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Topic	Student Management System
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Title of the Project	Student Management System
Software Requirements	**Operating System:** Windows 10 or 11 **Database Server:** Microsoft SQL Server 2019 Express edition **Client:** Microsoft Edge, Chrome, Firefox, Safari **Tools:** Microsoft Visual Studio 2022, .Net framework 4.8 **Frontend:** HTML, CSS, ASP.NET, Bootstrap **Backend**: C#, ADO.NET, Entity Framework
Hardware Requirements	**Processor:** Intel core i3 or more **Ram:** 4 GB Ram or more

ABSTRACT

The project entitled **Student Management System** is an online application to help in the maintenance of the records of the courses, students and teachers registered to respective courses of a coaching center.

The Admin can add, edit, or delete the courses. The Admin can also perform the CRUD operation for the courses, teachers, and students records i.e which adds the details of a new student, and the course he selected. The Admin also adds the teacher who joins the coaching center.

MODULES

1. Admin
2. New Admin Registration
3. Authentication

1) <u>ADMIN</u>

- Admin can log in using password and Admin name
- Important functions to be performed are:-
    - ➔ Adding course details like course duration, course name, course cost, etc…
    - ➔ Adding teacher details like teacher name, teacher qualification, etc….
    - ➔ Adding student details like student name, mobile number, etc….
- Updating course cost
- Deleting course

2) <u>NEW ADMIN REGISTRATION</u>

- New Admin can create their account by setting a password and Admin name
- The details will be uploaded to a database table in SQL server

3) <u>AUTHENTICATION</u>

- Registered Admin can log in to their accounts by providing a valid Admin name and password
- The password and Admin name will be checked against the details in SQL server and access will be provided if there is a match

4) <u>CRUD-OPERATIONS</u>

- Valid Admin can create new courses and add details regarding it
- They can view the total students in the coaching center.
- Their personal details will be safely stored within the database.

<u>SCOPE</u>

The aim of the project is to provide a simple Admin-friendly interface for a tutorials center. The Admin, can update, add and delete the student and course details using button clicks which makes the process a lot easier.

Admin can easily view the number of students in the center, all the courses available in the respective tutorial center and what is the fees a student paid, and how much is remaining.

OUT OF SCOPE

- There is no scope for sending an SMS or Email to registered students.