**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

**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.

**6. Conclusion**

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