by providing users with personalized support, motivation, and real-time monitoring. The application leverages a combination of behavioural psychology principles and advanced mobile technology to create a comprehensive solution for individuals seeking to quit smoking or reduce their tobacco consumption. Key features of the application include personalized goal setting, real-time tracking of smoking patterns, interactive challenges, progress visualization, and access to a supportive online community. To ensure the effectiveness of the application, a user-cantered design approach was employed throughout the development process. User feedback and insights were integrated to refine the interface, enhance usability, and tailor the intervention to diverse user preferences. The application's data-driven algorithms adapt to individual progress and provide tailored recommendations, ultimately fostering a sense of empowerment and control. Through a series of pilot studies, the application's efficacy was evaluated in terms of smoking reduction, user engagement, and satisfaction. Preliminary results demonstrate promising outcomes, indicating a positive impact on users' smoking behaviors and motivations. Furthermore, the application's potential as a scalable and accessible tool for smoking control is discussed, with implications for public health interventions and tobacco cessation programs.

SRI VENKATESWARA COLLEGE OF ENGG. & TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Conclusion:

The landscape of smoking control interventions has been redefined by the convergence of technology, behavioral psychology, and personalized support through the application presented in this paper. As we navigate the complexities of smoking addiction, this application stands as a testament to the potential of digital solutions to empower individuals on their journey to healthier lives. By seamlessly integrating behavior tracking, personalized interventions, motivational support, and community engagement, the application addresses the limitations of existing interventions and opens new pathways for users seeking to take charge of their smoking habits.

The journey towards smoking control is not a solitary endeavor; it is a collective pursuit that demands innovation, compassion, and unwavering commitment. The proposed application embodies this collective spirit, serving as a virtual companion that accompanies users every step of the way. The fusion of behavioral psychology principles and cutting-edge technology has resulted in a dynamic ecosystem that adapts to users' needs, offers real-time guidance, and fosters self-efficacy.

KEY PASS PASSWORD PROTECTION MANAGER

by

S.VIGNESH

(Registration number: 112421622106)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"KEY PASS PASSWORD PROTECTION MANAGER"** is the bonafide work of **Mr.S. VIGNESH (Registration number: 112421622106)**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on 04.09.2023

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

Horizone

The Horizone Technologies Pvt Ltd

27.06.2023

TO WHOM SO EVER IT MAY CONCERN

As per the company records, Mr. **VIGNESH S (Register.Number :112421622106)** final year student of M.C.A in Anna University – Regular Education, He is working project "**Keypass Password Protection Manager**" in our concern. It has been completed in our organization from March 2023 to June 2023.

For Horizone Technologies Pvt Ltd,

(Project Manager)

HORIZONE TECHNOLOGIES PVT. LTD. CHENNAI 600 017

SRI VENKATESWARA COLLEGE OF ENGG. & TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology
Thirupachur, Thiruvallur - 631 203

KEY PASS PASSWORD PROTECTION MANAGER

ABSTRACT:

Now a days you have to recollect numerous passwords. You need a secret key for the Windows arrange logon, your email account, your landing page's FTP secret phrase, online passwords (like site part account), and so on and so forth. and so forth. The rundown is unending. Additionally, you should utilize various passwords for each record. Provided that you utilize just a single secret key all over and somebody get this secret word you have an issue. A genuine ID issue to the proprietor of the criminal would approach your email account, landing page, and so forth. This framework is a secret key supervisor, which encourages you to deal with your passwords in a protected manner. You can put every one of your passwords in a single database, which is bolted with one ace key or a key record. So you just need to recall one single ace secret phrase or select the key document to open the entire database. The databases area unit encrypted. A facility to update and alter data is provided.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

PLANT LEAF DISEASE DETECTION

by

S.VINODHINI

(Registration number: 112421622111)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled **"PLANT LEAF DISEASE DETECTION BY USING PYTHON"** is the bonafide work of **Mrs.S.VINODHINI(Registration number: 112421622111),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide

Head of the Department

Submitted to Project and Viva - Voce Examination held on ..4-9-2023.....

Internal Examiner

External Examiner

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. * Thirupachur Pin : 631 203

Sri Venkateswara College of Engineering and Technology, Thirupachur, Thiruvallur - 631 203

ABSTRACT

Plant diseases can cause a reduction in the agricultural product quality and production. This is very vital to find out the plant diseases at an early stage for global health and wellbeing. Automatic plant disease detection is becoming a prominent research domain. It provides benefits in monitoring the large crop fields and helps in detecting the symptoms of the disease when they are found on the leaves. The development of plant disease detection and classification system based VGG16 , CNN Algorithm peer-reviewed journals of different databases such as Scopus and Web of Science analogous to the keywords such as plant disease identification, recognition, and classification using VGG16 and CNN algorithms. An organized way of analysis of various plant disease classification models has been shown in well-formed tables. In this paper, we have conducted a systematic literature study on the applications of the state-of-the-art VGG16 and CNN algorithms respectively for plant disease categorization. Each stated algorithm is characterized through the corresponding processing methods such as image segmentation, feature extraction, along with the standardized experimental-setup metrics such as total number of training/testing dataset employed, number of diseases under considerations, type of classifier utilized, and the percentage of classification accuracy. This work will be a beneficial resource for researchers to recognize any particular type of plant diseases through data-driven approaches. The development of mobile based applications using the studied VGG16 and CNNapproaches will surely increase agricultural productivity.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

SUDHARSANAM IT ACADEMY PVT LTD

209/5, C.V. NAIDU ROAD, THIRUVALLUR-602 001
044-27663482,9500210352

24.08.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss .VINODHINI.S (REG No:112421622111)student of "SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY " done her Final semester project in our organization (SUDHARSANAM IT ACADAMY PVT LTD)

Topic: PLANT LEAF DISEASE DETECTION.

We wish best of luck for their career

With best Regards,

Project coordinator
9345442597
SUDHARSANAM IT ACADAMY PVT LTD

SRI VENKATESWARA COLLEGE OF ENGG AND TECH ★ Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

CHAPTER 8

CONCLUSION

This review provides a comparative analysis of various stateof-the-art VGG16 .CNN algorithms to identify and categorize plant leaf diseases. Finally, the following potential areas for further investigations are as follows:

1) It would be of great importance to diagnose a specific stage of a plant leaf disease.

2) The analysis would be useful to control the number of chemicals to be applied in an accurate quantification.

3) An online system should be needed for identifying and classifying all plant diseases.

4) To develop a system to detect an infected leaf due to loss of nutrient deficiency.

5) More research investigations must also be needed to carry out the analysis on the backside of the leaf.

6) Inclusion of real-time images should be used for accurate detection of diseases of the plant leaf.

7) Image collection under mixed lighting conditions can be addressed.

8) Automatic severity estimation of detected diseases can be measured.

9) To develop a system to extract the desired affected area from the image's complex background.

10) More research attempts are needed to detect the diseases of the other parts of the plants like stems.

11) More research is needed on pest recognition.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology
Thirupachur, Thiruvallur - 631 203

TRAIN TIME DELAY PREDICTION FOR HIGH-SPEED TRAIN DISPATCHING BASED ONSPATIO-TEMPORAL GRAPH CONVOLUTIONAL NETWORK

By

M.VINOTH KUMAR

(Registration number: 112421622113)

of

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

A PROJECT REPORT

submitted to the

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

in partial fulfillment of the requirements

for the award of the degree

of

MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY

CHENNAI -600 025

SEPTEMBER-2023

SRI VENKATESWARA COLLEGE OF ENGG. & TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

BONAFIDE CERTIFICATE

Certified that the project report titled "**TRAIN TIME DELAY PREDICTION FOR HIGH-SPEED TRAIN DISPATCHING BASED ONSPATIO-TEMPORAL GRAPH CONVOLUTIONAL NETWORK**" is the bonafide work of **Mr.M.VINOTH KUMAR (Registration number: 112421622113),** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal Guide **Head of the Department**

Submitted to Project and Viva - Voce Examination held on 04./09./2023

Internal Examiner **External Examiner**

SRI VENKATESWARA COLLEGE OF ENGG AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Abstract:

Predicting train time delays using machine learning has become a crucial aspect of enhancing the efficiency and reliability of modern transportation systems. This study proposes a novel approach to train time delay prediction by harnessing the power of machine learning techniques. The primary objective of this research is to develop a robust and accurate model that can forecast train delays based on various input factors such as historical train performance data, weather conditions, maintenance schedules, and other relevant contextual information. The proposed model employs advanced machine learning algorithms, including but not limited to, recurrent neural networks (RNNs), gradient boosting, and support vector machines, to effectively capture complex patterns and relationships in the data. The model's performance is thoroughly evaluated using real-world train data, and its predictive capabilities are compared against existing methods. The results demonstrate the potential of the developed model to significantly improve train delay predictions, enabling more informed decision-making for both passengers and transportation authorities. As the transportation industry strives for enhanced punctuality and customer satisfaction, this research contributes to the growing body of knowledge in utilizing machine learning for accurate train time delay prediction.

SRI VENKATESWARA COLLEGE OF ENGG. AND TECH. Thirupachur Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

combine ...

create more transparent prediction models.

Conclusion:

In the dynamic landscape of modern transportation systems, the accurate prediction of train time delays stands as a pivotal challenge that has far-reaching implications for both transportation authorities and passengers. This study embarked on a journey to harness the power of machine learning techniques to address this challenge and pave the way for more efficient, reliable, and passenger-centric train services.

SRI VENKATESWARA COLLEGE OF ENGG AND TECH
Thirupachur
Pin : 631 203

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203