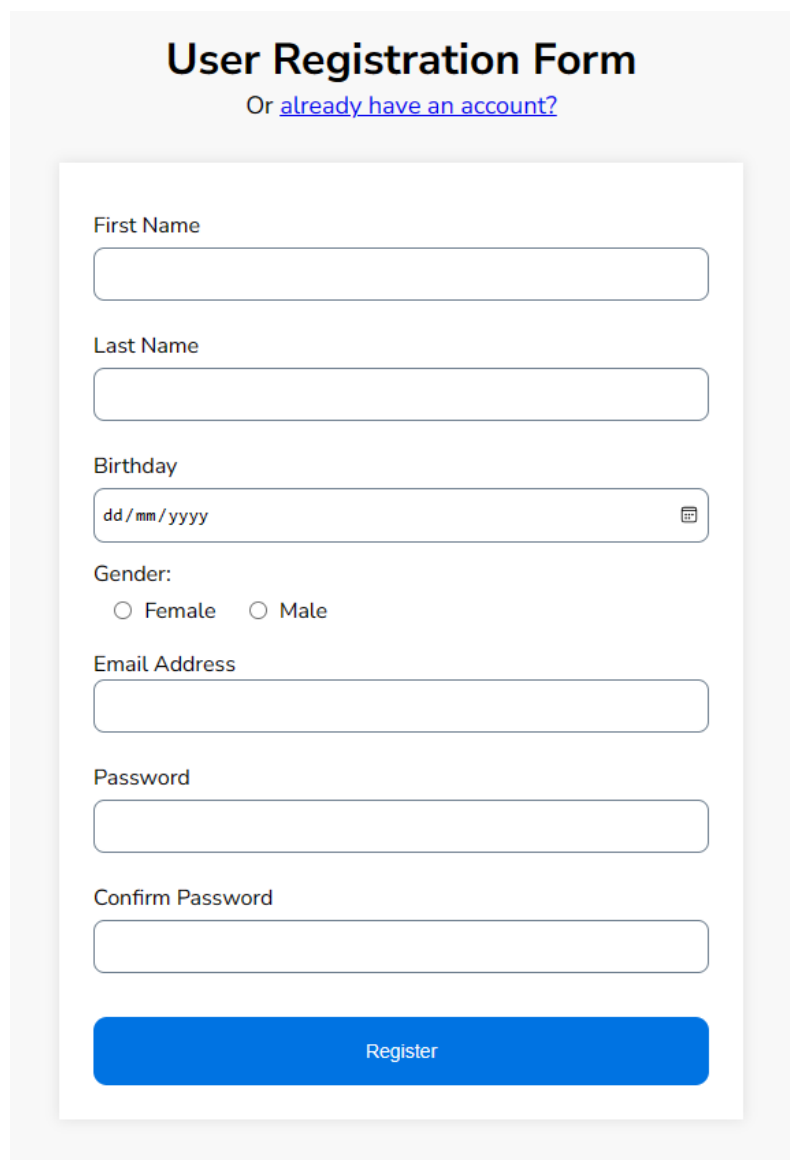


# FINAL PROJECT: USER REGISTRATION PAGE WITH PHP

## Instructions:

For your final project, you will build a user registration website. The website must contain both the client side (file components: HTML, CSS, and JavaScript) and the server side (file components: PHP, and MySQL database provided by the XAMPP application).

On the client side, it is expected that you will display the following form inputs (you don't need to follow the exact same style and layout):



The image shows a user registration form with the following fields and elements:

- Title:** User Registration Form
- Link:** Or [already have an account?](#)
- First Name:** Text input field
- Last Name:** Text input field
- Birthday:** Date input field with placeholder `dd/mm/yyyy` and a calendar icon
- Gender:** Radio buttons for Female and Male
- Email Address:** Text input field
- Password:** Text input field
- Confirm Password:** Text input field
- Register:** Blue button

Additionally, you need to incorporate JavaScript to your user registration page and perform the following:

- Check if input values are not empty.
- Check if Password and Confirm Password are of the same value.
- Check if the format of the Email address is correct.

Lastly, be creative in building your website. You may choose what type of design to incorporate into your website, as long as you adhere to the principles of web design, such as hierarchy, alignment, and color.

For the server side, ensure that you have installed the XAMPP application. After installation, open the XAMPP control panel and start the servers to establish a connection between your website and the web server. (Note that you cannot execute PHP if the XAMPP server is not running).

The PHP file is responsible for handling the form submission and storing the user input in the MySQL database. Ensure that you connect your website to the database before handling the form. After connecting to the database, retrieve all the input values from the user registration page. The PHP should retrieve the following inputs:

- First Name
- Last Name
- Birthday
- Gender
- Email address
- Password

These values are then saved to your MySQL database. If the operation is successful, the PHP will respond with "User successfully added to the database." Otherwise, it should respond with "Failed to add user to the database."

### **Submission Guidelines:**

- You are required to create a short video. Specifically, the video should be a screen recording of your laptop or computer, with your face visible on the screen throughout. The video must include the following sections:
  - **INTRODUCTION** – Please state your full name, your program, and your year level.
  - **CLIENT SIDE** – After the introduction, demonstrate the responsiveness of your website first followed by verifying the correct implementation of JavaScript:
    - **USE CASE 1** - Submit an empty form.
    - **USE CASE 2** - Input an email address in an incorrect format.
    - **USE CASE 3** - Enter different values in the Password and Confirm Password fields.
    - **USE CASE 4:** Input all values correctly.
    - For use cases 1 to 3, JavaScript should output an error. For use case 4, the website should connect to the web server and display the

corresponding HTTP response (indicating whether the user has been added or not).

- **SERVER SIDE** – Navigate to the phpMyAdmin page and display the database. If the HTTP request was successful, show that the user information has been added to the table.
- There is no minimum or maximum length for the video but ensure that you follow all the instructions above and that your face is visible throughout the video.
- You can submit your video via any platform (Google Drive, YouTube, or Microsoft Stream). However, ensure that the link you embedded in the Assignment Card is viewable by anyone with the link. Please double-check the settings of your link before submitting it.
- Aside from submitting the video link, you also need to submit the JavaScript files and the PHP files (only these two files to check the efficiency of your code).
- Please note that late submissions will not be accepted, as you have one week to complete your final project.

#### **Final Project Criteria (100 points):**

1. **Website Design (25 points):** This category assesses the visual appeal, usability, and responsiveness of the website.
  - a. **Layout (10 points):** Is the website well-organized and easy to navigate? Does the layout make sense for the content?
  - b. **Color Scheme and Typography (5 points):** Are the colors and fonts consistent, visually pleasing, and appropriate for the content?
  - c. **Responsiveness (10 points):** Does the website look good and function well on different screen sizes and devices?
2. **JavaScript Implementation (30 points):** This category assesses the functionality of the JavaScript code and its implementation of the use cases.
  - a. **Use Case Implementation (20 points):** Are all the use cases correctly implemented? Does the JavaScript code produce the expected output for each use case?
  - b. **Code Quality (10 points):** Is the JavaScript code clean, efficient, and well-organized? Are there any errors or bugs?
3. **Following Instructions (20 points):** This category assesses the student's adherence to the project guidelines and instructions.
  - a. **Video Submission (10 points):** Did the student follow the video submission guidelines? Is their face visible throughout the video? Is the video link viewable and correctly embedded in the Assignment Card?
  - b. **Use Case Performance (10 points):** Did the student correctly perform all the required steps in the use cases during their video?

4. **PHP Implementation (25 points):** This category assesses the functionality of the PHP code and its handling of server-side operations.
- a. **Server-Side Operations (15 points):** Does the PHP code correctly handle data insertion into the database and HTTP requests?
  - b. **Code Quality (10 points):** Is the PHP code clean, efficient, and well-organized? Are there any errors or bugs?