

Lab Application: Student Registration Form with Database Integration

Objective: Create a student registration form that allows users to input their information and stores it in a MySQL database using the POST method.

Requirements:

1. **Design a web page using HTML5 that includes the following form fields:**
 - a. Full Name (text input)
 - b. Email Address (email input)
 - c. Gender (radio buttons for Male/Female)
 - d. Submit button
2. **Connect to a MySQL database using pure PHP. Create a table named "students" with the following columns:**
 - a. id (auto-incrementing primary key)
 - b. full_name (VARCHAR)
 - c. email (VARCHAR)
 - d. gender (ENUM: 'Male', 'Female')

When the user clicks the Submit button, use the POST method to send the form data to a PHP script that performs the following actions:

- a. Validates the form data once again on the server-side.
- b. If the data is valid, insert the student's information into the "students" table in the database.
- c. Display a success message on the web page if the data is successfully inserted into the database.
- d. If there are any errors, display appropriate error messages on the web page.

***You do not need to use any CSS.**

And finally list the information of the students registered from the database on the web page by performing the above requirements. (You can make the listing as you wish.)