

School Management System

Group_Code : CAI2_SWD5_S9

Team Members

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1. Introduction

The School Management System is a web-based application designed to manage students, teachers, schedules, attendance, and assignments efficiently. The system provides an admin dashboard to facilitate school operations and communication.

2. Features and Modules

2.1. Administration Dashboard

The administration panel allows school administrators to manage students, teachers, schedules, and attendance records.

2.2. Student Management

- Add, edit, or delete student records.
- View student grades and performance.

2.3. Teacher Management

- Add, edit, or remove teacher profiles.

- Assign subjects to teachers.

2.4. Schedule Management

- Create class schedules with assigned teachers.
- Modify existing schedules.

2.5. Attendance Management

- Record student and teacher attendance.
- Generate attendance reports.

2.6. Assignments & Homework

- Teachers can upload assignments.
- Students can submit their assignments.

2.7. Notifications System

- Send email or in-app notifications to students and teachers.

2.8. Announcements Section

- Display important announcements such as exam schedules and school activities.

3. Technology Stack

- **Frontend:** HTML, CSS, Javascript
 - **Backend:** C#, ASP.NET
 - **Database:** SQL Server
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4. User Roles and Permissions

Role	Permissions
Admin	Full access to student, teacher, schedule, and attendance management.
Teacher	Manage assignments, attendance, and student performance.
Student	View schedules, submit assignments, and check grades.

5. System Flow

1. **Admin Login:** Access the dashboard.
 2. **Manage Users:** Add/edit students and teachers.
 3. **Schedule Classes:** Assign teachers to subjects.
 4. **Attendance Tracking:** Mark and review attendance.
 5. **Assignment Submission:** Teachers upload, students submit.
 6. **Notifications & Announcements:** Send messages and updates.
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6. Conclusion

This School Management System provides a structured way to handle school operations efficiently, improving communication between students, teachers, and administrators.