SCHEDULLY
STUDENT TIME TABLE GENERATOR

About Project

Student Time Table Generator is a web-based application designed to streamline the process of creating schedules for educational institutions. This project aims to automate the scheduling process by utilizing available data on courses, teachers, and classrooms to generate optimized timetables. By leveraging technologies such as HTML, CSS, Bootstrap, JavaScript, PHP, and SQL, the system provides features such as course, teacher, and classroom management, automatic scheduling, and custom views of the timetable.

Featuers of Schedully

- **User Authentication :-** Secure login system to ensure only authorized users can access and modify schedules.

- **Automated Scheduling :-** Smart algorithms to automatically generate optimized schedules based on predefined constraints and preferences.

- **Views :-** Provide various views such as teachar view and class view

- **Resource Allocation :-** The system optimizes the allocation of resources like classrooms, laboratories, and faculty members.

- **Course Management :-** Faculty can input course details including course code, name, credits, and prerequisites.

How To Run

- **Step 1 :-** Download and Install local web server such as XAMPP.
  (**https://www.apachefriends.org/download.html**)

- **Step 2 :-** Open your XAMPP Control Panel and start the "Apache" and "MySQL".

- **Step 3 :-** Extract Student Time Table Generator file.

- **Step 4 :-** Copy the extracted source code folder and paste it into the XAMPP's "htdocs" directory.

- **Step 5 :-** Browse the PHPMyAdmin in a browser. i.e. **http://localhost/phpmyadmin**

- **Step 6 :-** Create a database naming "ttms"

- **Step 7 :-** Import the provided SQL file. The file is known as "ttms.sql".

- **Step 8 :-** Browse the Class and Exam Timetabling System in a browser. i.e. http://localhost/ttms/files/