Project: Attendance Management System

Project Overview

The Attendance Management System is designed to help manage student attendance and leave requests through a structured User Panel and Admin Panel. This submission provides a nearly complete solution, with 98% of the functionalities implemented. Due to a tight timeline—having had an interview yesterday and a test today—some minor tasks remain unfinished, which I'll gladly complete if more time is provided.

Pending Features and Final Touches

- User Profile Management: Currently, only admins can view and update user profiles. Initially, the system was planned to allow users to view and update their profiles independently, but this feature is still pending.

- Final Touch-Up: Some final touch-ups are required to polish the user experience across both panels.

1. User Panel

The User Panel allows students to mark attendance, view records, and request leave with built-in restrictions to prevent duplicate attendance marking.

Features:

1. Registration and Login:

- User registration with basic details (name, email, roll number).

- Secure login for dashboard access.

2. Dashboard:

- Mark Attendance: Students can mark their daily attendance using a calendar, restricted to one entry per day.

- View Attendance: Allows users to track attendance history with a monthly summary.

- Request Leave: Users can request leave by selecting dates and providing reasons.

3. Mark Attendance:

- Attendance can only be marked once per day. If marked as present, absent, or on leave, re-marking is prevented.

4. View Attendance:

- Students can view detailed attendance records and generate a summary report.

5. Request Leave:

- Leave requests are submitted to the Admin Panel for approval.

2. Admin Panel

The Admin Panel is accessible to administrators who manage student records, attendance, leave requests, and reports.

Features:

1. Admin Login:

- Secure login to access admin functionalities.

2. Dashboard:

- **Quick access menu for managing:**
    - Student Records
    - Attendance
    - Leave Requests
    - Reports

3. Student Records:

- Admins can view and manage student data, including name, email, and roll number.
- Profile Management: Admins can update student profiles, including profile pictures.
- Edit/Delete Student Records: Allows for adjustments or deletion of records as needed.

4. Attendance Management:

- Daily Summary: Overview of the current day's attendance.
- Add Attendance: Admins can add or adjust attendance records manually.
- Generate Attendance Report: Detailed reports for tracking and analysis.

5. Leave Requests:

- Overview and status management of leave requests (pending, approved, rejected).
- Ability to approve or reject requests.

6. Report Generation:

- Excel Report Generation: Reports can be created and exported by selecting students, date ranges, and other criteria.

Technologies Used

- **Frontend:** HTML, CSS, Bootstrap (SB Admin 2 Dashboard, customized)

- **Backend:** PHP, MySQL

- **Interactivity:** AJAX, jQuery