Student Attendance Management System

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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

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

Rotated Label — Indicates rotated text usage.

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 $\rightarrow$ Project Delivered

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