MySQL is an open source relational database management system (RDBMS) with a client-server model. RDBMS is a software or service used to create and manage databases based on a relational model. A database is an organized collection of various forms of data. It is also known as a structured set of data that is accessible in many ways through computer.

The aim of this case study is to design and develop a database for the school to manage the record of students, classes, courses, subjects, teachers and books in the school. It also maintain the records of students assigned in class, staff departments, members of library, subject in courses, examination given by students, subject marks etc.

School management system is an information system to manage school related data and day to day activities. In school, there are students, teachers, Courses, Staff, library, Departments, classes and subjects etc. There are courses where students enrolls, records of parent identified by students, classes for courses, attendance of students of each classes, subjects inside each courses which is taught by specific teachers, teachers categorized to specific department as per their subjects, records of staffs in school who works in different fields, teaching hours of each subjects per day, Examination which is to be held per year and marks scored by students in each subjects. Also, there is a Library in school where there are many books which can be issued by the members of library, members can either issue zero or more than one books as per their choice.

All the records are store in their own specific tables, for example there is a table for Members and books where record of members are kept in members table and record of books are kept in Books table respectively and to relate them together there is a table named, issued books through which library manager will able to know which books are issued by which members easily.

In this way, data can be secured, organized, managed and accessed whenever it is required which in turn improve the reliability of schools information.