

Task: Build a Comprehensive Student Management System

Objective:

Develop a student management system using **Express.js**, **MySQL**, and **EJS views** to manage student data with more detailed fields.

Requirements:

1. Database Setup:

- Create a MySQL database and a table to store student information.
- The table should have **7 columns** to store the following details:
 1. `id` (Primary Key, Auto Increment)
 2. `name` (Student Name)
 3. `age` (Student Age)
 4. `grade` (Grade/Class of the Student)
 5. `email` (Student Email Address)
 6. `phone` (Student Phone Number)
 7. `address` (Student Home Address)

2. Express Server:

- Set up an Express server to handle the following functionality:
 1. Display a form for adding a new student.
 2. Insert the student's details into the database upon form submission.
 3. Display a list of all students from the database.

3. Views with EJS:

- Use EJS templates for the following pages:
 - A **form page** to add a new student.
 - A **list page** to display all students.

4. Routes to Implement:

- **GET /form**: Display the student form.
 - **POST /add-student**: Handle form submission and save the student data into the database.
 - **GET /students**: Display a list of all students.
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Deliverables:

1. A fully functional server built with Express.js.
 2. MySQL database with a table containing 7 columns for student data.
 3. EJS templates for the form and list pages.
 4. Code repository link with a README file explaining how to set up and run the project.
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Deadline: Provide a realistic deadline for your students.

Bonus: Encourage students to add basic CSS styling to their pages to make them visually appealing.