PROJECT PROPOSAL

PROJECT TITLE: STUDENT ATTENDENCE MANAGEMENT SYSTEM

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OVERVIEW:

This Project helps in recording the student's attendance in various institutions. It helps teachers and the administrators to easily manage the attendance reports.

1. Goal of the project

The goal of the Student Attendance Management System is to automate and digitize the process of recording student attendance in educational institutions. The system reduces manual effort, avoids

errors, and allows teachers and administrators to easily manage and generate attendance reports.

2. Design Patterns

a) MVC (Model–View–Controller) Pattern: The Model manages database operations, the View handles the user interface, and the Controller processes user requests and application logic.

b) Client server architecture: The client (web browser) sends requests to the server, and the server processes the request and interacts with the database.

3. Technology used:

- FrontEnd: HTML, CSS
- BackEnd: PHP
- Database: MySQL
- Server: XAMPP
- Operating system: Windows

4. Database Schema:

a) Student Table

Field Name	Data Type	Description
student_id	INT	Unique student ID
student_name	VARCHAR(50)	Name of student
roll_no	VARCHAR(20)	Roll number

class	VARCHAR(20)	Class/Section

b) Administrator Table

Field Name	Data Type	Description
administrator	INT	administrator ID
username	VARCHAR(30)	Administrator user name
password	VARCHAR(30)	Administrator login password

5. SOURCE CODE:
PUBLIC REPO LINK:

https://github.com/brithi2003/Agentic-AI-Project.git