**MINI PROJECT-2**

**(2021-22)**

**Vehicle Driving School Management System**

**PROJECT SYNOPSIS**

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**GLA UNIVERSITY, MATHURA (UP)**

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**DECLARATION**

I hereby declare that the work which is being presented in the Mini Project “Vehicle Driving School Management System”, in partial fulfillment of the requirements for Mini-project 2 is an authentic record of my own work carried under the supervision of Mr. Akash Choudhary.

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**INTRODUCTION**

In today’s world Vehicle driving has become one of the most important human need rather than a luxury. With such kind of thinking driving schools have emerged all over the country to train professional and non-professional drivers to meet the ever growing demand for more drivers. While there exists such kind of demand and observation has shown that most of these schools don’t have proper systems in place to manage such kind of training schools as most of these schools usually use manual systems which have several problems as opposed to today’s world which needs well managed Computer Management systems to help in such environments. As such, “THE VEHICLE DRIVING SCHOOL MANAGEMENT SYSTEM”, the system is to be developed to replace such computer system in order to provide a better controlled and efficient environment which will meet the needs of the day’s services.

**System Requirements -**

Front End - HTML, CSS, JavaScript & PHP.

Back End - PhpMyadmin (as database).

Operating System - Mac/Linux/Windows-7/8/10

**Software Required: -**

* Visual Studio Code

**Hardware Requirements -**

**For VS Code -**

Intel i3 6th Gen or more.

4 GB of RAM or more.

2GB GPU or more.

30 GB Hard Disk or more.

Internet Connection

**Frontend and Backend**: -

**Frontend**

Visual Studio Code combines the simplicity of a source code editor with powerful developer tooling, like IntelliSense code completion and debugging.

First and foremost, it is an editor that gets out of your way. The delightfully frictionless edit-build-debug cycle means less time fiddling with your environment, and more time executing on your ideas

VS Code includes enriched built-in support for Node.js development with JavaScript and TypeScript, powered by the same underlying technologies that drive Visual Studio. VS Code also includes great tooling for web technologies such as JSX/React, HTML, CSS, SCSS, Less, and JSON.

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**Backend**

PhpMyAdmin is one of the most popular applications for MySQL database management. It is a free tool written in PHP. Through this software, you can create, alter, drop, delete, import and export MySQL database tables. You can run MySQL queries, optimize, repair and check tables, change collation and execute other database management commands.

All the SiteGround clients can manage their MySQL databases through the pre-installed phpMyAdmin software which is integrated into Site Tools

**The main phpMyAdmin features are:**

Intuitive web interface

Support for most MySQL features:

browse and drop databases, tables, views, fields, and indexes

create, copy, drop, rename and alter databases, tables, fields, and indexes

maintenance server, databases, and tables, with proposals on server configuration

execute, edit and bookmark any SQL-statement, even batch-queries

manage stored procedures and triggers

Import data from CSV and SQL

Export data to various formats: CSV, SQL, XML, PDF, ISO/IEC 26300 – OpenDocument Text and Spreadsheet, Word, LATEX, and others

Creating complex queries using Query-by-example (QBE)

Searching globally in a database or a subset of it

Transforming stored data into any format using a set of predefined functions, like displaying BLOB-data as image or download-link

A full list of all the features phpMyAdmin has can be found at the official project page.

**Idea: -**

1. Driving School Monitoring System contains numerous features that can help driving schools run their business more efficiently.

2. One great advantage this software offers is its scalability and flexibility for data management using this software admin will be able to manage the most important aspects of business.

**Objective: -**

* The aim is to automate the manual procedure of applying for admission in motor driving schools.
* Students can book their time slots according to their wish.
* It can provide secure payments.
* Tutors can directly get students address and slots that becomes convenient for them to visit the student directly.
* The aim is to ensure system is convenient and flexible to be used.
* To save their time, efforts, money and resources.

**Module Description –**

Vehicle Driving management school will contain following modules **:**

* Admin Module
* Candidate Module
* License Module
* Payment Module
* Driver/Tutor Module

**Description of modules -**

1. Admin Module **-**

The module enables the admin people to create and modify the login id and password! This login creation is useful to access candidate& Driver & payment and expense details, when authorized person gives valid login id and password & he can access those details.

2. Candidate Module **-**

In the candidate module & the admin people can enter the new candidate details (name of the candidate, address, contact number, mail id, date of birth, gender, and date of joining ). Here the candidates details are stored by the category wise, And all authorized people can view the candidate details also.

3. License Module **-**

This module stores the license candidate details! Admin people can update license details of students. It also maintains received license list, applied license list and issued license list. It will be helpful to view whose license is applied and issued.

4. Payment Module **-**

This module maintains payment details of all students. Using this module, admin people can view payment details in daily basis or on monthly basis. They can also modify these details.

4. Driver/Tutor Module **-**

This module has the Driver details such as driver id, name, address, contact details, Department, qualification, salary, license no. and etc. Admin people can add, update and remove the driver details.

**Scope: -**

The scope of project is quite wide.

Further addition can be possible according to the requirement and this portal is very useful to maintain day to day record of candidates, tutors or driver and all the payments.

**AVAILABILITY**: -

This website can be available for everyone on internet.

**Bibliography –**

Book References **–**

1. Learning Web Designing by Jennifer Niederst Robbins.

2. Node.Js, Mongodb, React, React Native Full-Stack Fundamentals and Beyond by Eric Bush

Web References –

1. [www.w3resources.com](http://www.w3resources.com)

2. [www.tutorialspoint.com](http://www.tutorialspoint.com)