**Introduction of the Study**

The capstone project, “Driving School Management System” is a system that allows driving schools to automate all processes and task done for their daily transactions. The system will let driving schools electronically schedule classes and keep records of the students who avail for driving lessons.

Conventionally, most of the driving schools use manual approach in managing their daily operations and transaction with their students. Driving schools still uses manual method in recording the information of the students as well as their schedules for their driving lessons. The manual method is ineffective and is prone to human errors such as losing records of the students especially in their payment transactions. Both the driving school management and the students may encounter difficulties such as physical barriers and time constraints in carrying out their transactions.

**Proposed Solution**

The researchers of the study proposed a Driving School Management System to automate the processes of daily transactions in driving schools. The system will let the school manage the information of the students who enrolls for driving lesson, the schedule of the students up to the payment transactions of the students.  The system will allow electronic recording and keeping of records of the students enrolled in a specific driving school. The proposed system is efficient and reliable to use by driving schools.

**Objectives of the Study**

**General Objective –** the main objective of the project is to design and develop a Driving School Management System that will serve as platform to electronically do processes and transactions related to driving school management

The project aims the following objectives:

1. To develop a system that will allow driving schools electronically record student’s information.
2. The system will serve as a repository of the student’s record enrolled for driving lesson.
3. The system will ease up scheduling student’s driving lesson and payment.
4. The system is easy, efficient and reliable to use.

## ****Significance of the Study****

The following individuals or groups will benefit from the success of the project:

**Driving Schools**. If the result of the study is significant, driving schools will have a system that will assist them in their daily operation. The system will be efficient in handling all processes electronically and eliminate the manual approach that may encounter a lot of difficulties.

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**Driving Instructors.** By having the system they can easily track students who are scheduled for a driving session. They can easily look for updates and communicate with their students.

**Students**. Students who want to enroll and avail driving lessons will be benefited by the success of the project. It will be easier for them to register, schedule and pay for their driving lesson. Transacting for driving lessons will be convenient for them.

**Researchers**. The researchers of the study will gain more experience, knowledge and skills as program developers.

**Future Researchers**. The study can serve as their guide if they wish to pursue the same project or even in developing their own version.

**Development Tools**

The capstone project “Driving School Management System” is a system that allow automation in recording and handling students records enrolled in the driving school. The system will electronically aid the processes required in the daily transactions and operations of the school.

This section of the paper will provide you with an idea on what are the forms to be included in a Driving School Management System. PHP and Bootstrap were used to develop the said template.

Documentation of the project is available upon request (chapters 1 to 5). Feel free to message us for the complete documentation of the project.

**Project Highlights**

The Driving School Management System is a database driven system that will automate the processes such as recording, keeping and updating information related to the driving school and its students.

The following are the advantages of the Driving School Management System:

1. Automated recording and keeping – the system will make it easier for the school management to handle all information of students and other records of the schools.
2. Records Management – it is a database system which makes the records pf the schools and students electronic, safe, accurate, reliable and fast.
3. Electronic updates – the system will also generate reports on the updates about the student’s schedules and also progress of their driving lesson.

Password of the zip file is s0924lccs3

**Features by User Type**

Administrator can:

* Manage Student Information – (CRUD) create, update and information of driving school students.
* Manage Instructor Information – (CRUD) create, update and delete driving instructor information and profile.
* Manage Driving Schedule Information – (CRUD) create, update and delete driving schedule information.
* Manage Enrollment Records – Assign students to a specific schedule and driving instructor
* Manage Payment Records – accepts payment from students.

Instructor can:

* View enrolled students – master list of students
* Provide grades or progress report to students

Students can:

* Update personal profile
* Select schedule to enroll
* View Payment history and records
* View Progress Report

**How the System Works**

This article will discuss the flow of the system by showing the forms, modules and user interface of the Driving School Management System.

**Login Form –** the login form will be used by the intended users of the system to log in to the system. Each of them will have their unique username and password to be able to access the records and features of the system.

Shown below is the design of the log in form. (visit our facebook page for the complete screenshots of the project)

**Registration Form –** this form is intended for registration. The user of the system will filled out the required information in order to register in the system.

The form requires the following information:

* Last name
* First name
* Middle name
* Gender
* Birthdate
* Address
* Contact
* Email
* Profile Picture
* Username
* Password

The image shown below is the design of the registration form.

**Administrator Account**

**Admin Dashboard –** this dashboard serves as the homepage of the administrator that displays the following information.

* Number of Instructors – total number of registered instructors
* Number of Students – total number of students enrolled for driving lesson
* Total Income – total income of the driving school

Shown below is the design of the administrator’s dashboard.

Free Driving School Management System Template – Admin Dashboard

**Student Information –** this form requires the information of the students enrolled for a driving lesson to be encoded in the system.

The following information needs to be entered in the system:

* Last name
* First name
* Middle name
* Gender
* Birthdate
* Address
* Contact
* Email
* Profile Picture
* Username
* Password
* Account Status

The image below is the design of the student information form.

Free Driving School Management System Template – Student List

**Instructor Information** – the instructor information form requires the information about the instructors for the driving lesson.

The following information should be encoded in the system:

* Last name
* First name
* Middle name
* Gender
* Birthdate
* Address
* Contact
* Email
* Driving Experience and Credentials
* Profile Picture
* Username
* Password
* Account Status

Shown below is the design of the instructor information form.

Free Driving School Management System Template – Instructor Information

**Schedule Information** – this form requires the information about the schedule of the driving lessons under a specific instructor.

The following information requires to be input in the system:

* Schedule code – system generated
* Date
* Instructor
* No of slots available
* Amount
* Remarks

The image below is the form design of schedule information.

Free Driving School Management System Template – Driving Lesson Schedule

**Enrollment List –** this form requires and displays the information of the enrolled student and their instructor for the driving lesson.

* Schedule Code
* Student Name
* Instructor
* Remarks

Shown below is the design of the enrollment list form.

**Payment** – the payment module let the admin fill in the information of the student’s payment for their driving lesson. The module requires the following information:

* Payment Reference Number – system generated
* Student Name
* Amount
* Date of Payment
* Remarks

Shown below is the layout of the payment module.

Free Driving School Management System Template – Payment List

**Student Account**

**Student Dashboard –** this dashboard serves as a homepage of the students registered as students in the system.

* List of Schedule
* List of Instructor

Shown below is the design of the student’s dashboard.

Free Driving School Management System Template – Student Dashboard

**Update Profile –** this form will let the student update his or her profile in the system.

The form will allow an update for the following information:

* Last name
* First name
* Middle name
* Gender
* Birthdate
* Address
* Contact
* Email
* Profile Picture
* Username
* Password
* Account Status

The image below is the design of the update profile form.

**Select Schedule** – this form will let selection of preferred schedule for taking the driving lesson. This form will contain a  table with enroll button for every schedule.

* Date
* Instructor
* No of slots available
* Amount
* Remarks

Shown below is the design of the select schedule form.

Free Driving School Management System Template – Select Driving Schedule

**Payment** – this form will let students encode their payment information for the driving lesson they take.

* Payment Reference Number – system generated
* Amount
* Date of Payment
* Proof of payment – upload receipt
* Remarks

The image below is the design of the payment module.

Free Driving School Management System Template – Student Payment History

**Progress Report** – this form will display the information about the student’s progress in the driving lesson.

* Training Name
* Score
* Instructor
* Remarks

Shown below is the image of the progress report form.

Free Driving School Management System Template – Student Progress Report

**Instructor Account**

**Instructor Dashboard** – this dashboard will serve as the homepage of the driving instructor.

The dashboard mainly displays the following information:

* List of Schedule
* Number of Students

The image below is the design of the instructor’s dashboard.

Free Driving School Management System Template – Instructor Dashboard

**Master list –** this form will display the names of the students enrolled for a lesson under a specific instructor with the scheduled date.

* Student name
* Schedule date
* Payment Status – (paid, unpaid, partial payment)
* Remarks

Shown below is the image of the Master List form design.

Free Driving School Management System Template – Instructor List of Students

**Progress Report –** this form will let the instructor provide reports for the progress of the students under his supervision. The form requires the following information:

* Training Name
* Student Name
* Score
* Remarks and Message

The image below is the design of the progress report form.

Free Driving School Management System Template – Progress Report

**Conclusion**

At present, driving schools are looking for ways to improve their services in rendering formal educational program for those who wish to learn driving and become a licensed professional driver. Driving Schools needs an efficient way to manage their transactions and operations daily in order to cater the needs of the students.The result of the study showed that the majority of the respondents and intended users found that the manual method of managing records of students and other records of the driving school should be eliminated and replaced with a more advance system which will automate the whole process. Thus, the developed system highly met the needs of the respondents and the intended users of the system.

The researchers of the study concluded that the developed Driving School Management System will provide an effective way of managing the different records in a driving school. The system will eliminate all the problems encountered in the manual method which will help the school better improve their daily operations. By implementing the system, the school can render an improved service and satisfying experience to their students and other stakeholders.

**Recommendations**

The researchers of the study highly recommend the implementation of Driving School Management System in order for them to automate processes such as enrolling and recording information of the students, scheduling the driving session of the students, providing payment options to the students and all other important processes.The system is highly recommended for its efficiency and reliability that can be rendered to the schools in automating the processes of their daily transactions. The researchers of the project highlighted that the intended users should have enough knowledge on how the developed system works.

The researchers of the study recommend the following:

1. The developed system should be used by driving schools to assist them in conveniently carrying out their tasks.
2. The researchers recommend that the system should be installed in the schools office to be used by the assigned staffs in managing transactions and operations of the school.
3. The driving school management system should be implemented by the school in order to improve the service and experience of their students and other stakeholders.