Student Attendance Management System

SUMIT KUMAR

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Introduction

Student attendance tracking is a vital part of any academic environment. This project aims to build an efficient digital solution[1] to replace traditional methods.

Objectives

- Faculty can mark attendance through a simple interface.

- Students can view attendance history.

- Administrators can generate attendance reports.

Tools and Technologies

Technology	Usage
Python	Backend development
MySQL	Data storage
HTML/CSS	User interface

[1] Manual systems are time-consuming and prone to errors.

Weekly Plan

Day	Task
Mon	Requirement Gathering
Tue	UI Design
Wed	Database Setup
Thu	Backend Development
Fri	Testing and Debugging

Methodology

1. Requirement Gathering

2. UI Design and Planning

3. Backend Development

4. ~~Testing on local server only~~

5. File-based storage ~~Database integration~~

Key Features

- Login system with roles (Admin/Student/Faculty)

- Mark, View, and Edit Attendance

- Downloadable PDF reports

Conclusion

The proposed system ensures quick attendance management, improves accuracy, and saves time for both students and faculty.

Project Repository: https://github.com/yourproject

Symbol example: Task Completed → Project Delivered

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