

# School Management System - README

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## Overview

The School Management System is a Java-based application designed to facilitate the management of student and teacher information within an educational institution. The application provides functionalities for administrators to manage student records, teacher details, courses, and grades efficiently.

## Key Features

- User Authentication: Secure login for both administrators and students.
- Dashboard: Overview of the number of students and teachers.
- Student Management:
  - Add, find, and delete student records.
  - View detailed student information.
- Teacher Management:
  - Add, find, and delete teacher records.
  - View detailed teacher information.
- Course Management:
  - Add courses for students.
  - Manage course details.
- Grade Management:
  - Add and update midterm and final grades for students.
- Deletion Functionality: Remove students or teachers from the system.

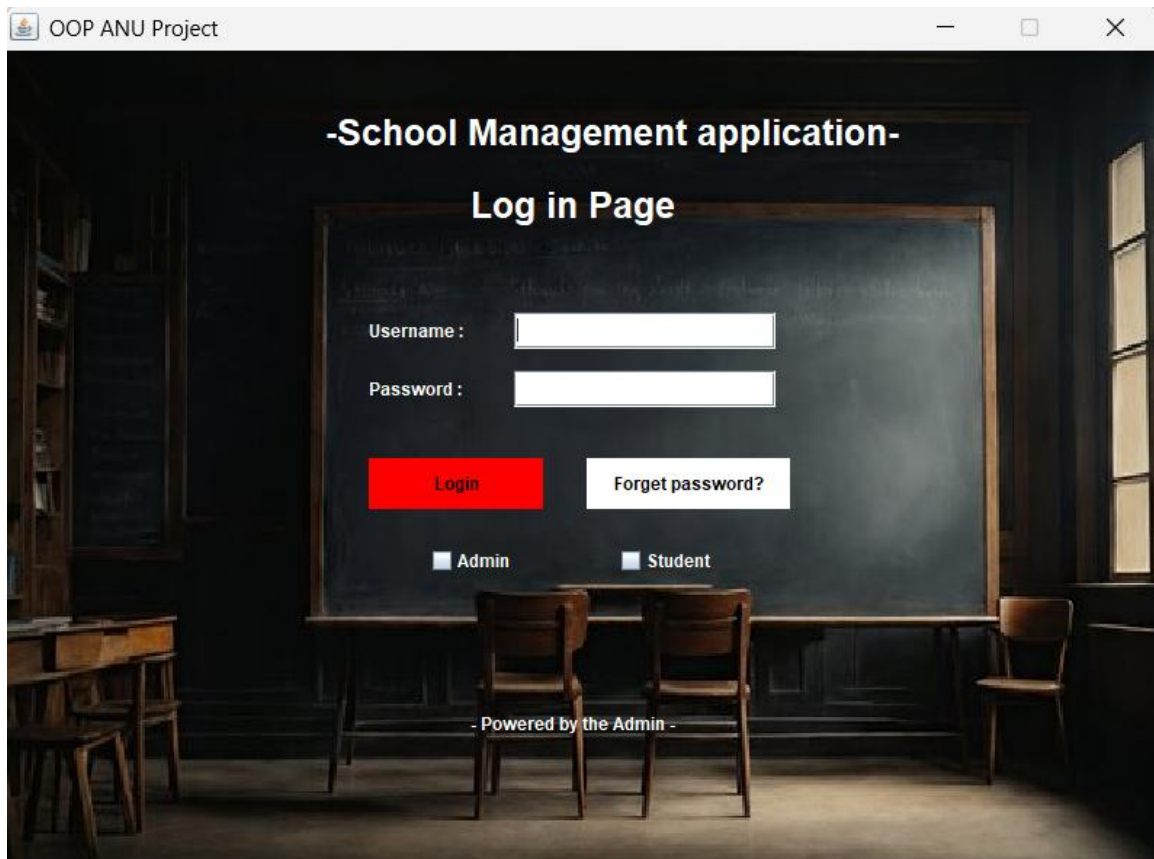
## Database Setup

1. The application uses an SQLite database named SM\_DB.db
2. Used tables (Students, Teachers, Admins, StudentCourses)

## Running the Application

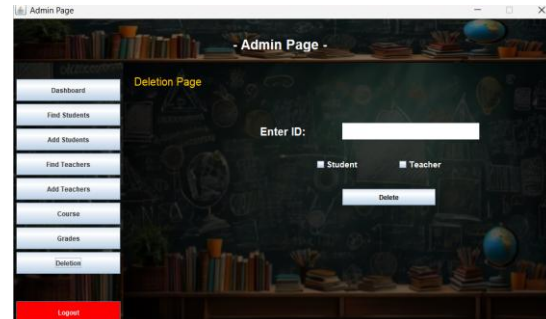
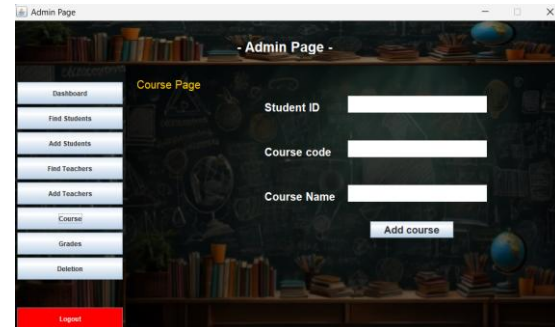
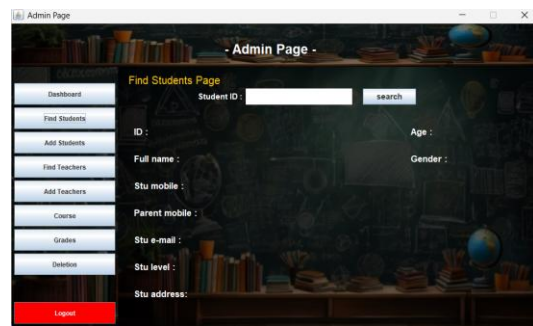
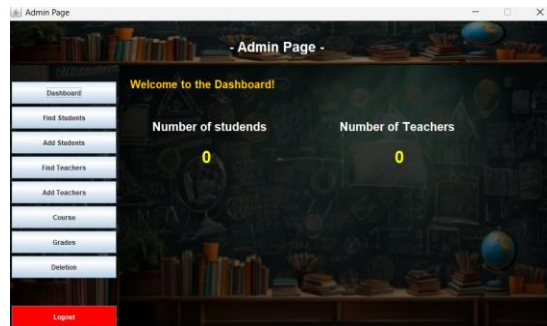
Login:

Upon launching, you will be presented with a login screen. Choose your role (Admin or Student) and enter your credentials.



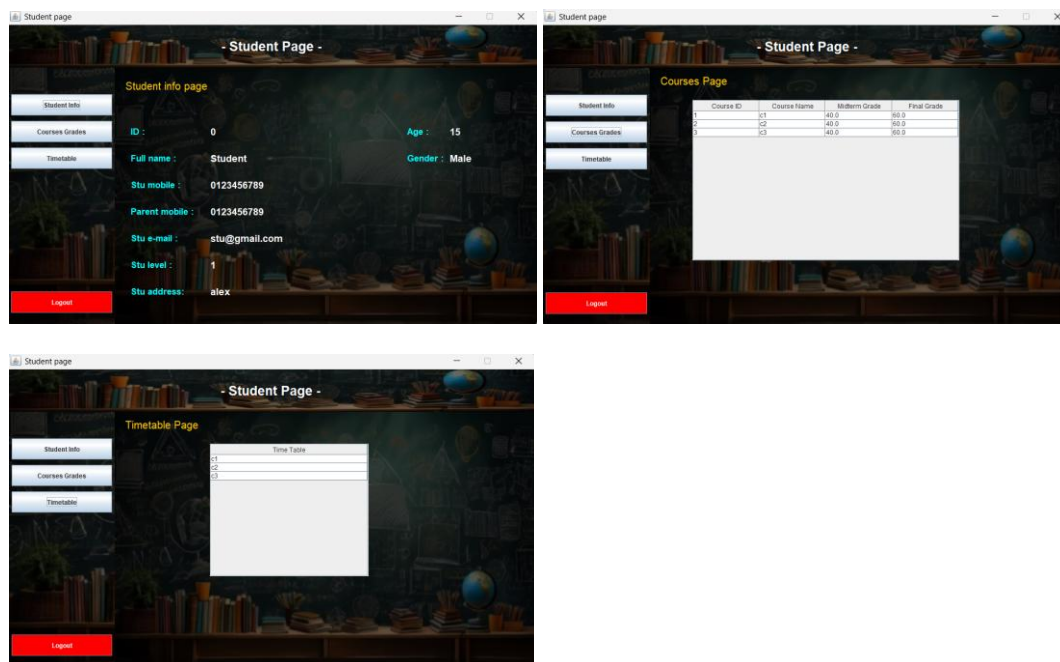
## Admin Features:

After logging in as an admin, you can navigate through the dashboard to manage students, teachers, courses, and grades.



## Student Features:

Students can view their information, grades, and timetable after logging in.



## Conclusion

The School Management System is a comprehensive tool for managing educational data efficiently. With its user-friendly interface and robust features, it aims to streamline administrative tasks within schools. For any issues or contributions, feel free to reach out or submit a pull request.