

TOURS AND TRAVELS

PROJECT REPORT

Submitted by,

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(Reg. No. CCAVBOC008)

For the award of the degree of

BACHELOR OF VOCATION
IN
INFORMATION TECHNOLOGY
(Calicut University)

Under the Guidance of

MS. JEENA GEORGE
Assistant Professor



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

THRISSUR-680125, KERALA

2023-2024

**DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR, KERALA, PIN-680125**



CERTIFICATE

This is to certify that the project report entitled “**TOURS AND TRAVELS**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **ALVIN SEBASTIAN K (Reg.no.CCAVBOC008)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department

Submitted for the External Examination held on

Examiners:

1

2

DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: Irinjalakuda

Date:

Name: ALVIN SEBASTIAN K

Reg. No: CCAVBOC008

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

ALVIN SEBASTIAN K

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1.INTRODUCTION

Travel and tourism is the industry that includes the activities of people traveling to and staying in places outside of their usual environment for business, leisure, or other purposes. Travel can be local, regional, national (domestic), or international, and can be done by foot, bicycle, automobile, train, boat, bus, airplane, ship, or other means. Travel can also include relatively short stays between successive movements, as in the case of tourism

2.website

The Tours and Travels website is a project that allows users to book packages for tourist destinations like hills, spirituals, trekking, and adventures. It also allows users

to register for hotels and keep records of their customers, destination details, and payments.

3.System Design

3.1 pre-requisites

Software requirements

- Visual studio code(64-bit)

3. Visual studio modules required:

- **Html • CSS • Django • Python Pillow**

Html

HTML stands for Hyper Text Markup Language. HTML is the standard markup language for creating Web pages. HTML describes the structure of a Web page. HTML consists of a series of elements. HTML elements tell the browser how to display the content.

CSS

CSS stands for Cascading Style Sheets, and it's a computer language that describes how to structure and lay out web pages. CSS is a cornerstone technology of the World Wide Web, along with HTML and JavaScript. It's used to specify how elements should be presented on screen, on paper, in speech, or on other media. CSS can also add style to web documents, such as fonts, colors, and spacing.

Django

Django is a high-level Python web framework that enables rapid development of secure and maintainable websites. Built by experienced developers, Django

takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

Python

Python is a computer programming language often used to build websites and software, automate tasks, and analyze data. Python is a general-purpose language, not specialized for any specific problems, and used to create various programmes.

Pillow

The Python Imaging Library(PIL) adds image processing capabilities to your Python interpreter. This library provides extensive file format support, an efficient internal representation, and fairly powerful image processing capabilities. The core image library is designed for fast access to data stored in a few basic pixel formats. It should provide a solid foundation for a general image processing tool.

4.This project contains 3 sections

- Registration and login
- User UI
- Admin UI

5.Tours and Travels

5.1 source code:

1.Admin app

```
{% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>AdminLTE 3 | Dashboard</title>


    <!-- Google Font: Source Sans Pro -->

    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=f
allback">

    <!-- Font Awesome -->

    <link rel="stylesheet" href="{% static 'plugins/fontawesome-free/css/all.min.css' %}">

    <!-- Ionicons -->

    <link rel="stylesheet"
href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">

    <!-- Tempusdominus Bootstrap 4 -->

    <link rel="stylesheet" href="{% static 'plugins/tempusdominus-bootstrap-
4/css/tempusdominus-bootstrap-4.min.css' %}">

    <!-- iCheck -->

    <link rel="stylesheet" href="{% static 'plugins/ichack-bootstrap/ichack-
bootstrap.min.css' %}">

    <!-- JQVMap -->

    <link rel="stylesheet" href="{% static 'plugins/jqvmap/jqvmap.min.css' %}">

    <!-- Theme style -->
```

ORGANIC STORE

PROJECT REPORT

Submitted by,

ANURAG P.A
(Reg. No. CCAVBOC013)

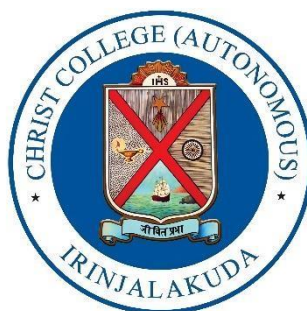
For the award of the degree of

BACHELOR OF VOCATION
IN
INFORMATION TECHNOLOGY
(Calicut University)

Under the Guidance of

MS. JEENA GEORGE

Assistant Professor



DEPARTMENT OF VOCATIONAL STUDIES

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA THRISSUR-

680125, KERALA

2023-2024

DEPARTMENT OF VOCATIONAL STUDIES
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CERTIFICATE

This is to certify that the project report entitled “**ORGANIC STORE**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **ANURAG P.A (Reg.no.CCAVBOC013)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department

Submitted for the External Examination held on

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Examiners:

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I would like to express my sincere thanks to Priya, Senior Developer cum Trainer, and Godly Roy Paliakkara, Developer cum Trainer, Camerinfools Pvt.Ltd for their support and guidance during the development of this project.I thank all other staff of the organisation for their support.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

ANURAG P.A

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1. INTRODUCTION

1.1. SYSTEM OVERVIEW

Organic Store is an online ecommerce platform specializing in the sale of fresh, locally-sourced fruits and vegetables. Our platform offers a diverse selection of organic produce, carefully curated to meet the highest standards of quality and sustainability. With user-friendly navigation and secure payment options, customers can easily browse and purchase their favorite fruits and vegetables from the comfort of their homes. Our dedicated team ensures timely delivery and exceptional customer service, fostering a seamless shopping experience. Committed to promoting health and environmental consciousness, Organic Store promotes the benefits of organic farming practices while supporting local growers and communities.

1.2. OBJECTIVES OF SYSTEM

1. **Increase Sales:** Boost sales revenue by a certain percentage within a specific timeframe, aiming to capitalize on the growing demand for organic produce.
2. **Enhance Customer Engagement:** Improve customer engagement metrics such as website visits, time spent on site, and interaction with product pages through targeted marketing campaigns and user-friendly website features.
3. **Expand Product Range:** Introduce a wider variety of organic fruits and vegetables to cater to diverse customer preferences and dietary requirements, thereby increasing the average order value.
4. **Improve Customer Satisfaction:** Enhance the overall shopping experience by streamlining the checkout process, providing accurate product descriptions, and ensuring timely delivery of fresh and high-quality produce.
5. **Build Brand Awareness:** Increase brand visibility and recognition through social media marketing, influencer collaborations, and participation in relevant industry events or community initiatives.
6. **Optimize Inventory Management:** Implement efficient inventory management practices to minimize wastage, maintain optimal stock levels, and ensure a consistent supply of fresh organic produce to meet customer demand.

7. **Foster Sustainability Practices:** Promote eco-friendly packaging options, minimize carbon footprint through optimized logistics, and support sustainable farming practices to align with the values of environmentally conscious consumers.
8. **Enhance Mobile Experience:** Optimize the mobile shopping experience by developing a responsive mobile app or website, allowing customers to conveniently browse and purchase organic fruits and vegetables on-the-go.
9. **Personalize Marketing Efforts:** Utilize customer data and analytics to segment the target audience and deliver personalized marketing campaigns, promotions, and product recommendations tailored to individual preferences and purchasing behavior.
10. **Strengthen Partnerships:** Collaborate with local farmers, suppliers, and organic certification agencies to ensure the authenticity and quality of the produce, while also fostering long-term partnerships to secure a reliable supply chain.

2. SYSTEM ANALYSIS

2.1. EXISTING SYSTEM

Existing e-commerce sites, including those selling antiques, may face several limitations that can impact their effectiveness and success. Here are some common limitations:

1. **Limited Product Selection:** Some e-commerce sites may have a limited range of products available, which can restrict customer choice and potentially result in missed sales opportunities. This limitation could be due to constraints in sourcing antique items or inventory management challenges.
2. **User Experience Issues:** Poorly designed user interfaces, slow loading times, complex navigation, and unintuitive search functionalities can frustrate users and discourage them from making purchases. Suboptimal user experience can lead to higher bounce rates and lower conversion rates.
3. **Security Concerns:** Security breaches, data theft, and fraudulent activities are significant concerns for e-commerce sites. Inadequate security measures can erode customer trust and damage the reputation of the business. Ensuring robust security

LostAndFoundHub

PROJECT REPORT

Submitted by,

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(Reg. No:CCAVBOC002)

For the award of the degree of

BACHELOR OF VOCATION

IN

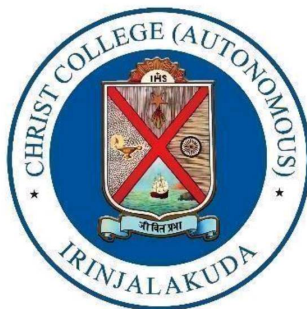
INFORMATION TECHNOLOGY

(Calicut University)

Under the Guidance of

MS. JEENA GEORGE

Assistant Professor



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125,KERALA 2023-2024

DEPARTMENT OF VOCATIONAL STUDIES
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CERTIFICATE

This is to certify that the project
report entitled “LostAndFoundHub” submitted to the
Department of Vocational Studies in partial fulfilment of the requirement for the award of the
B.Voc. Degree programme in Information Technology, is a bonafide record of original research
work done by **Ardhra k s (Reg.no:CCAVBOC002)** during his study under my supervision and
guidance during the year 2023-2024.

Head of the Department
Submitted for the External Examination held on

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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Name:Ardhra ks

REG No:CCAVBOC002

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

Ardhra k s

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FREEDOM/FOOD

PROJECT REPORT

Submitted by,

ASHIK SHIBU

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For the award of the degree of
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IN

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DEPARTMENT OF VOCATIONAL STUDIES

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

THRISSUR-680125, KERALA

2023-2024

DEPARTMENT OF VOCATIONAL STUDIES

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CERTIFICATE

This is to certify that the project report entitled “**FREEDOM/FOOD**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **ASHIK SHIBU (Reg.no.CCAVBOC014)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department

Submitted for the External Examination held on

Examiners:

1

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: vellanchira

Name: Ashik shibu

April 2024

Reg. No: CCAVBOC014

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

ASHIK SHIBU

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INTRODUCTION

Freedom/food is web application created by Django framework. The web application for the delivery app of vegetables and meats serves as a convenient platform for users to browse, select, and purchase fresh produce and meats from local suppliers. With user-friendly interfaces and intuitive navigation, the web app enhances the shopping experience, providing timely deliveries straight to the customer's doorstep. It often includes features like search filters, order tracking, and personalized recommendations to cater to diverse preferences and streamline the entire ordering process. The main feature of this Web application is that the product selected by the customer is cut according to their choice. And can have the ability to help our clients.

. Application

freedom/food is a Web application which contains two application which is a client side and admin side. Admin can add or updates their features where user or clients can apply or register to start the course. Users can search for their preferred category and order

- **System Design**

- **Pre-requisites**

Software requirements:

- Python 3.10 (64-bit)

- **Python modules required:**

- Django framework
 - Pillow

Django framework

Django is a python framework which helps python to create a web application. It is a backend Framework. It contains HTML, CSS, PYTHON files. It can have more than one application. It represents each element as modules and projects.

Pillow

The Python Imaging Library(PIL) adds image processing capabilities to your Python interpreter. This library provides extensive file format support, an efficient internal representation, and fairly powerful image processing capabilities. The core image library is designed for fast access to data stored in a few basic pixel formats. It should provide a solid foundation for a general image processing tool

.

4. This project contains three sections:

- Registration and login
- User UI
- Admin UI

5. Freedom/Food

5.1 Source code:

Addmin_app :

add.html

```
{% load static %}
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<title> Dashboard</title>
```

```
<!-- Google Font: Source Sans Pro -->
```

```
<link rel="stylesheet"
```

```
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
```

```
<!-- Font Awesome -->
```

```
<link rel="stylesheet" href="{% static 'plugins/fontawesome-free/css/all.min.css' %}">
```

```
<!-- Icons -->
```

```
<link rel="stylesheet"
```

```
href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">
```

```
<!-- Tempusdominus Bootstrap 4 -->
```

```
<link rel="stylesheet" href="{% static 'plugins/tempusdominus-bootstrap-4/css/tempusdominus-bootstrap-4.min.css' %}">
```

```
<!-- iCheck -->
```

MEDI ASSIST

Project Report

Submitted by,

ASWIN C.S

(Reg.No.CCAVBOC015)

In partial fulfilment of the requirement for the degree of

BACHELOR OF VOCATIONAL STUDIES

IN

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2024

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CERTIFICATE

This is to certify that the internship training report entitled **“MEDLASSIST”** submitted to the department of vocational studies in partial fulfilment of the requirement for the award of the B. Voc Degree programme in Information Technology, is a bona fide record of original research work done by **ASWIN C.S (Reg.No.CCAVBOC015)** during his study under my supervision and guidance during the year 2023-2024

Date.....

Head Of The Department

Submitted for the external examination held on.....

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Declaration

I do here by declare that the internship training report entitled “**MEDI ASSIST**” submitted to christ college (Autonomous) , irinjalakuda in partial fulfilment of award for Bachelor Of Vocational Degree In Information Technology is record of original work done by me under the guildance of **Miss. Sona Mohan K.P** Python Developer, CAMERINFOLKS PVT LTD, Yohannans Image Center Seaport - Airport Rd, Kakkanad, Kerala 682037

Irinjalakuda

ASWIN C.S

April 2024

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I gratefully acknowledgment my sincere gratitude to **CAMERINFOLKS PVT LTD.** For giving me platform to participate in the workshop and to undertake internship in this esteemed organization.

I take this opportunity to express our thanks to our beloved principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), irinjalakuda and our lectures Mrs.Jeena George and Mrs. Reeja Eugene who gave me the opportunity to do this training.

I also like to express our deep sense of gratitude to Mr. Anzeen,Managing Director of Camerinfools for granting us permission to undergo the internship programme in the organization.

I am also privileged under the guidance of Sona Mohan K.P to correct and improve my industrial qualities as well as learning skills in python. The experience was quiet different from what I learned from college, extending them to a daily life solution. Sure, it will be an asset to me.

I would like to thanks my friends and parents who helped us to gathering different information, collecting data and guiding us from time to time in making this project.

April 2024

Aswin c.s

ABOUT THE COMPANY

Setting a benchmark in the industry, Camerinfoiks Pvt Ltd is the most innovative Training and Recruitment Company strategically located in Kochi, delivering classroom and online trainings across India and other countries. Camerinfoiks Pvt Ltd is another subsidiary of Camerin Group Pvt Ltd. Training in Camerinfoiks Pvt Ltd is the best place for IT and placement training, offering a large number of trending software courses in Kochi. We provide real-time live projects and hands-on practical sessions along with training in Python, DevOps, Java, Android, Flutter and Selenium. Our course content is designed and curated by highly qualified professionals to make these programs the best job oriented in the industry. While training at Camerinfoiks, each student's need is carefully understood and analysed by our counsellors. Based on the analysis and student's interest, they are advised to take the best IT training that will pave their way to step into the corporate world and top MNCs. This is one of the reasons why Camerinfoiks is known as the premier training and placement institute in Kochi.

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1. INTRODUCTION

1.1 About The Project

The project entitled “MEDI ASSIST” is an online web application to donate medicine to the needy. This system allows several companies to donate medicines and cash. This system will help its user by providing a simple user interface for getting their medicine. Using this project each recipient can use a single platform for sailing medicine with cash. The recipient can collect medicine from the nearby branches of a particular medicine company. The admin approves recipients and company, he manages other aspects of the website. Then the company will approve their branches at several places and manages them. The admin can add or remove companies and recipients based on their service time. The project is easy to handle, accurate and timesaving for users. The administrative property of the system provides security features though we can prevent unauthorized access of the software.

1.2 Objective Of The Project

The primary objective of the "MEDI ASSIST" project is to create an online web application dedicated to facilitating the donation of medicine to individuals in need. This system aims to harness the collective contributions of multiple companies, enabling them to donate both medicines and cash to support this humanitarian cause. By providing a user-friendly interface, the project seeks to streamline the process for recipients to access essential medication, ensuring convenience and efficiency. Through centralized coordination, the objective is to establish a single platform where recipients can seamlessly obtain medicines and financial assistance. Additionally, the project aims to enhance administrative oversight, allowing for the approval and management of both recipients and contributing companies. Ultimately, the overarching goal is to create a system that is easy to use, accurate, and time-saving for all users, while also prioritizing security measures to prevent unauthorized access and ensure the integrity of the platform

ARTIFICIAL INTERVIEWER

PROJECT REPORT

Submitted by,

CATHERENE DARLY VARGHESE
(Reg. No. CCAVBOC016)

For the award of the degree of

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IN

INFORMATION TECHNOLOGY

(Calicut University)

Under the Guidance of

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Assistant Professor



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125, KERALA

2023-2024

DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
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CERTIFICATE

This is to certify that the project report entitled “ARTIFICIAL INTERVIEWER” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by CATHERENE DARLY VARGHESE(Reg.no.CCAVBOC016) during her study under my supervision and guidance during the year 2023-2024.

Head of the Department

Submitted for the External Examination held on

Examiners:

1

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: Irinjalakuda

Name: CATHERENE DARLY VARGHESE

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Reg No: CCAVBOC016

ACKNOWLEDGEMENT

This study has been made possible due to the cooperation assistance and conservative suggestions of many to whom I would like to express my sincere gratitude and thanks. First of all, I thank Lord Almighty for his abundant blessings bestowed us for the successful completion of my project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Mrs. Jeena George, Mrs. Reeja Eugene and Mrs. Francy T.L. who gave me the opportunity to do this project.

I would like to thank my friends and parents who helped me for gathering different information, collecting data and guiding me from time to time in making this project.

CATHERENE DARLY VARGHESE

ABSTRACT

Job Interviews are very important part of both the candidates and also for the company. So it is very essential to conduct interviewing process effectively. For traditional interviewing process there are several limitations. Interviewing a large number of candidates can be time-consuming for both the interviewer and the candidates. Different interviewers may ask different questions and evaluate candidates differently, leading to inconsistency in the hiring process. Traditional interviews may only allow companies to consider a limited pool of candidates, as they may not have the resources to interview all potential candidates. So it is necessary to replace the traditional interviewing with an AI as we are living in the age of AI. My system conducts a job interview with a human candidate and provide a hiring recommendation based on the responses given. The project involved designing and implementing the artificial interviewer, as well as evaluating its performance through a series of user studies. The project mainly uses techniques like Natural Language Processing (NLP), Convolutional Neural Network (CNN), for processing the input given by user. There are several potential benefits to using an artificial interviewer in the hiring process like efficiency, objectivity, consistency, cost-effectiveness. Overall, the use of an artificial interviewer has the potential to streamline the hiring process, increase efficiency, and reduce bias, making it an attractive option for companies looking to hire new employees.

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CHAPTER 1

INTRODUCTION

INTRODUCTION

As we are living in twenty first century, we are very much aware about the advancement of artificial intelligence in the society. Day by day in almost all part of the life artificial intelligence is taking place. Not only in the field of computer science but all the field of study are now under artificial intelligence. The reason for this is because artificial intelligence has advanced so much that it can be used in a place where human intervention is needed. As we are witnessing now robots are now assisting humans in doing important health related surgeries and treatments. Technocrats like Elon Musk has built an Artificial intelligence system called open AI that will clear almost all doubts that we ask.

So, if we think about different areas where the intervention of Artificial Intelligence would really be helpful, the last thing that comes to our mind would be Recruitment process. The reason why it is not coming to our mind is because we still haven't understood what Artificial intelligence is capable of doing. But recruitment process is an important area where we have to give focus on. The reason for that is because a company has to put so much effort in to this area for their own sustainability. But the truth is that in today's competitive worlds no organization has the time to perform the recruitment process properly and efficiently. As a result the companies are losing so much effort and time but they are not getting the right candidates for the job. Moreover the candidates are evaluated by an efficient AI which results in accurate selection process.

So, what we have to change is that let the Artificial intelligence handle those recruitment tasks so that the companies can work on their projects very well. So, what we are proposing is that, an efficient Artificial Intelligence system can analyze all the job applicants and the same Artificial Intelligence will conduct the interview and it will filter out the best candidates from a pool of candidates. So now the companies are not losing their valuable time and also they are getting the right candidates for their company. Thus Artificial Intelligence can be an important part of the recruitment process.

HAZE DECORATIONS

PROJECT REPORT

Submitted by,

GAUTHAM KRISHNA M S
(Reg. No.CCAVBOC017)

For the award of the degree of

BACHELOR OF VOCATION
IN
INFORMATION TECHNOLOGY
(Calicut University)

Under the Guidance of

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Head of the Department

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ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I would like to express my sincere thanks to Priya, Senior Developer cum Trainer, and Godly Roy Paliakkara, Developer cum Trainer, Camerinfools Pvt.Ltd for their support and guidance during the development of this project.I thank all other staff of the organisation for their support.

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GAUTHAM KRISHNA M S

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1. INTRODUCTION

1.1.SYSTEM OVERVIEW

The commerce site specializes in home and garden decorations, offering an extensive selection of products ranging from furniture and wall art to lighting fixtures, planters, and garden sculptures. Users navigate through intuitive categories and filter options to discover items tailored to their preferences, supported by comprehensive descriptions, high-quality images, and authentic customer reviews. Secure payment gateways and robust encryption protocols prioritize transaction security and user privacy, ensuring a safe shopping experience.

Personalized features, such as recommendations based on browsing history and wish lists for saving favorite items, enhance user engagement and satisfaction. The platform's responsive design ensures seamless access across various devices, accommodating both desktop and mobile users. Dedicated customer support channels, including live chat and email assistance, are available to address inquiries and provide guidance throughout the purchasing journey. Regular updates and promotional offers keep users informed about new arrivals, discounts, and seasonal collections, fostering customer loyalty and enhancing the overall shopping experience.

1.2.OBJECTIVES OF SYSTEM

1. Offer a diverse range of high-quality home and garden decorations, including furniture, lighting fixtures, wall art, planters, garden sculptures, and more, catering to various tastes and preferences.
2. Prioritize user experience by providing intuitive navigation features, robust search functionality, and user-friendly interfaces, ensuring customers can easily find and explore products of interest.
3. Implement stringent security measures, including secure payment gateways and encryption protocols, to safeguard sensitive customer data and transactions, fostering trust and confidence in the platform.

4. Enhance customer engagement through personalized features such as tailored product recommendations based on browsing history and the option to create wish lists, facilitating a more personalized shopping experience.
5. Maintain a comprehensive product catalog with detailed descriptions, high-resolution images, and user-generated reviews, enabling customers to make informed purchasing decisions.
6. Keep customers informed about new arrivals, discounts, and seasonal promotions through regular communication channels, including email newsletters and social media updates.
7. Foster transparency and reliability through clear policies, responsive customer support, and a commitment to addressing customer inquiries and concerns promptly.
8. Encourage user interaction and feedback to continually improve the shopping experience and meet evolving customer needs and preferences.
9. Ensure seamless accessibility across devices with responsive design, accommodating both desktop and mobile users.
10. Aim to establish the commerce site as a trusted destination for home and garden decorations, fostering customer loyalty and satisfaction through exceptional service and product offerings.

2. SYSTEM ANALYSIS

2.1.EXISTING SYSTEM

1. Product Range: The e-commerce platform offers a diverse array of home decorations and garden decorations, spanning furniture, lighting, wall art, planters, garden sculptures, and more to cater to varied customer tastes and preferences.

HAZE DECORATIONS

PROJECT REPORT

Submitted by,

GAUTHAM KRISHNA M S
(Reg. No.CCAVBOC017)

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Head of the Department

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ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

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2.1.EXISTING SYSTEM

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2D CNC PLOTTER

PROJECT REPORT

Submitted by,

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For the award of the degree of

BACHELOR OF VOCATION
IN
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CERTIFICATE

This is to certify that the project report entitled “2D CNC Plotter” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **Hendry. K. Francis (Reg.no.CCAVBOC019)** during his study under my supervision and guidance during the year 2023-2024.

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special thanks to my parents, Mr. Sunil paul (CEO, SRISHTI ROBOTICS TECHNOLOGIES Pvt. Ltd, Kochi.) without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

Hendry. K. Francis

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1. Introduction

1.1. Goal

The main aim or goal of this IoT based project is to create a 2D CNC Plotter AKA a handwriting machine that's built using motors and microcontroller and that works using Gcode.

This machine can be used with any pen, pencil, or other drawing tool to write on a paper or any notebook for works such as homework, drawing, sketching, calligraphy, art, etc.

1.2. Theory

It uses an Arduino and a CNC shield V3.0, with stepper motors and stepper motor drivers to enable the movement in x and y direction. I have used aluminium profiles and 3D printed plates for the machine structure. Rubber feet are added for stability on smooth surfaces. I have used belts and pulleys for linear motion from the motors to the plates. For power supply I have used a 12V 2A power adapter. After powering the machine, connect it to a computer and use universal gcode sender software to send the gcodes to the machine. You can take any text or image file in Inkscape and convert it into a gcode in very few and simple steps. Once the gcode is ready, open it in the universal gcode sender, connect the COM port of the Arduino and you can start executing the file. You can also change the speed and acceleration of the machine in the firmware settings menu under the machine tab of the universal gcode sender software.

This project has some new ideas which include improved pen lifting mechanism, clip type pen holder for easy attachment and removal of any kind of pen, tilt mechanism to set the pen at any angle.

2. Application

A CNC plotter machine is a 3D controlled 2D plotting machines which uses a pen to draw text or image on any given solid surface. It can be used for the purposes such as PCB Design, logo design, etc.

Plotters are used to print out huge graphs, designs, and other types of paper-based documents, such as engineering drawings, business charts, construction maps, and architectural blueprints. A plotter is a freestanding device with a CPU of its own, or it is a computer added as a peripheral to another computer system.

3. Benefits

Thus, the desired text/shape is achieved with ease, when the motors move along concerning X-Y axis and subsequently pen touches the sheet to draw text/shape. Hence, it is stated that more real-world applications could also be achieved using the plotter device.

4. Future scope

The pen of the machine can be replace by a leaser to make it work like a leaser cutting machine engraving machine can be use on wood the pen can also be replace with a powerful drill so that it can be used for both drilling and milling purposes the servo can be replace with a stepper motor and pen with a 3D pen to make it a 3D printer which can print object with dimension by extrapolation of the axis the working area of the machine can be extended keeping the algorithm unaltered. Further the applications of proposed CNC 2D sketcher can also be extended in the field of printed circuit boar PCB drawing and drilling electrical discharge machining (EDM), metal removal and fabrication lettering and logo designs or engraving as well.

DIZZY MOON

PROJECT REPORT

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CERTIFICATE

This is to certify that the project report entitled" **DIZZY MOON**" submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **LEND S VARGHESE (Reg.no.CCAVBOC021)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department

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LENUS VARGHESE

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1. INTRODUCTION

1.1. SYSTEM OVERVIEW

Welcome to the final report detailing the development and implementation of our e-commerce website dedicated to selling rave wears. In today's digital age, e-commerce platforms have become indispensable for businesses seeking to reach and engage with their target audience. Our project focuses on catering to the vibrant and expressive community of rave enthusiasts, providing them with a dedicated online platform to discover and purchase unique rave attire.

The system we have developed is designed to offer a seamless and user-friendly shopping experience, with intuitive navigation, visually appealing product displays, and efficient checkout processes. Leveraging modern web technologies and responsive design principles, our platform ensures accessibility across various devices, enabling users to shop conveniently from desktops, laptops, tablets, and smartphones. .

1.2. OBJECTIVES OF SYSTEM

The primary objective of our e-commerce website for selling rave wears is to provide a user-friendly and engaging platform that caters to the unique needs and preferences of the rave community. Specifically, our system aims to achieve the following goals:

1. **Curate a Diverse Product Range:** We seek to offer a wide selection of rave attire, including clothing, accessories, and pendants, to accommodate the diverse styles and tastes within the rave community
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10. **Stay Ahead of Trends:** Keep abreast of emerging trends and developments within the rave fashion industry, and adapt the product offerings and marketing strategies accordingly to maintain a competitive edge in the market.

BVOC BYTES
PROJECT REPORT

Submitted by,

LEEN MARIYA

(Reg No.CCAVBOC020)

In partial fulfillment of the requirement for the degree of

BACHELOR OF VOCATIONAL STUDIES
IN
INFORMATION TECHNOLOGY

(Calicut University)



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125, KERALA
2023-2024

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CERTIFICATE

This is to certify that the project report entitled “ **BVOC BYTES**” submitted to the Department of Vocational Studies in partial fulfillment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original project work done by **LEEN MARIYA (Reg. No.CCAVBOC020)** during his study under my supervision and guidance during the year 2023-2024

Submitted for the External Examination held on.....

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

LEEN MARIYA

BVOC BYTES

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INTRODUCTION

1.1 About the Project

The “**BVOC BYTES**” Project abstract outlines the comprehensive study materials for Bachelors of vocational (BVOC) students.

This project aims to provide a centralized resource for Bvoc students to access organized and structured notes covering a wide range of subjects.

The abstract emphasizes the importance of such a project in enhancing learning outcomes, promoting self-study, and aiding in exam preparation for Bvoc students. It highlights the collaborative effort involved in creating high-quality, up-to-date content that aligns with the curriculum and caters to the diverse learning needs of students pursuing a degree in computer applications. This project stands at the intersection of technology, education, and collaboration, aiming to transform the traditional study process into a more engaging, efficient, and effective experience. By consolidating a wide range of subjects under the Bvoc curriculum into a singular platform, the project seeks to empower students with the tools they need for self-study, revision, and examination preparation. It addresses a significant gap in educational resources available to computer applications students, offering them a cohesive set of notes that are not only aligned with their curriculum but also adaptable to the varied learning styles and paces of individual learners.

In conclusion, the Bvoc Bytes Project embodies a proactive step towards redefining educational resources for computer applications students. Through this initiative, we aim to enhance learning outcomes, facilitate self-directed study, and streamline exam preparation, ultimately contributing to the success and empowerment of Bvoc students across the globe. As we move forward, we remain committed to expanding and refining our resources, ensuring that they remain at the forefront of educational excellence and relevance in the field of computer applications

2. System Overview

The “**BVOC BYTES**” Project is envisioned as a centralized digital platform specifically tailored for Bachelor of Vocational (Bvoc) students, aiming to significantly enhance their academic journey. It provides a comprehensive collection of organized, structured notes across a broad spectrum of subjects integral to the Bvoc curriculum. This initiative underscores the importance of high-quality, current educational materials in improving learning outcomes, facilitating self-study, and optimizing exam preparation. A distinctive feature of the project is its collaborative foundation, involving educators, experts, and students in the continuous development and refinement of content. This ensures that the materials are not only in alignment with the academic syllabus but are also responsive to the evolving educational needs and preferences of a diverse student body. The Bvoc Bytes Project represents a strategic confluence of knowledge sharing, technological innovation, and community engagement, all directed towards empowering students with reliable, accessible, and effective learning resources.

DIZZY MOON

PROJECT REPORT

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IN

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(Calicut University)

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Head of the Department

Submitted for the External Examination held on

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I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy TL who gave me the opportunity to do this project.

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1. INTRODUCTION

1.1. SYSTEM OVERVIEW

Welcome to the final report detailing the development and implementation of our e-commerce website dedicated to selling rave wears. In today's digital age, e-commerce platforms have become indispensable for businesses seeking to reach and engage with their target audience. Our project focuses on catering to the vibrant and expressive community of rave enthusiasts, providing them with a dedicated online platform to discover and purchase unique rave attire.

The system we have developed is designed to offer a seamless and user-friendly shopping experience, with intuitive navigation, visually appealing product displays, and efficient checkout processes. Leveraging modern web technologies and responsive design principles, our platform ensures accessibility across various devices, enabling users to shop conveniently from desktops, laptops, tablets, and smartphones. .

1.2. OBJECTIVES OF SYSTEM

The primary objective of our e-commerce website for selling rave wears is to provide a user-friendly and engaging platform that caters to the unique needs and preferences of the rave community. Specifically, our system aims to achieve the following goals:

1. **Curate a Diverse Product Range:** We seek to offer a wide selection of rave attire, including clothing, accessories, and pendants, to accommodate the diverse styles and tastes within the rave community
2. **Ensure Seamless User Experience:** Our platform prioritizes intuitive navigation, visually appealing product displays, and efficient checkout processes to create a hassle-free shopping experience for users.

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10. **Stay Ahead of Trends:** Keep abreast of emerging trends and developments within the rave fashion industry, and adapt the product offerings and marketing strategies accordingly to maintain a competitive edge in the market.

JOB PORTAL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted by,

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This is to certify that the project report entitled “**JOB PORTAL MANAGEMENT SYSTEM**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **MAYA TB (Reg.no.CCAVBOC022)** during his study under my supervision and guidance during the year 2023-2024.

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

MAYA T B

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1. INTRODUCTION

1.1.SYSTEM OVERVIEW

Technology is a never-ending process. In this project we have developed a simple online job portal system. This project aims to provide jobs through an online platform and organization can post their job vacancy through this job platform. In this scenario of the assignment, we are required to develop a web based application on job portal management system.

In this time of recession where everyone, is either experienced or fresher, is in search for job. This job portal can prove to be very helpful since it allows users of different profile to upload their cv's, search job on the basis of their qualification. Every user can access through user id and apply for multiply jobs at a time.

1.2.OBJECTIVES OF SYSTEM

The online job Portal System that is to be developed provides the members with jobs information, online applying for jobs and many other facilities. This system provides service to the job applicants to search for working opportunities. Job Portal will allow job provider to establish one to one relationships with candidates.

This Portal will primarily focus on the posting and management of job vacancies. This system is designed such that ultimately all vacancies will be posted online and would offer employers the facilities to post their vacancies online. It helps to review and manage the resulting applications efficiently through the web. Employer can also find the resume according to key skill in very less amount of time.

2. SYSTEM ANALYSIS

2.1. EXISTING SYSTEM

In this job portal management system, if we take the current system and compare it with the proposed it is far behind and the job seeker need to verify/ keep track of employment related magazines for current openings in several organizations. And the job providers must publish ads in magazines, which is a cost effective activity. Even for appearing in primary selection, the job seekers need to go the organization, which is a time taking process. The organization need to facilitate huge crowd for selecting people, even for preliminary selection, which includes lot of man power.

Some major drawbacks of the existing system:

- Required a lot of paperwork and the process takes time.
- Everything is done on paper and these are highly prone to damages and require a good amount of security and space to store.

- Required Buying of goods more frequently as compared to the online system e.g.: paper, pen.
- Likely to have an error.
- Lack of storage space for handwritten documents.
- Require more time.
- Information is not available globally to both employer and employees hence location restriction.

2.2. PROPOSED SYSTEM

This project has been mainly designed to overcome some of the problems faced with the previous system. The main problem faced was unnecessary delay in generating the required information by all unnecessary fields into consideration. It provides an efficient way to pass the information between different users to cater their needs. It is a Complete Portal for Job seekers and employers. It is an exclusive career portal aimed just for the service of job seekers.

It is a common platform where corporate recruiters and job seekers come under roof. It is a one stop information clearing house about jobs and careers. Job Miller mainly aims on two kinds of users A. Jobseekers Search jobs, post your resume and access career info and download sample resumes, Papers of various recruiters and sample cover letters etc. and can upload any useful info. B. Employers Get instant access to today's most powerful hiring tools - post jobs, search resumes, screen candidates and streamline your entire hiring process.

2.3. ADVANTAGES OF PROPOSED SYSTEM

Faster and efficient system of Wider range services available under one roof. Highly Secure and Portable application provides a facility for the Job Seekers to track their job details he has applied for. Provides a facility for the Employer to search for required people very easily. Provides efficient search mechanism using dynamic query generation.

2.4. REQUIREMENT ANALYSIS

2.4.1. IDENTIFICATION OF NEED

Needs identification is the process of discovering variety of jobs through this system and employee can easy to find their interest jobs through online job portal management system and employer can post their jobs for their organization. It is independent platform those who using this online job portal management system. This project meets the capability to organize to search jobs and posts the jobs and it is very secure.

2.4.2. PRELIMINARY INVESTIGATION

The existing system today is manual. Some places use Computer but that doesn't do the work of reducing manual labour. The proposed system is an automated system which is very user friendly and organizes the important data related to the job portal. It makes it easier for the users to register online and also to view list of jobs and before using this job portal system hence making it more convenient for them to choose a job favourable for them. It also keeps a track of their job interest.

GURU99 Website Testing

PROJECT REPORT

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CERTIFICATE

This is to certify that the project report entitled “**GURU99 Website Testing**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc Degree programme in Information Technology, is a bona fide record of project work done by **Milan Roy (Reg.no.CCAVBOC004)** during his study under my supervision and guidance during the year 2023-2024.

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I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I would like to express my sincere thanks to Ebin Kurian, Senior Developer cum Trainer and Sherona T.K, Mern Developer cum Trainer, Camerinfools Pvt. Ltd. for their support and guidance during the development of this project. I thank all other staff of the organisations for their support.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Mrs. Jeena George, Mrs. Reeja John and Mrs. Francy T L who gave me the opportunity to do this project.

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1. INTRODUCTION

1.1. SYSTEM OVERVIEW

The GURU99 website (<https://demo.guru99.com/telecom/index.html>) serves as a simulated platform for a telecom service provider and is utilized primarily for educational purposes. It offers a simulated environment where users can interact with various telecom service functionalities, including account management, bill payment, and service activation. The website is designed to provide hands-on experience and practical knowledge in the telecom domain. There we testing the GURU 99 website manually and automation .automation I do in selenium language in testng framework.

1.2OBJECTIVES

The GURU99 is reliable, efficient, and meets the user's requirements. Preventing defects is an essential part of the testing process. If defects are not prevented, they can become errors or bugs in the final product, which can lead to significant problems. Identifying defects is also essential because it helps to improve the quality of the software by identifying and removing defects. The following are the typical objectives of software testing:

1. To evaluate the functionality of key features such as account creation, bill payment, and service activation.
2. To assess the usability and user experience of the website, identifying any areas for improvement.
3. To uncover defects and vulnerabilities that may impact the performance and reliability of the website.
4. To determine the effectiveness of both manual and automation testing approaches in achieving testing objectives.
5. To ensure that the software is user-friendly and meets the user's needs.
6. To validate that the software meets the specified requirements and functionality.

1.3 ABOUT THE WEBSITE

The website GURU99 under test, located at <https://demo.guru99.com/telecom/index.html>, serves as a demonstration platform for a telecom service provider. Below is a description of the key features and functionalities of the website:

1. **Homepage:** The homepage provides an overview of the telecom services offered by the provider. It may include promotional banners, featured services, and links to various sections of the website.
2. **Services:** The website likely includes sections dedicated to different telecom services offered, such as mobile plans, internet packages, landline services, and value-added services like roaming and international calling.
3. **Plans and Pricing:** Users can explore different subscription plans and pricing options available for various services. This section may include details such as plan features, pricing tiers, contract terms, and any promotional offers or discounts.
4. **Customer Support:** The website likely provides resources for customer support, including FAQs, troubleshooting guides, contact information, and options for live chat or email support.
5. **Account Management:** Users may have access to account management features, allowing them to log in, view account details, manage subscriptions, make payments, and update personal information.
6. **Coverage Maps:** Depending on the telecom provider, the website may include interactive coverage maps showing network coverage areas for mobile, internet, and other services.
7. **Promotions and Offers:** Users can explore current promotions, special offers, and deals available from the telecom provider. This may include discounted plans, bundle packages, and incentives for new customers.
8. **About Us:** A section providing information about the telecom company, its history, mission, values, and corporate social responsibility initiatives. It may also include details about the company's leadership team and corporate governance.
9. **News and Updates:** Users can stay informed about the latest news, announcements, and updates from the telecom provider. This section may include press releases, blog posts, and articles covering industry trends and developments.
10. **Accessibility and Responsiveness:** The website is expected to be accessible and responsive, ensuring that users can access and navigate the site seamlessly across different devices, including desktops, laptops, tablets, and smartphones.

Overall, the website serves as a comprehensive platform for users to explore, subscribe to, and manage telecom services offered by the provider. It aims to provide an intuitive and informative user experience while showcasing the company's offerings and promoting customer engagement.

2.SYSTEM ANALYSIS

2.1. EXISTING SYSTEM

Understanding the existing system is crucial for effective website testing. Here's a breakdown of what you should consider when analyzing the existing system:

1. **Functionalities:** Identify all the features and functionalities of the current website. This includes navigation menus, forms, search functionality, user registration, e-commerce features (if applicable), content management system (CMS) capabilities, and any other interactive elements.
2. **Architecture:** Analyze the underlying architecture of the website, including server-side technologies, client-side technologies (e.g., JavaScript frameworks), databases, and content delivery networks (CDNs). Understanding the architecture helps in planning compatibility and performance testing.
3. **Technologies Used:** Determine the technologies used in building the website, such as programming languages (e.g., HTML, CSS, JavaScript, PHP), frameworks (e.g., Bootstrap, AngularJS, React), and third-party integrations (e.g., payment gateways, social media APIs). This information is essential for conducting compatibility testing and identifying potential integration issues.
4. **User Interface (UI) and Design:** Evaluate the existing UI design, including layout, typography, color scheme, branding elements, and overall visual aesthetics. Understanding the design principles helps in assessing usability and conducting usability testing.
5. **Content:** Review the content of the website, including text, images, videos, and multimedia elements. Assess the quality, relevance, and accuracy of the content, as well as its organization and presentation. Content analysis informs usability testing and ensures that users can access and interact with the information effectively.
6. **Performance Metrics:** Gather data on the website's performance metrics, such as page load times, server response times, and uptime/downtime statistics. Analyze any historical performance issues or bottlenecks that have been encountered. This information guides performance testing and optimization efforts.
7. **Security Measures:** Assess the existing security measures implemented on the website, including SSL/TLS encryption, user authentication mechanisms, data encryption, and server-side security configurations. Identify any past security incidents or vulnerabilities that have been addressed. Security analysis helps in planning security testing and ensuring compliance with security standards.
8. **User Feedback:** Collect feedback from users, stakeholders, and customer support channels regarding their experiences with the current website. Identify common pain points, usability issues, bugs, and feature requests reported by users. User feedback provides valuable insights for usability testing and prioritizing improvements.
9. **Regulatory Compliance:** Determine any regulatory requirements or industry standards

E-BIKE ROAD ASSISTANCE

PROJECT REPORT

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Python Developer



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125, KERALA
2023-2024

**DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR, KERALA, PIN-680125**



CERTIFICATE

This is to certify that the project report entitled “**E-BIKE ROAD ASSISTANCE**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.VocDegree programme in Information Technology, is a bonafide record of original project work done by **MOHAMED NAHEEL SHARAFUDEEN (Reg.no.CCAVBOC023)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department

Submitted for the External Examination held on

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CAMERINFOLKS PVT LTD

PROJECT CERTIFICATE

This is to certify that **Mr. Mohamed Naheel Sharafudeen** (Reg no: CCAVBOC023), student of Christ College Irinjalakkuda has undertaken a Main project on **"E-Bike Road Assistance"** in our Organization from 15th December 2023 to 31st March 2024.

He has successfully completed the project and during the period he was disciplined and hardworking.

We wish success in all his future endeavors.

For Camerinfo PVT. Ltd

Anzeen R.A
Manager HR & Training



DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: Irinjalakuda

**Name: MOHAMED NAHEEL
SHARAFUDEEN**

Date:

Reg. No: CCAVBOC023

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I would like to express my sincere thanks to Sona Mohan KP, Python Developer, Camerinfools Pvt. Ltd. for their support and guidance during the development of this project. I thank all other staff of the organisations for their support.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Mrs. Jeena George, Mrs. Reeja John and Mrs. Francy T L who gave me the opportunity to do this project.

MOHAMED NAHEEL SHARAFUDEEN

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1. INTRODUCTION

1.1.SYSTEM OVERVIEW

E-Bike Road assistance typically involves services like tire repair, battery replacement, and technical support for electric bikes. Some companies offer roadside assistance plans specifically tailored for e-bike riders, providing help in case of breakdowns or emergencies while on the road.

An e-bike road assistance system typically consists of several components:

1. **User Interface:** This can be a mobile app or a web portal where e-bike riders can request assistance, track their service requests, and communicate with support staff.
2. **Dispatch System:** A backend system that receives assistance requests from users and dispatches service providers or technicians to the location of the e-bike breakdown.
3. **Service Providers:** These are individuals or companies equipped to provide on-the-spot assistance to e-bike riders. They may be mobile technicians with tools and spare parts, or they could be affiliated with repair shops or e-bike manufacturers.

1.2.OBJECTIVES OF SYSTEM

The objective of an e-bike road assistance system is to provide timely and effective support to e-bike riders encountering mechanical issues or emergencies while on the road. The system aims to achieve the following objectives:

- 1.**Enhance Rider Safety:** By offering roadside assistance services, the system enhances the safety of e-bike riders by ensuring that they have access to help in case of breakdowns or emergencies, reducing the risks associated with stranded riders.

INTRODUCTION

1.1 About the Project

The objective of APPLICATION FOR RIDERS project is to develop a system that automates the processes and activities of a travel and the purpose is to design a system using which one can perform all operations related to traveling. In the present system a customer has to approach various agencies to find details of places. This often requires a lot of time and effort. A customer may not get the desired information from these offices and often the customer may be misguided. It is tedious for a customer to plan a particular journey and have it executed properly. The proposed system is a web-based application and maintains a centralized repository of all related information. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can decide about places they want to visit and make bookings online for travel. For, most of the riders its speed and thrill that keeps them on their motorcycle and nothing compares to the simple pleasure of riding vehicles. Before riding make sure you and your bike ready to ride. In this project I am creating a software that provide the rider's requirements. In this system admin gives the package and the interested riders book the Package through given the package. and rent system available on this website.

In an era where time is of the essence and convenience is paramount, the need for streamlined travel solutions has become increasingly evident. Traditional methods of planning trips often entail arduous processes, from seeking information across various agencies to facing the possibility of misinformation or misguided guidance. This inefficiency not only consumes valuable time but also detracts from the overall travel experience.

The APPLICATION FOR RIDERS project aims to revolutionize the travel industry by introducing a comprehensive system that automates and centralizes all travel-related activities. By harnessing the power of web-based technology, this system offers users unparalleled access to a wealth of information and the ability to effortlessly make travel arrangements. No longer will travelers need to navigate through multiple sources or rely on potentially unreliable information.

At the heart of this project lies the desire to cater specifically to the needs of riders, who find joy and thrill in the simple pleasure of riding vehicles. Whether it's the speed of the open road or the excitement of exploring new destinations, riders seek experiences that fulfill their passion for adventure. However, ensuring a smooth and seamless journey requires meticulous planning and preparation.

This software solution serves as a comprehensive toolkit for riders, providing them with everything they need to embark on their next adventure. From accessing detailed information about destinations to booking travel packages tailored to their preferences, the system offers a one-stop platform for all their travel needs.

Additionally, the inclusion of a rental system ensures that riders can easily procure the necessary equipment to make their journey a success.

Underlying the entire system is the commitment to efficiency, reliability, and user satisfaction. By centralizing information and streamlining processes, APPLICATION FOR RIDERS empowers riders to focus on what they love most – the thrill of the ride. Whether it's a solo expedition or a group adventure, this software solution promises to enhance the overall travel experience, making every journey a memorable one.

2. System Overview

The "Riders" project aims to revolutionize the travel experience by developing a comprehensive system that automates and simplifies the intricacies of journey planning. The existing system, marked by the need for customers to navigate multiple agencies for travel information, is time-consuming and often leads to misinformation. To address these challenges, the proposed web based application establishes a centralized repository of travel-related data, allowing users to effortlessly access pertinent information and make seamless travel arrangements. This user centric system enables individuals to decide on destinations, facilitating online bookings. For avid riders, the project emphasizes the allure of speed and thrill inherent in motorcycle journeys, considering it a source of pure joy. Additionally, the system incorporates a rental component, providing users with the flexibility to hire motorcycles for their adventures. Admins play a pivotal role in offering tailored packages, which interested riders can conveniently book through the platform. As safety is paramount, the system encourages users to ensure both themselves and their bikes are prepared before embarking on any ride. Overall, the "Riders" project is poised to redefine the travel experience, offering a user-friendly interface that combines convenience, efficiency, and the exhilaration of motorcycle exploration.

2.1 Objective of System

The objective of the "Riders" project is to develop a comprehensive web-based application that revolutionizes the processes and activities involved in travel planning, specifically tailored to the preferences and needs of motorcycle enthusiasts. The current system, marked by the inconvenience of customers having to approach various agencies for travel details, is time-consuming and prone to misinformation. The proposed system seeks to address these challenges by creating a centralized repository of travel-related information, facilitating easy access for users and streamlining travel arrangements. The overarching goal is to provide a user-friendly platform where riders can effortlessly decide on destinations, make online bookings, and indulge in the excitement and speed intrinsic to motorcycle journeys. Additionally, the system includes a rental component, allowing users to conveniently hire motorcycles for their trips. The project aims to enhance the overall travel experience by offering a seamless, efficient, and enjoyable solution, ensuring that users are well-prepared for their rides and can easily access the information they need for a memorable journey.

3. System Analysis

System analysis is a step-by-step process used to identify and develop or acquire the software need to control the processing of specific application. System analysis is a continuing activity the stages of the systems development. System analysis is the process of gathering and interpreting facts, diagnosing problems and using the facts to improve the system. The outputs from the organization are traced through the various processing that the input phases through in the organization. This involves gathering information and using structured tools for analysis. A detailed study of this process must be made by various techniques like interviews; questionnaires etc. It is necessary to have such a good system analysis and then by a project development cycle so that the project can be completed in a strictly manner and able to finish with the desired time. The analyst must be so careful about his responsibilities. As the next step the current system analysis is done which identifies the real need of establishing our project in the environment, its opportunities and constraints etc... All of the steps discussed above are collectively known as the system analysis.

3.1 Existing System

Existing system consist of only clubs and trips. It does not have any centralized and separate websites for trippers.

3.2 Proposed System

The primary objective of the proposed system design is to overcome the drawbacks of the existing system and reduce the manual work. We can achieve this objective by computerizing the whole activities that are carried out manually. Computerization will reduce manual work and produce desired information efficiently and quickly. Proposed system is a computerized system. It is very user friendly. In this, we develop a list of clubs and shops. And a user can go trip and buy spare parts at same time. In this Admin will gather all the information about clubs, shop and store into the database. And user can view the information about the system.

3.3 Advantages of Proposed System

- User interface
- Faster access information
- Save time and money
- The website is easy and flexible to use.
- Easy to access
- Efficient Traceability
- Large data can be accessed within a small time

- **Online Booking Capability:** The system allows users to make online bookings for travel packages. This feature enhances convenience for customers, as they can complete the booking process from the comfort of their homes, reducing the need to physically visit offices.
- **Efficient Travel Arrangements:** With the proposed system, users can efficiently plan and execute their journeys. This eliminates the tedious process of manually coordinating travel arrangements and ensures a smoother travel experience.
- **Enhanced Efficiency for Admin:** The admin can efficiently manage and offer travel packages through the system. This includes updating information, adding new packages, and monitoring bookings, contributing to overall operational efficiency.
- **Centralized Information Repository:** The system maintains a centralized repository of all relevant travel information. This eliminates the need for customers to approach multiple agencies for details, saving time and effort.

3.4 Requirement Analysis

The "APPLICATION FOR RIDERS" project aims to automate and simplify travel processes, replacing the current tedious system where customers must approach various agencies. The proposed web-based application establishes a centralized repository for travel information, offering easy access and online booking for travel packages. Specifically designed for riders who value speed and thrill, the system allows users to decide on destinations, make online bookings, and even includes a rental system. The requirement analysis emphasizes the need for a user-friendly interface, secure online booking, real-time updates, and efficient administrative tools to ensure a comprehensive and tailored solution for an enhanced travel experience.

3.4.1 Identification of Need

The identified needs revolve around enhancing the travel experience by streamlining processes and addressing specific challenges. The proposed system aims to eliminate the tedious nature of traditional travel methods, providing a centralized repository for information to prevent misguidance. Prioritizing user convenience, the system introduces online booking features and ensures a user-friendly interface for easy access to travel details. Tailoring solutions for motorcycle enthusiasts, the system incorporates specialized packages and a rental system. Key components include real-time updates, efficient administrative tools, and seamless integration of a rental system, collectively offering a comprehensive and efficient travel solution.

3.4.2 Preliminary Investigation

The preliminary investigation for the "APPLICATION FOR RIDERS" project involves a comprehensive examination of the current manual travel planning system. This analysis identifies challenges, such as the time-consuming process of visiting multiple agencies and the risk of customer misguidance. The focus extends to understanding the specific needs of motorcycle enthusiasts, ensuring that the proposed web-based application tailors solutions for their love of speed and thrill. The investigation assesses the feasibility of implementing user friendly interfaces, robust online booking systems, and efficient administrative tools. Additionally, it explores the integration of a rental system and mechanisms for real-time updates to provide a comprehensive solution that streamlines travel processes and enhances user satisfaction.

3.5 Feasibility Study

A feasibility study is a test of a system proposal according to its workability, impact on the security of the organization, ability to meet user needs, and effective use of resources. The objective of a feasibility study is not to solve problem but to acquire a sense of its scope. During the study, the problem definition is crystallized and aspects of the problem to be included in the system are determined. The result of the feasibility study is a formal document detailing the nature and scope of the proposed system developed given existing budgetary constraints. The key considerations involved in the feasibility analysis are economic, technical, behavioral and operational.

3.6 Project Planning

The "Application for Kerala Riders" project begins with a thorough initiation, defining objectives and roles. A detailed charter encapsulates essential goals. The subsequent phases involve requirements analysis, gathering detailed project requirements, and system design, creating a robust architecture and interfaces. The development phase systematically implements core functionalities and leverages appropriate technologies. Rigorous code quality checks maintain high standards. Testing includes unit and user acceptance testing. Deployment follows a meticulous plan, resolving issues before production. User training includes comprehensive documentation, addressing user concerns. Monitoring and maintenance ensure ongoing updates and efficient system performance. The project concludes with a review, assessing achievements and lessons learned. Meticulous documentation spans system architecture, codebase, and deployment procedures. Regular timeline reviews and resource allocation adjustments ensure smooth execution.

3.7 Project Scheduling

The project schedule for "Application for Kerala Riders" unfolds in a systematic approach. The initial two-week Project Initiation phase establishes the project's scope, identifies stakeholders, and defines team roles through a detailed project charter.

Subsequently, the three-week Requirements Analysis phase collaborates with stakeholders to gather project specifics and delineate features and functionalities. The four-week System Design phase focuses on creating a robust architecture and planning user interfaces. Moving into the Development phase, lasting eight weeks, the team implements core functionalities, emphasizing code quality through regular reviews. A five-week Testing phase follows, ensuring comprehensive testing, bug resolution, and performance validation. A two-week Deployment phase strategically launches the application, while Training, conducted over two weeks, includes user documentation and training materials. The ongoing Monitoring and Maintenance phase implements tools for system performance and continuous improvements. The final week involves a Project Review and Closure, assessing achievements and documenting lessons learned. Throughout, meticulous Documentation maintains comprehensive records, and regular adjustments to Timeline and Resource Allocation accommodate evolving project dynamics. This structured schedule ensures a well-managed and successful development process.

3.8 Software Requirement Specification

The "Application for Riders" project, developed using Python Django, automates travel-related processes for riders. The system serves as a centralized platform for users to access travel information, plan journeys, and make online bookings. Key functional requirements include user registration, package management, booking systems, and personalized dashboards. Nonfunctional requirements prioritize system performance, security, and scalability. The technology stack includes Python Django and PostgreSQL, ensuring user-friendly and responsive interfaces. Testing strategies cover unit and user acceptance testing, while documentation encompasses user manuals and technical documentation. The project timeline includes initiation, requirements analysis, system design, development, testing, deployment and training, ongoing monitoring, and a concluding project review and closure. This concise Software Requirements Specification outlines crucial aspects of the project.

3.9 Software Engineering Paradigm

The "APPLICATION FOR KERALA RIDERS" project is ideally suited for an Iterative and Incremental Development (IID) approach, complemented by Agile methodologies. With its aim to automate travel processes and activities, the project's requirements are likely to evolve over time. By adopting an iterative approach, the development team can gather feedback from users like riders and administrators in each iteration, enabling continuous refinement of the system. This iterative process facilitates the management of complexity inherent in

features such as booking packages, accessing information, and renting vehicles, ensuring steady progress while meeting evolving needs. Incorporating Agile principles is essential for the success of the project. Agile emphasizes collaboration, customer involvement, and adaptability to change. With user engagement being pivotal in a travel-oriented system, Agile practices such as regular demos, feedback sessions, and continuous communication with stakeholders become crucial. By embracing Agile methodologies like Scrum or Kanban, the development team can effectively manage tasks, prioritize features, and respond swiftly to shifting requirements. This Agile framework fosters a dynamic development environment, ensuring that the "APPLICATION FOR KERALA RIDERS" project delivers a user-centric, robust, and adaptable travel management system.

3.10 Data Models

In conceptualizing the data model for the "APPLICATION FOR RIDERS" project, several key entities emerge: Riders, Packages, Bookings, and Vehicles. Riders, representing users of the system, have attributes such as name and contact information. Packages encapsulate travel details like destination, duration, and price. Bookings record information like date, time, and status, linking Riders with Packages. Additionally, Vehicles, integral to the travel experience, possess attributes such as type, model, and availability. Relationships between these entities are defined, enabling the system to capture interactions effectively.

Riders can book multiple Packages, and Packages can be booked by multiple Riders, establishing a many-to-many relationship. Each Booking is associated with one Package, reflecting a one-to-many relationship, while a one-to-one relationship links each Booking with a Vehicle for travel arrangements. Moving into the logical data model, attributes and relationships are further delineated for detailed representation. Attributes are specified with appropriate data types, such as strings for textual information and numerical or boolean types for quantitative and logical data, respectively. Relationships are defined more precisely, clarifying the cardinality and connectivity between entities. For instance, the Rider-Package relationship illustrates the ability for Riders to book multiple Packages and Packages to be booked by multiple Riders, forming a flexible interaction model. The Package-Booking relationship establishes that a Package can accommodate multiple Bookings, but each Booking pertains to a single Package. Meanwhile, the Booking-Vehicle relationship ensures that each Booking is associated with a specific Vehicle for transport needs. In the physical data model, implementation details are outlined to guide the actual database design and management. This includes specifying data types for attributes, indexing strategies for efficient retrieval, and storage optimization techniques for performance enhancements. For instance, indexing may be applied to Rider and Package identifiers to expedite booking retrieval, while partitioning based on Booking date could optimize data storage and access patterns. These physical considerations ensure that the data model translates effectively into a functional database system, meeting the performance, scalability, and maintenance requirements of the "APPLICATION FOR RIDERS" project.

HEART CARE

PROJECT REPORT

Submitted by,
ANGELINA AGNAL
(Reg No.CCAVBOC012)

In partial fulfillment of the requirement for the degree of

BACHELOR OF VOCATIONAL STUDIES IN INFORMATION TECHNOLOGY

(Calicut University)

Under the Guidance of
MS. JEENA GEORGE
Assistant Professor



**DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125, KERALA
2023-2024**

**DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR, KERALA STATE, PIN-680125**



CERTIFICATE

This is to certify that the project report entitled “ **HEART CARE** ” submitted to the Department of Vocational Studies in partial fulfillment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original project work done by **ANGELINA AGNAL (Reg. No.CCAVBOC012)** during her study under my supervision and guidance during the year 2023-2024

Submitted for the External Examination held on

Examiners:

1

2

DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: Irinjalakuda

Name: ANGELINA AGNAL

Date:

Reg. No: CCAVBOC012

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

ANGELINA AGNAL

HEART CARE

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INTRODUCTION

1.1 About the Project

In the contemporary landscape of health care services, the efficient management of doctor's appointments stands as a pivotal aspect of ensuring seamless interaction between health care providers and patients. To address this need, our project introduces a comprehensive online platform comprising three distinct modules tailored to administrators, users, and doctors. This innovative system revolutionizes the appointment scheduling process, offering enhanced convenience and accessibility to both health care providers and patients alike.

Administrator Module:

At the heart of this platform lies the Administrator Module, a robust interface designed to facilitate the input and management of crucial doctor details. Administrators wield the power to seamlessly integrate doctor profiles into the system, encompassing comprehensive information ranging from professional credentials to specialized areas of expertise. Moreover, administrators have the ability to seamlessly integrate time schedules and availability submissions by doctors, ensuring accurate and up-to-date appointment management.

User Module:

For patients seeking medical consultations, our User Module provides a user-friendly interface that simplifies the process of finding and booking appointments with their preferred doctors. Upon logging in, users are empowered to search for doctors based on location, leveraging proximity-based searches for added convenience. A dynamic drop down menu further enhances user experience, enabling precise filtering by specific doctors. Crucially, users can seamlessly book appointments with their chosen doctors, specifying their preferred time slots and availability with ease.

Doctor Module:

Empowering health care providers, the Doctor Module offers a tailored platform for managing their professional profiles and appointment schedules. Doctors can effortlessly update their availability, ensuring alignment with their personal schedules and professional commitments. This module serves as a vital conduit for enhancing communication between doctors and patients, fostering a conducive environment for efficient appointment management.

Enhanced User-Doctor Interaction:

At the core of our platform lies a commitment to enhancing the user-doctor interaction experience. By efficiently displaying booked time slots and facilitating seamless appointment scheduling, our system ensures that patients receive timely access to health care services. Notably, users receive tokens for scheduled sessions, further streamlining the appointment process and bolstering overall user satisfaction.

In summary, our project represents a paradigm shift in the realm of doctor's appointment management, offering a comprehensive online platform that redefines accessibility, efficiency, and user experience. By harnessing the power of technology, we strive to revolutionize the way health care services are accessed and delivered, ultimately paving the way for a healthier and more connected society.

CORONA

**A main-project report submitted to Christ college (Autonomous)
in partial fulfilment of the requirement for the award of the B.Voc Degree
program in Information Technology.**

By Godwin vs (Reg No. CCAVBOC003)



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125, KERALA

2023

DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR, KERALA STATE, PIN-680125



CERTIFICATE

This is to certify that the main-project report entitled “**CORONA**” is a
Bonafide work carried out by me under our guidance in partial fulfilment of
the requirements for award of Bachelor of Vocational Studies in
Information Technology under University of Calicut, during the academic
year
2023-2024

Godwin vs (Reg No. CCAVBOC003)

Main-Project Guide

Head of the Department

Submitted for Evaluation held on

Examiners:

1.....

2.....

DECLARATION

I do hereby declare that the project work entitled “**CORONA**” submitted to the Christ College
(Autonomous), Irinjalakuda in partial fulfilment of
the requirement for the award of the B. Voc Degree program of Information
Technology is a record of original project work done by me during the period of my study in
the Department of Vocational Studies in the college.

Irinjalakuda

Godwin vs

April 2024

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Behind every achievement lies an unfathomable sea of gratitude to the God Almighty without whom it would ever have come to existence in grateful to the Head of the Department in charge, Lecturer **Ms. Jeena George**, for providing the permission to continue this project.

We extend our sincere thanks to **Ms. Reeja Eugene** , **Ms. Nikhila** ,**Ms. Francy T.L** who continuously helped us throughout the project and without her guidance, this project would have been an uphill task.

We take this opportunity to express our thanks to our beloved **Principal Fr. Dr. Jolly Andrews CMI**, Christ college (autonomous) Irinjalakuda who gave us the opportunity to this project.

April 2024

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INTRODUCTION

Corona is a web application which is act as a consultancy service site. Where anyone can apply for a guide to clear all their doubts to reach their destination. There are rich with categories like Travel, Medicine, Occupation, Education and so on, If some one wants to seek expert advice. Even the clients can be the experts that earn their rights through our clients.

2. Application

Corona is a Web application which contains two application which is a client side and admin side. Admin can add or updates their features where user or clients can apply or register to start the course. Users can also search for their Experts who they like most and depends on the category of the experts they have chosen.

3. System Design

3.1 Pre-requisites

Software requirements:

- Python 3.10 (64-bit)

3.2 Python modules required:

- Django framework
- Pillow

Django framework

Django is a python framework which helps python to create a web application. It is a backend Framework. It contains HTML, CSS, PYTHON files. It can have more than one application. It represent each elements as modules and projects.

Pillow

The Python Imaging Library(PIL) adds image processing capabilities to your Python interpreter. This library provides extensive file format support, an efficient internal representation, and fairly powerful image processing capabilities. The core image library is designed for fast access to data

stored in a few basic pixel formats. It should provide a solid foundation for a general image processing tool.

4. This project contains three sections:

- Registration and login
- User UI
- Admin UI

5. Corona

5.1 Source code:

Addmin_app :

Admin-ui

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1, shrink-to-fit=no">
    <title>Admin page</title>
    <!-- plugins:css -->
    <link rel="stylesheet" href="{% static
'assets/vendors/mdi/css/materialdesignicons.min.css' %}">
    <link rel="stylesheet" href="{% static
'assets/vendors/css/vendor.bundle.base.css' %}">
    <!-- endinject -->
```

```
<!-- Plugin css for this page -->

<link rel="stylesheet" href="{% static
'assets/vendors/jvectormap/jquery-jvectormap.css' %}">

<link rel="stylesheet" href="{% static
'assets/vendors/flag-icon-css/css/flag-icon.min.css' %}">

<link rel="stylesheet" href="{% static
'assets/vendors/owl-carousel-2/owl.carousel.min.css' %}">

<link rel="stylesheet" href="{% static
'assets/vendors/owl-carousel-2/owl.theme.default.min.css'
%}">

<!-- End plugin css for this page -->

<!-- inject:css -->

<!-- endinject -->

<!-- Layout styles -->

<link rel="stylesheet" href="{% static
'assets/css/style.css' %}">

<!-- End layout styles -->

<link rel="shortcut icon"
href="assets/images/favicon.png" />

</head>

<body>

<div class="container-scroller">

<!-- partial:partials/_sidebar.html -->

<nav class="sidebar sidebar-offcanvas" id="sidebar">

<div class="sidebar-brand-wrapper d-none d-lg-flex
align-items-center justify-content-center fixed-top">

<a class="sidebar-brand brand-logo"
href="index.html"></a>
```

Telecom Website Testing

PROJECT REPORT

Submitted by,

Alwin P.P
(Reg. No. CCAVBOC009)

For the award of the degree of

BACHELOR OF VOCATION
IN
INFORMATION TECHNOLOGY
(Calicut University)

Under the Guidance of

Ebin Kurian
Senior Developer/Trainer



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125, KERALA
2023-2024

DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR, KERALA, PIN-680125



CERTIFICATE

This is to certify that the project report entitled “**Telecom Website Testing**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc Degree programme in Information Technology, is a bona fide record of project work done by **Alwin P.P (Reg.no.CCAVBOC009)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department

Submitted for the External Examination held on

Examiners:

1

2

DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: Irinjalakuda

Date:

Name: Alwin P.P

Reg.No:CCAVBOC009

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I would like to express my sincere thanks to Ebin Kurian, Senior Developer cum Trainer and Sherona T.K, Mern Developer cum Trainer, Camerinfools Pvt. Ltd. for their support and guidance during the development of this project. I thank all other staff of the organisations for their support.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Mrs. Jeena George, Mrs. Reeja John and Mrs. Francy T L who gave me the opportunity to do this project.

Alwin P.P

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1. INTRODUCTION

1.1. SYSTEM OVERVIEW

The GURU99 website (<https://demo.guru99.com/telecom/index.html>) serves as a simulated platform for a telecom service provider and is utilized primarily for educational purposes. It offers a simulated environment where users can interact with various telecom service functionalities, including account management, bill payment, and service activation. The website is designed to provide hands-on experience and practical knowledge in the telecom domain. There we testing the GURU 99 website manually and automation .automation I do in selenium language in testng framework.

1.2OBJECTIVES

The GURU99 is reliable, efficient, and meets the user's requirements. Preventing defects is an essential part of the testing process. If defects are not prevented, they can become errors or bugs in the final product, which can lead to significant problems. Identifying defects is also essential because it helps to improve the quality of the software by identifying and removing defects. The following are the typical objectives of software testing:

1. To evaluate the functionality of key features such as account creation, bill payment, and service activation.
2. To assess the usability and user experience of the website, identifying any areas for improvement.
3. To uncover defects and vulnerabilities that may impact the performance and reliability of the website.
4. To determine the effectiveness of both manual and automation testing approaches in achieving testing objectives.
5. To ensure that the software is user-friendly and meets the user's needs.
6. To validate that the software meets the specified requirements and functionality.

1.3ABOUT THE WEBSITE

The website GURU99 under test, located at <https://demo.guru99.com/telecom/index.html>, serves as a demonstration platform for a telecom service provider. Below is a description of the key features and functionalities of the website:

1. **Homepage:** The homepage provides an overview of the telecom services offered by the provider. It may include promotional banners, featured services, and links to various sections of the website.
2. **Services:** The website likely includes sections dedicated to different telecom services offered, such as mobile plans, internet packages, landline services, and value-added services like roaming and international calling.
3. **Plans and Pricing:** Users can explore different subscription plans and pricing options available for various services. This section may include details such as plan features, pricing tiers, contract terms, and any promotional offers or discounts.
4. **Customer Support:** The website likely provides resources for customer support, including FAQs, troubleshooting guides, contact information, and options for live chat or email support.
5. **Account Management:** Users may have access to account management features, allowing them to log in, view account details, manage subscriptions, make payments, and update personal information.
6. **Coverage Maps:** Depending on the telecom provider, the website may include interactive coverage maps showing network coverage areas for mobile, internet, and other services.
7. **Promotions and Offers:** Users can explore current promotions, special offers, and deals available from the telecom provider. This may include discounted plans, bundle packages, and incentives for new customers.
8. **About Us:** A section providing information about the telecom company, its history, mission, values, and corporate social responsibility initiatives. It may also include details about the company's leadership team and corporate governance.
9. **News and Updates:** Users can stay informed about the latest news, announcements, and updates from the telecom provider. This section may include press releases, blog posts, and articles covering industry trends and developments.
10. **Accessibility and Responsiveness:** The website is expected to be accessible and responsive, ensuring that users can access and navigate the site seamlessly across different devices, including desktops, laptops, tablets, and smartphones.

Overall, the website serves as a comprehensive platform for users to explore, subscribe to, and manage telecom services offered by the provider. It aims to provide an intuitive and informative user experience while showcasing the company's offerings and promoting customer engagement.

2.SYSTEM ANALYSIS

2.1. EXISTING SYSTEM

Understanding the existing system is crucial for effective website testing. Here's a breakdown of what you should consider when analyzing the existing system:

1. **Functionalities:** Identify all the features and functionalities of the current website. This includes navigation menus, forms, search functionality, user registration, e-commerce features (if applicable), content management system (CMS) capabilities, and any other interactive elements.
2. **Architecture:** Analyze the underlying architecture of the website, including server-side technologies, client-side technologies (e.g., JavaScript frameworks), databases, and content delivery networks (CDNs). Understanding the architecture helps in planning compatibility and performance testing.
3. **Technologies Used:** Determine the technologies used in building the website, such as programming languages (e.g., HTML, CSS, JavaScript, PHP), frameworks (e.g., Bootstrap, AngularJS, React), and third-party integrations (e.g., payment gateways, social media APIs). This information is essential for conducting compatibility testing and identifying potential integration issues.
4. **User Interface (UI) and Design:** Evaluate the existing UI design, including layout, typography, color scheme, branding elements, and overall visual aesthetics. Understanding the design principles helps in assessing usability and conducting usability testing.
5. **Content:** Review the content of the website, including text, images, videos, and multimedia elements. Assess the quality, relevance, and accuracy of the content, as well as its organization and presentation. Content analysis informs usability testing and ensures that users can access and interact with the information effectively.
6. **Performance Metrics:** Gather data on the website's performance metrics, such as page load times, server response times, and uptime/downtime statistics. Analyze any historical performance issues or bottlenecks that have been encountered. This information guides performance testing and optimization efforts.
7. **Security Measures:** Assess the existing security measures implemented on the website, including SSL/TLS encryption, user authentication mechanisms, data encryption, and server-side security configurations. Identify any past security incidents or vulnerabilities that have been addressed. Security analysis helps in planning security testing and ensuring compliance with security standards.
8. **User Feedback:** Collect feedback from users, stakeholders, and customer support channels regarding their experiences with the current website. Identify common pain points, usability issues, bugs, and feature requests reported by users. User feedback provides valuable insights for usability testing and prioritizing improvements.
9. **Regulatory Compliance:** Determine any regulatory requirements or industry standards

COLOR SORTING MACHINE

PROJECT REPORT

Submitted by

**Amal Joseph Tomy (Reg.
No. CCAVBOCO10)**

For the award of the degree of

BACHELOR OF VOCATION

IN

INFORMATION TECHNOLOGY

(Calicut University)



DEPARTMENT OF VOCATIONAL STUDIES

**CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA THRISSUR-
680125, KERALA**

2021-2024

DEPARTMENT OF VOCATIONAL STUDIES

**CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR, KERALA, PIN-680125**



CERTIFICATE

This is to certify that the project report entitled “**Color Sorting Machine**” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **Amal Joseph Tomy (Reg.no.CCAVBOC010)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department
Submitted for the External Examination held on

Examiners:

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DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: Irinjalakuda
Date:

Name: Amal Joseph Tomy
Reg. No: CCAVBOC010

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special thanks to my parents, Mr. Sunil paul (CEO, SRISHTI ROBOTICS TECHNOLOGIES Pvt. Ltd, Kochi.) granting this opportunity to undergo institutional training and internship in his Robotics and Innovation Lab at Christ College of Engineering, Irinjalakuda which was an opportunity and experience. Without their support and coordination I would not have been able to complete this project. I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

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1. Introduction

1.1. Goal

The goal of a color sorting machine project is to design, develop, and implement a system capable of accurately identifying and segregating objects based on their color characteristics. The primary objectives of such a project typically include:

Automation:

1. **human operator** Create a machine that can automate the process of sorting on their colors, eliminating the need for manual sorting by
Precision:
2. **Speed:** Develop algorithms and hardware components that can identify and differentiate between different colors, ensuring sorting of objects according to predefined criteria.
3. **Efficiency:** Enable the sorting machine to operate at high speeds, enabling sorting of large volumes of objects within a short timeframe.
4. **time, labor, and** Increase the efficiency of sorting operations by reducing sorting time, labor, and waste, and optimizing the use of resources such as
Versatility:
5. **Reliability:** Create a flexible sorting system that can handle a wide range of different colors, adapting to different sorting tasks and operating reliably across various industries and applications.
6. **Cost-Effective** Ensure the reliability and robustness of the sorting machine, enabling it to operate consistently under varying environmental conditions and high-volume production environments.
7. **Profitability** Develop a cost-effective sorting solution that can be adopted by businesses by improving productivity, reducing sorting costs, and enhancing overall profitability.
8. **Integration:** Enable seamless integration of the color sorting machine with existing production lines, machinery, and automation systems, facilitating smooth workflow integration and interoperability.
9. **Scalability:** Design the sorting machine with scalability in mind, allowing for easy expansion and adaptation to changing production demands and future growth.

1.2. Theory

The theory behind a color sorting machine project encompasses various interdisciplinary concepts, including color theory, image processing, machine learning, control systems, sensor technology, and communication protocols. By integrating these theoretical principles, we can design and implement advanced color sorting machines capable of accurately and efficiently sorting objects based on their colors, contributing to increased productivity, quality, and automation in various industries.

2. Application

A color sorting machine project spans across various industries and sectors where the sorting and categorization of objects based on color are crucial. the application of color sorting machines spans a wide range of industries and sectors, where they play a critical role in enhancing productivity, quality assurance, and efficiency in sorting and categorizing objects based on their color attributes.

3. Benefits

REPORT OF INTERSHIP TRAINING

AT

Camerin Folks Pvt Ltd

Submitted By

Name: Vishnu Madhavan V.M Reg. No: CCAVBOCO29

**Department of Vocational Studies
Christ College (Autonomous), Thrissur**



Under the Guidance of

Sona Mohan K P

Python Developer

Camerin Folks Pvt Ltd

**An Internship Report submitted to the Department of Vocational Studies in
Partial fulfillment of the requirement for the Award of the
Degree in B.Voc in IT of Christ College (Autonomous), Thrissur**

2021-2024 Christ College (Autonomous), Thrissur

*Affiliated To University of Calicut & Reaccredited By NAAC with "A" Grade & College
with Potential Excellence*



CERTIFICATE

Department of B Voc IT

This is to certify that the Internship Training at **Camerin Folks Pvt Ltd** has been submitted by **Vishnu Madhavan V.M, Reg No:CCAVBOCO29** in Bachelor of Vocational Studies (B.Voc) in IT of Christ College (Autonomous), Thrissur during the year 2021-24

Head of the Department

Internal Guide

Valued On:

Examiners:

1.

2.

Internal Examiner

External

Examiner

Internship Certificate

DECLARATION

I, Vishnu Madhavan V.M here by declare that the internship report - I for the period of 4 month was done with Camerin Folks Pvt Ltd for the partial fulfillment of the requirements for award of the degree of B.Voc IT, Christ College (Autonomous), Thrissur, Camerin Folks Pvt Ltd, is an original work done by me during 15.11.2023 – 15.04.2024

Place : Thrissur

Date :

(Signature)

ACKNOWLEDGEMENT

I would like to express my sincere thanks to God Almighty, for his constant love and grace that he has showed upon me.

I thank Mr.Anzeen, Managing Director, Camerin Folks Pvt Ltd granting this opportunity to undergo institutional training with “Camerin Folks Pvt Ltd”, Kochi.

I wish to place on record by deep sense of gratitude to Mrs. Jeena George, HOD, Department Of B.Voc IT, Christ College Thrissur

I would like to express my sincere thanks to Sona Mohan K.P, Python Developer having permitted me to under go training at “Camerin Folks Pvt Ltd”. I thank other staff of the organisations for their guidance and support.

Vishnu Madhavan V M

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3. Organizational structure
4. Departments and their nature of work
5. Conclusion

Introduction

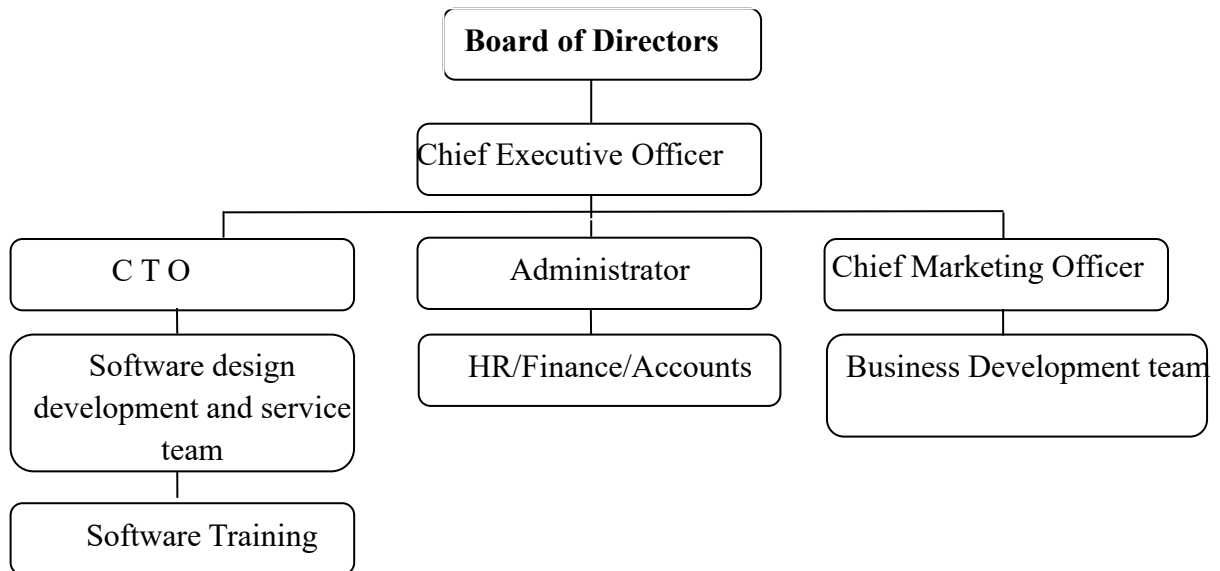
The Expo Management System is an innovative online platform designed to streamline the management of expos, providing dynamic booth allocation year after year. The system offers features such as online ticket purchasing, computerized format for shops and ID cards, and a digitalized entrance ticket process. It facilitates a seamless experience for both exhibitors and attendees, offering online

registration for companies, online application form submission, and efficient booth allocation.

Background Of The Organisation

“CamerinfoLks is an ISO (9001:2015) (27001:2013) Certified Leading Software Training institute in Kochi. CamerinfoLks is a software training institute focused on providing training at an advanced level with real-time live projects and hands-on practical sessions along with training in Python, DevOps, Java, Android, Flutter, Software testing, MERN stack, Machine learning and Digital marketing. Our course content is designed and curated by highly qualified professionals to make these programs the best job-oriented in the industry”

Organisational Structure



SPINSHOP
PROJECT REPORT

Submitted by,

SANATH K D
(Reg. No. CCAVBOC005)

For the award of the degree of

BACHELOR OF VOCATION
IN
INFORMATION TECHNOLOGY
(Calicut University)

Under the Guidance of

MS. JEENA GEORGE

HOD



DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR-680125, KERALA
2023-2024

**DEPARTMENT OF VOCATIONAL STUDIES
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
THRISSUR, KERALA, PIN-680125**



CERTIFICATE

This is to certify that the project report entitled “SPINSHOP” submitted to the Department of Vocational Studies in partial fulfilment of the requirement for the award of the B.Voc. Degree programme in Information Technology, is a bonafide record of original research work done by **SANATH K D (Reg.no.CCAVBOC005)** during his study under my supervision and guidance during the year 2023-2024.

Head of the Department

Submitted for the External Examination held on

Examiners:

1

2

DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person or material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Place: Irinjalakuda

Name: SANATH K D

Date:

Reg. No: CCAVBOC005

ACKNOWLEDGEMENT

I would like to express my gratitude towards God and all faculties for the valuable guidance and nonstop support during this project.

I would like to extend my special extend my special thanks to my parents & my team members, without their support and coordination I would not have been able to complete this project.

I would like to express my sincere thanks to Priya, Senior Developer cum Trainer, and Godly Roy Paliakkara, Developer cum Trainer, Camerinfools Pvt.Ltd for their support and guidance during the development of this project.I thank all other staff of the organisation for their support.

I take this opportunity to express our thanks to our beloved Principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), Irinjalakuda and our lectures Ms. Jeena George, Ms. Reeja John and Ms. Francy T L who gave me the opportunity to do this project.

SANATH K D

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1. INTRODUCTION

1.1.SYSTEM OVERVIEW

An e-commerce website dedicated to selling antiques requires a comprehensive system that seamlessly manages various aspects of the business. At its core, the system comprises a user-friendly frontend interface where customers can explore antique products, aided by features like search, filters, and a smooth checkout process.

This frontend is supported by a robust backend system responsible for inventory management, user authentication, order processing, and database management. Security measures, including encryption and secure connections, safeguard user data and transactions.

Integration with payment gateways facilitates secure payment processing, while shipping and logistics integration ensures efficient order fulfillment. Customer support tools and mobile applications may enhance user experience, while SEO and marketing tools drive visibility and engagement. Compliance with legal regulations and scalability considerations round out the system, ensuring a reliable and enjoyable shopping experience for antique enthusiasts.

1.2.OBJECTIVES OF SYSTEM

The objectives of an e-commerce website selling antiques typically revolve around maximizing sales, providing a positive user experience, and establishing the business as a reputable source for antique enthusiasts. Here are some specific objectives:

1. **Increase Sales:** The primary objective is to generate revenue by selling antique items. This involves attracting potential buyers, converting them into customers, and encouraging repeat purchases.
2. **Expand Customer Base:** The website aims to reach a wider audience of antique collectors and enthusiasts, both locally and globally, by leveraging the accessibility of the internet.

3. **Build Brand Reputation:** Establish the website as a trustworthy and reputable source for authentic antiques. This involves showcasing high-quality products, providing accurate descriptions and images, and offering excellent customer service.
4. **Enhance User Experience:** Create a seamless and enjoyable shopping experience for visitors to the website. This includes intuitive navigation, clear product categorization, easy search and filtering options, and a smooth checkout process.
5. **Educate Customers:** Provide educational content about the history, significance, and value of the antiques sold on the website. This can help customers make informed purchasing decisions and deepen their appreciation for antique items.
6. **Ensure Security:** Prioritize the security of customer data and transactions to build trust and confidence among buyers. Implement measures such as SSL encryption, secure payment gateways, and robust data protection practices.
7. **Optimize Conversion Rates:** Continuously analyze website performance and user behavior to identify opportunities for optimizing conversion rates. This may involve A/B testing, refining product descriptions, improving website speed, and streamlining the checkout process.
8. **Drive Traffic and Engagement:** Implement digital marketing strategies to attract visitors to the website, such as search engine optimization (SEO), social media marketing, content marketing, and email campaigns. Encourage engagement through features like user reviews, social sharing, and interactive content.
9. **Provide Personalized Recommendations:** Utilize data analytics and customer profiling to offer personalized product recommendations and promotions based on individual preferences and browsing history.
10. **Adapt to Market Trends:** Stay informed about market trends, customer preferences, and competitor activities to adapt the product offerings and marketing strategies accordingly, ensuring relevance and competitiveness in the antique marketplace..

**A REPORT OF INTERNSHIP TRAINING AT
CAMERINFOLKS PVT LTD , KOCHI**



EXPO MANAGEMENT SYSTEM

Submitted by,

VISHNU MADHAVAN V.M

(Reg.No.CCAVBOCO29)

In partial fulfilment of the requirement for the degree of

BACHELOR OF VOCATIONAL STUDIES

IN

INFORMATION TECHNOLOGY

(Calicut university)



DEPARTMENT OF VOCATIONAL STUDIES

Christ College of (Autonomous), Irinjalakuda Thrissur-680125,Kerala

2024

DEPARTMENT OF VOCATIONAL STUDIES

**Christ College of (Autonomous), Irinjalakuda Thrissur, Kerala
State , Pin-680125**



CERTIFICATE

This is to certify that the internship training report entitled **“EXPO
MANAGEMENT SYSTEM”** submitted to the department of vocational studies in partial fulfilment of the requirement for the award of the B. Voc Degree programme in Information Technology, is a bonafide record of original research work done by **VISHNU MADHAVAN V.M (Reg.No. CCAVBOCO29)** during his study under my supervision and guidance during the year 2023-2024

Date.....

Head Of The Department

Submitted for the external examination held on.....

Examiners:

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5th Floor, 16/4195, YOHANNAN'S IMAGE ARCADE,
Seaport Airport Road, CSEZ P O, Kakkanad, Kochi,
Ernakulam, Kerala-682037

CAMERINFOLKS PVT LTD

PROJECT CERTIFICATE

This is to certify that **Mr. Vishnu Madhavan V.M** (Reg no: CCAVBOC029), student of Christ College Irinjalakkuda has undertaken a Main project on “**Expo Management System**” in our Organization from 15th December 2023 to 31st March 2024.

He has successfully completed the project and during the period he was disciplined and hardworking.

We wish success in all his future endeavors.

For Camerinfolks Pvt. Ltd

Anzeen R.A
Manager HR & Training



Declaration

I do here by declare that the internship training report entitled “**Expo Management System**” submitted to christ college (Autonomous) ,
irinjalakuda in partial fulfilment of award for Bachelor Of Vocational
Degree In Information Technology is record of orginal work done by
me under the guildance of **Miss. Sona Mohan K.P** Python
Developer, **CAMERINFOLKS PVT LTD**, Yohannans Image
Center Seaport - Airport Rd, Kakkanad, Kerala 682037

Irinjalakuda

VISHNU MADHAVAN V.M

April 2024

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This study has been made possible due to the cooperation assistance and conservative suggestions of many to whom I would like to express my sincere gratitude and thanks. First of all, I thank almighty for this abundant blessings bestowed us for the successful completion of internship training.

I gratefully acknowledgment my sincere gratitude to **CAMERINFOLKS PVT LTD.** For giving me platform to participate in the workshop and to undertake internship in this esteemed organization.

I take this opportunity to express our thanks to our beloved principal in-charge Rev. Dr. Jolly Andrews CMI, Christ College (Autonomous), irinjalakuda and our lectures Mrs.Jeena George and Mrs. Reeja Eugene who gave me the opportunity to do this training.

I also like to express our deep sense of gratitude to Mr. Anzeen, Managing Director of Camerinfoiks for granting us permission to undergo the internship programme in the organization.

I am also privileged under the guidance of Sona Mohan K.P to correct and improve my industrial qualities as well as learning skills

in python. The experience was quiet different from what I learned from college, extending them to a daily life solution. Sure, it will be an asset to me.

I would like to thanks my friends and parents who helped us to gathering different information, collecting data and guiding us from time to time in making this project.

April 2024

ABOUT THE COMPANY

Setting a benchmark in the industry, Camerinfoiks Pvt Ltd is the most innovative Training and Recruitment Company strategically located in Kochi, delivering classroom and online trainings across India and other countries. Camerinfoiks Pvt Ltd is another subsidiary of Camerin Group Pvt Ltd. Training in Camerinfoiks Pvt Ltd is the best place for IT and placement training, offering a large number of trending software courses in Kochi. We provide real-time live projects and hands-on practical sessions along with training in Python, DevOps, Java, Android, Flutter and Selenium. Our course content is designed and curated by highly qualified professionals to make these programs the best job oriented in the industry. While training at Camerinfoiks, each student's need is carefully understood and analysed by our counsellors. Based on the analysis and student's interest, they are advised to take the best IT training that will pave their way to step into the corporate world and top MNCs. This is one of the reasons why Camerinfoiks is known as the premier training and placement institute in Kochi.

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