MES COLLEGE OF ENGINEERING - KUTTIPPURAM
DEPARTMENT OF COMPUTER APPLICATIONS
20MCA245 – MINI PROJECT

PROFORMA FOR THE APPROVAL OF THE FIFTH SEMESTER MINI PROJECT

(*Note: All entries of the proforma for approval should be filled up with appropriate and complete information. Incomplete proforma of approval in any respect will be rejected.*)

Mini Project Proposal No :_____
(Filled by the Department)

Batch: 2023-2025

Title of the Project : Driving School management system

1. Name of the Guide : Mr. Vasudevan T V
2. Register Number of the Students : MES23MCA-2034
3. Date of Submission : 29/07/2024
4. Student Details (in BLOCK LETTERS)

Name	Roll Number	Signature
MUHAMMED SHAFEEN V K	34	

For Office Use Only

Approval Status : Approved/Not Approved

Comments/Suggestions :

Signature of Committee Members:

First Review Comments/Suggestions :

Second Review Comments/Suggestions :

Final Review Comments/Suggestions :

Dated Signature of Committee Member

Dated Signature of HOD

1 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 instructors and approve newly registered students once admin added the instructor then they will get the credentials via email to login in their respective login forms and the approved students can enter the credential which they provided while registering

2 Motivation

Ultimately, by improving the learning process through better management and feedback, the project seeks to contribute to a safer driving community, reducing accidents and improving road safety through better-trained drivers. By creating a scalable system, the project is motivated by the desire to support driving schools as they grow, helping them manage more students and instructors without the need for additional resources or complex manual systems. Instructors needs manage their schedules and student progress efficiently. The system will give instructors easy access to their daily tasks, student performance reports, and the ability to assign classes efficiently.

3 Objective/Problem Statement

Managing a driving school involves handling multiple tasks such as student registration, instructor assigning and class scheduling, However manual management of these tasks can lead to errors and wasted resources 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. Many students and instructors in a driving school are struggling to schedule and maintain the driving class they still rely on manual process for these tasks. By this project they can easy 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

4 Functionalities

Admin will register instructors and sent login credentials to email, by using that instructor can login into their separate web pages. Also students can register themselves and wait for the admin approval after getting approval they students can login to system. Admin can view and manage instructors, students and packages and class timings. Instructors can assign classes to students and view students under their supervising also sent feedback or reports to admin. Students can view details of their Instructor and view class times also sent feedback to admin.

5 Developing Environment

- Software specifications
    - Front-end
        - HTML5, CSS, JAVASCRIPT
    - Back-end
        - Python (Django)
    - Operating system
        - Windows 10
    - Database
        - PostgreSQL
    - IDES
        - VS CODE
        - pgAdmin (postgreSQL)
- Hardware specifications
    - 4 GB RAM
    - Dual core above processor

6 Conclusion

This driving school management system efficiently streamlines the operations for administrators, instructors, and students by providing a robust and user-friendly platform. The admin module enables smooth management of instructors, students, packages, and feedback, ensuring the system remains organized and functional. Instructors are empowered to teach students, view schedules, and enhance their teaching methods through feedback. Students benefit from a clear and interactive interface to track their lessons, communicate with instructors, and provide feedback to improve the learning experience. Overall, the system enhances the experience for all users by automating key processes and communication, contributing to a well-managed driving school control.