



# Overview of the School Management System Report

Group E

Noor Lailawati Abu Bakar

Matrix No: Sx222141ECJHF03,

Github ID: akma-laila

Azraei Hamiduddin bin Abdul Aziz

Matrix No: SX222146ECJHF03

Github ID: Hamiduddin-aziz

## Introduction

The School Management System is a web-based application developed using PHP, CSS, Bootstrap, and JavaScript. The system is designed to facilitate efficient management and administration of various tasks related to school operations. The system provides comprehensive features and functionalities that enable the school administration to handle student information, fees management, teacher management, class management, hostel management, timetable management, event management, announcement management, exam result management, and attendance management.

## Objective

- Streamlined administration: The system centralizes all school management tasks, making it easier to handle and maintain student, teacher, and other relevant information.
- Efficient fee management: The system automates fee calculations, tracks payment statuses, and facilitates secure transactions through bank integration.
- Improved communication: The system enables efficient communication with students, teachers, and parents through announcements, event notifications, and exam results.
- Time-saving timetable management: The system simplifies the process of creating and managing timetables, ensuring efficient scheduling of classes and subjects.

## Module

### File Storage Module:

The storage table stores information about files uploaded in the system.

Each file is associated with a `store_id` (unique identifier), `filename`, `file_type`, `date_uploaded`, and `stud_no` (student number).

This module allows the system to handle file storage and retrieval, which can be used for various purposes such as student documents, images, or other related files.

## Student Management Module:

The student table contains information about the students enrolled in the school.

Each student is identified by a stud\_id (unique identifier) and has attributes such as stud\_no (student number), user\_id (foreign identifier), gender, yr&sec (year and section), and password.

This module provides functionalities for managing student profiles, including adding, editing, deleting, and viewing student information.

It also enables student authentication using passwords and organizes them based on their year and section.

## User Management Module:

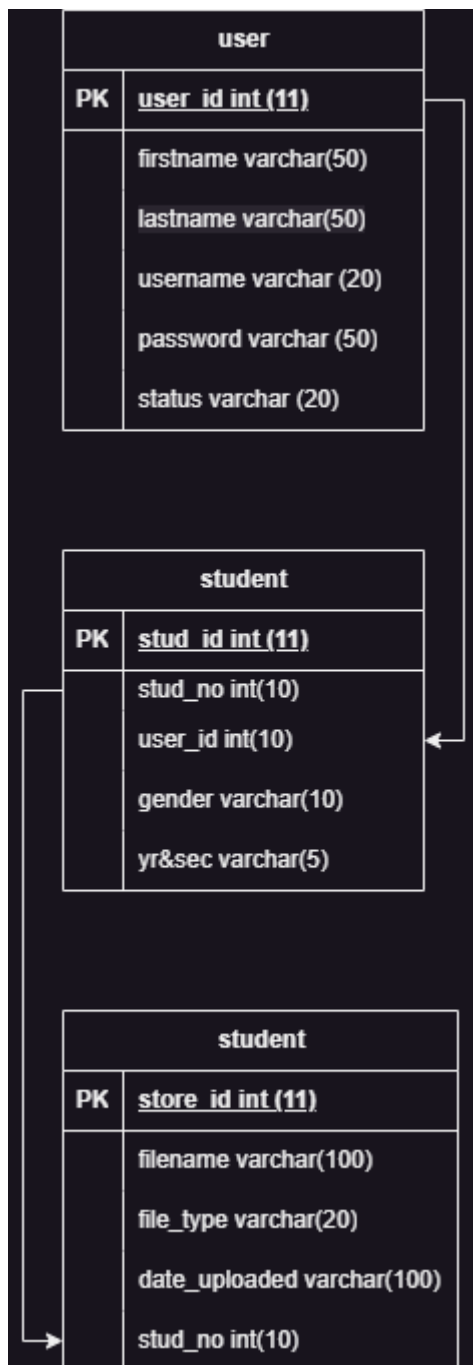
The user table stores information about system users, including administrators and regular users.

Each user is identified by a user\_id (unique identifier) and has attributes such as firstname, lastname, username, password, and status.

The module provides functionalities for user management, including adding, editing, deleting, and viewing user profiles.

Users can have different roles, as indicated by the status field, such as "administrator" or "regular" user.

These three main modules form the core functionality of the School Management System. The File Storage Module enables the management of files associated with students. The Student Management Module allows administrators to handle student information and profiles. The User Management Module provides functionalities for managing system users, including administrators and regular users. The module being keep to minimum to keep the freedom of customize by user depending on their structural environment to create other modules and tables to handle functionalities such as fees management, timetable management, event management, announcement management, and more



## Conclusion

The School Management System offers a comprehensive solution for schools to effectively manage various administrative tasks. With features such as student management, fees management, teacher management, timetable management, event management, and more, the system streamlines operations and enhances communication within the school community. By implementing this system, schools can achieve improved efficiency, accurate record-keeping, and better overall management, leading to enhanced productivity and student success.