MESCOLLEGEOFENGINEERING,KUTTIPPURA
MDEPARTMENT OF COMPUTER
APPLICATIONS**20MCA245–MINIPROJECT**

PROFORMAFORTHEAPPROVALOFTHE THIRDSEMESTERMINIPROJECT

(Note:Allentriesoftheproformaforapprovalshouldbefilledupwithappropriateandcompleteinformation.IncompleteProforma ofapprovalinanyrespectwillberejected.)

MiniProjectProposalNo:_____ *(FilledbytheDepartment)*	AcademicYear :_____ YearofAdmission : _____

1. TitleoftheProject : _____
2. Nameofthe Guide : _____
3. RegisterNumberoftheStudent: _____
4. StudentDetails(inBLOCKLETTERS)

Name	RollNumber	Signature
_____	_____	_____

Date: _____

ApprovalStatus:

Approved/NotApprove

dSignatureof
CommitteeMembers

CommentsoftheMiniProjectGuide Dated

SignatureInitialSubmission :

FirstReview :

SecondReview :

CommentsoftheProjectCoordinator Dated

SignatureInitialSubmission:

FirstReviewSec

ondReview

FinalComments:

DatedSignatureofHOD

DRIVING SCHOOL MANAGEMENT SYSTEM

INTRODUCTION

The driving school industry plays a vital role shaping the next generation of road users, Yet many school still rely on manual process and fragmented system to manage their operations. This can lead administrative burdens and reduce productivity. To address these challenges this project propose a web-based application that provides an online platform for managing and maintaining a driving school activities which helps the owner to sustain students,instructors and daily classes. The system designed has an admin login which is proposed to administer the entire system through admin dashboard here admin can register students and instructors once they registered by admin they will get the credentials via email to login in their respecticve login forms

OBJECTIVES

Managing a driving school involves handling multiple tasks such as student registeration, instructor assigning and class scheduling, However manual management of these tasks can lead to errors and wasted resourcess To address these challenges my project aims to design and develop a platform which improves operational efficiency and reduce cost. Students and instructors can view the class timings and details of each other. By harnessing the technology my project aims revelutionize the driving school industry and enhancing the overall learning experience and paving the way for more safer driving community

PROBLEM DEFINITION

Many students and instructors in adriving school are struggling to schedule and maintain the driving class they still rely on manual process for these tasks. By this project they can easly identify and make time for their classes. The admin can also keep payment and information records of enrollees and instructor in database instead of book keeping

BASIC FUNTIONALITIES

Admin will register user and instructors and sent login credentials to email, By using that students and instructor can login into their separate web pages.
Admin will have register and view students and isntructors aslo view feedback or reports
Instructors will have view students and assign class times also sent feedback to admin
Students can view instructor and class timing also sent feedback

MODULES

1. ADMIN
    - Manage students and Instructors
    - View feedback
2. INSTRUCTORS
    - View students
    - Assign class timings
3. STUDENTS
    - View instructors
    - View class timings

TOOLS AND PLATFORM

1. FRONT-END
    - HTML5 , CSS , JAVASCRIPT
2. BACK-END
    - PYTHON (FLASK)
3. DATABASE
    - MONGODB
4. IDES
    - PYCHARM
    - VSCODE
    - MONGO DB COMPASS

HARDWARE SPECIFICATIONS

- 4GB RAM
- Dual core above processor

VEHICLE SPARE PARTS

INTRODUCTION

In today's fast-paced world, the efficiency and performance of vehicles are crucial for both personal and professional activities. The need for high-quality, reliable spare parts is essential to ensure that vehicles remain in top condition, minimizing downtime and maintenance costs. Our Vehicle Spare Parts Selling Web Application is designed to meet this need by providing a comprehensive online platform for purchasing

a wide range of vehicle spare parts.

OBJECTIVES

Create an intuitive and user-friendly platform that allows customers to easily search, locate, and purchase vehicle spare parts from anywhere at any time. Offer a wide range of high-quality vehicle spare parts for various makes and models, ensuring that customers can find the exact parts they need. Provide thorough product descriptions, specifications, compatibility information, and customer reviews for all listed items.

PROBLEM DEFINITION

Customers often face challenges in finding reliable sources for vehicle spare parts, especially in remote or less accessible areas. By using this project users can locate good and high quality products from all over the world Traditional brick-and-mortar stores require customers to physically visit multiple locations to find the right spare parts, which can be time-consuming and inconvenient. This can lead to incorrect purchases, returns, and additional costs for customers

BASIC FUNTIONALITIES

Admin can uplaod prodcuts from various spare parts sellers and provide it to the customers
This can be two wheeler or four wheeler vehicle sparts.
Customers can view product details and buy spare parts products from a collection of prducts

MODULES

1. TWO WHEELER
    - Body parts and inner parts
2. FOUR WHEELER
    - Body parts and inner parts
3. CUSTOMERS
    - View and buy products
4. ADMIN
    - View products
    - Buy products

TOOLS AND PLATFORM

1. FRONT-END
   - HTML5 , CSS , JAVASCRIPT
2. BACK-END
   - PYTHON (FLASK)
3. DATABASE
   - MONGODB
4. IDES
   - PYCHARM
   - VSCODE
   - MONGO DB COMPASS

HARDWARE SPECIFICATIONS

- 4GB RAM
- Dual core above processor

FISRT AID – FIRST

INTRODUCTION

In emergencies, every second counts. Immediate access to accurate first aid information and guidance can be the difference between life and death. Our First Aid Providing Application is designed to empower individuals with the knowledge and tools they need to respond effectively to medical emergencies. This innovative app offers comprehensive first aid resources, interactive features, and real-time support to ensure that users are prepared to handle a wide range of situations.

OBJECTIVES

This project aims to develop a user-friendly mobile application that provides immediate access to first aid information and instructions. Collaborate with healthcare professionals to include a wide range of first aid topics, ensuring all information is accurate and up-to-date. Incorporate videos, animations, and interactive checklists to demonstrate first aid procedures clearly. Integrate an emergency call feature that allows users to contact emergency services with a single tap

PROBLEM DEFINITION

In emergency situations, individuals often lack immediate access to accurate first aid information. Delays in providing appropriate first aid can lead to worsening conditions, complications, or even fatalities, So everyone don’t know what to do in every situations because each and evry emergencies needs different types of first aids so this project can help peoples to identify emergencies and their fisrt aids

BASIC FUNTIONALITIES

Admin can upload details and videos of various emergencies and first aids
Users can view and perform the first aid also if while doing the first aid they can call the emergency services and wait for them

MODULES

1. ADMIN
    - Upload details about emergencies and first aid
2. User
    - View and perform first aids
    - Call emergency services

TOOLS AND PLATFORM

1. FRONT-END
    - Flutter
    - dart
2. DATABASE
    - Firebase

HARDWARE SPECIFICATIONS

- 4GB RAM
- Dual core above processor