PYTHON MINI PROJECT

CLASS SCEDULING SYSTEM

OUR TEAM

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PROBLEM

"Managing class schedules, instructors, and student enrollments manually leads to confusion and inefficiency. This project aims to develop a simple Class Scheduling System that displays available courses, manages instructors and their schedules, and allows students to enroll easily, with proper storage of data using a relational database management system (RDBMS)."

SOLUTION

The Class Scheduling System automates the management of class schedules, instructors, and student enrollments. It provides a simple web interface where students can view available courses, instructors, and schedules, and easily enroll in their desired courses. The backend, built with Python and Flask, processes requests and interacts with a relational database (RDBMS) to store and retrieve data. The database consists of tables for Courses, Instructors, Schedules, and Enrollments, ensuring efficient data management. This system helps reduce manual errors, improve organization, and streamline the enrollment process for students and instructors.

WORKING

- Display Courses: Users can view available courses.
- Enroll in Courses: Students can click an "Enroll" button to register.
- Instructor and Schedule Info: Shows details of course instructors and schedules.
- Backend Handling: Flask processes requests and stores data in the database.

CONCLUSION

The Class Scheduling System streamlines course management, instructor scheduling, and student enrollments. It reduces manual errors and improves efficiency using Python (Flask) and a relational database. This project simplifies the scheduling process and can be expanded with additional features like notifications and improved user interfaces.

THANK YOU