# Chapter 1

## Introduction

“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.

This 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.

## Background Information

Melody Driving School is a driving school located in Harare. Which was founded in 2015.

The Driving school has following functions:

**Student Registration:**

It is responsible for registering the students for practical and oral driving lessons. Currently for a student to register for lessons s/he has to physically visit the Company offices in Hatfield and register for lessons.

**Instructors:**

It is responsible for scheduling driving lessons for practical and oral lessons. Since the company started operating, they have been using paper-based system for the scheduling of student and lecturer lessons which has been causing some problems.

**Accounts:**

Responsible for the collection and monitoring of tuition fees payments. For a student to make a pay for his/her lessons s/he has to visit the company offices physically.

**Vehicle Fleet Control:**

Responsible for managing vehicles at the school for the students for taking their exams or for practical lessons.

All these processes are currently done manually and they are so many problems which are being faced during execution of work.

## Problem Definition

The company has faced a road block using their current paper-based system. Keeping students’ records organized and accessible to both student and employees have become a hassle, error prone and cumbersome. Currently, paper-based system has caused the students not to have access to their own training records and, the unsecure way of storing files without backups has just been causing a big problem to the operation of the organization also, the manual scheduling of lessons has been causing the lessons to being scheduled incorrectly or having classrooms overbooked.

## Objectives

**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 for the Melody driving school.

1. To provide online registration of students so that they will be a digital repository containing all registered students
2. To develop online scheduling of the lessons for students
3. To provide online payment platform

## Functionality

Driving School Management System automates all processes and task done by the driving school.

* Student registration
* Lesson Scheduling
* Payments for the lessons

## Hypothesis

A number of solutions can be employed to the current system as follows:

H 0: Developing a Driving Management system

H 1(a): Make use manual system

H 1(b): Buying a system from software companies

Of the above alternatives, Driving Management system is the best more modern alternate.

If partially automated, the system will be flexibly able to retrieve, update information and status quickly, when required without taking much time. Students will be able to view Lessons, schedule their lessons and make online payments.

## Justification

**Melody Driving School** will have a system that will assist 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.

**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.

## Conclusion

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.