**📘 Assignment: Build a Comprehensive Student Management System in PHP**

**🧠 Objective:**

Design and implement a student management system using **PHP** and **MySQL**. The goal is to learn and apply web development concepts such as form handling, database operations, and basic CRUD functionality.

**📋 Project Requirements:**

**🗄️ 1. Database Setup:**

* Create a MySQL database called student\_management.
* Inside the database, create a table named students with the following 7 columns:

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Type** | **Description** |
| id | INT, Auto Increment, Primary Key | Unique student ID |
| name | VARCHAR(100) | Full name of the student |
| age | INT | Student's age |
| grade | VARCHAR(20) | Class/Grade |
| email | VARCHAR(100) | Email address |
| phone | VARCHAR(20) | Contact number |
| address | TEXT | Home address |

**🌐 2. PHP Web Application:**

Create PHP pages to perform the following tasks:

* Displays a form to input student data.
* Handles form submission and inserts the data into the database.
* Retrieves and displays all students from the database in a table.
* Update Data from database
* Delete Data from Database

**🎨 3. Frontend:**

* Use **HTML forms** for user input.
* Apply **basic CSS styling** (bonus if you use Tailwind).
* Ensure the UI is simple, clear, and functional.

**✅ Expected Deliverables:**

* Fully working **PHP project** with database connection.

**🧪 Assessment Criteria (CRUS-based) – Total: 20 Marks**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  | | --- | --- | --- | | Criteria | Marks | Description | | Clarity | 4 | Code is well-written, structured, and easy to follow. Variables and files are named appropriately. | | Relevance | 4 | The system meets the functional requirements (form, DB insert, student listing). | | Usefulness | 4 | The interface works correctly and could realistically be used by a school. Form and list functionalities work without errors. | | Scope | 4 | Student implemented all required features (form, insert, list,delete,update). | | Bonus: UI/CSS | +2 | Optional: Neat design using CSS or Tailwind CSS | |

**⏳ Deadline:**

You have **1 Day** from today to complete and submit your project. Submit it as a zipped folder or via GitHub link.