



# EAST WEST UNIVERSITY

## Assignment

### User Registration and Login System

Department of Computer Science & Engineering

**Semester:** Fall 2025

**Course:** CSE479 WEB PROGRAMMING

**Section:** 3

**Submission from:** Akhlak Hossain

**ID:** 2022-3-60-057

**Submission to:** Nahid Hasan

Lecturer, Department of Computer Science and Engineering

## Overview:

This project builds a basic user registration and login system using PHP and MySQL. It lets new users create accounts and allows existing users to access the system by entering their credentials. The PHP files work together to create a simple authentication workflow for a web application.

## Objective:

The aim of this project is to provide a secure method for users to sign up and log in. User details such as name, email, phone, and address are stored in a database so that the system can identify each user. The goal is to prevent unauthorized access and maintain a clean, organized user management process.

## INTRODUCTION:

The system is developed using four main PHP files.

1. One file handles the database connection.
2. One defines the table structure.
3. One manages user registration.
4. One manages user login.

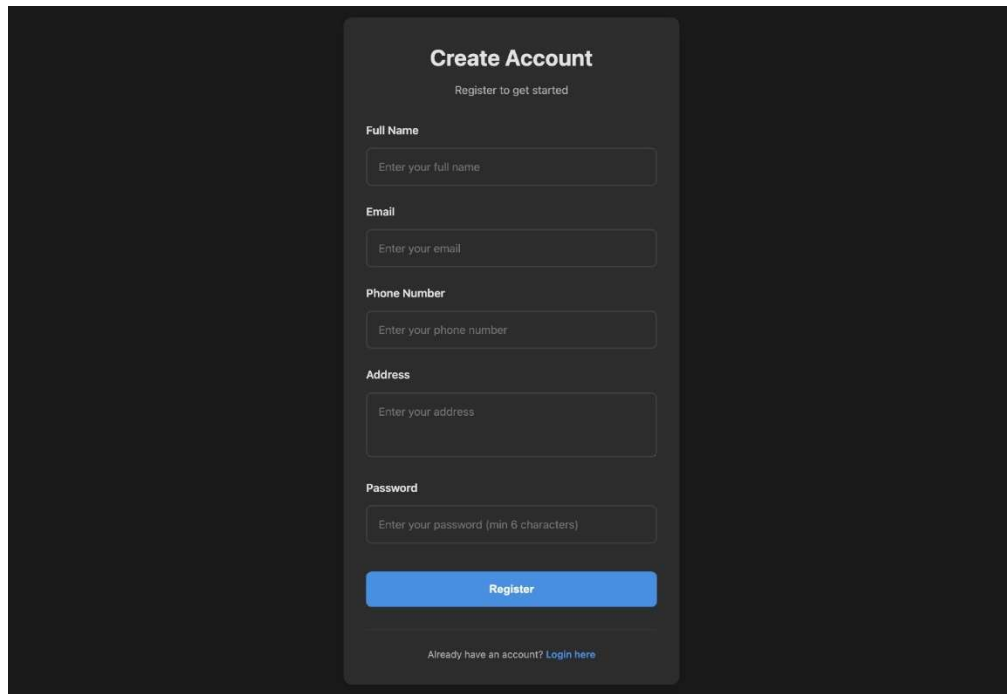
Each file contains HTML forms that allow users to submit their information, and the PHP code processes these inputs on the server side.

## PROJECT STRUCTURE:

**Database.php:** Creates the connection to the MySQL database using host, username, and password.

**Config.php:** Creates the users table with fields for ID, full name, email, phone, address, and password.

**Register.php:** Shows a registration form for new users. It checks if the email already exists and saves the information in the database if it is new.



**Create Account**  
Register to get started

**Full Name**

**Email**

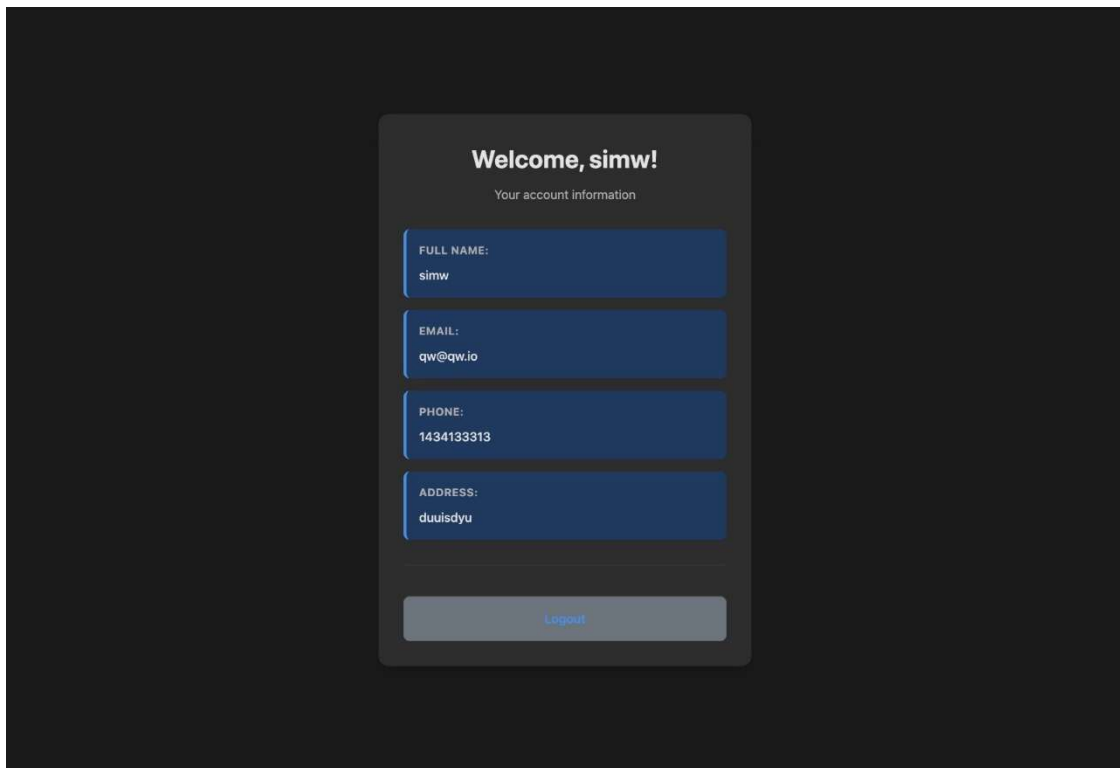
**Phone Number**

**Address**

**Password**

**Register**

[Already have an account? Login here](#)



**Welcome, simw!**  
Your account information

**FULL NAME:**  
simw

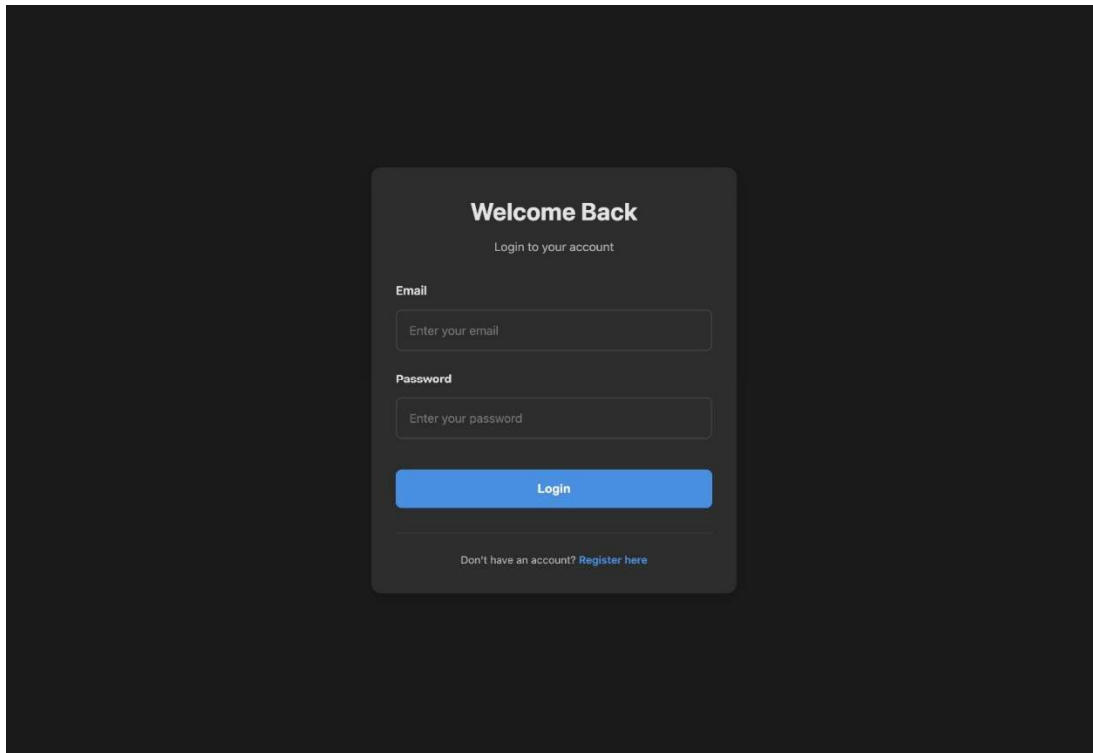
**EMAIL:**  
qw@qw.io

**PHONE:**  
1434133313

**ADDRESS:**  
duisdyu

**Logout**

**Login.php:** Displays a login form and verifies the email and password entered by the user. If the data matches the database, the login is successful.



## WORKING PROCEDURE:

Users begin with the registration page where they enter their personal details. The system checks if the email is already registered. If not, the data is stored in the database. For login, users enter their email and password. The system searches the database for a matching record and displays a message indicating success or failure. Both pages include navigation links so users can move between registration and login easily.

## FEATURES:

1. Simple registration form for collecting user data.
2. Email checking to prevent duplicate accounts.
3. Login validation using email and password.
4. Clear success and error messages.
5. Basic HTML interface for easy use.

## **LIMITATIONS:**

The system has several limitations. Form data is placed directly into SQL queries which makes it vulnerable to SQL injection. Passwords are stored without hashing, so they can be easily accessed if the database is compromised. There is no input validation to check if email or phone numbers are correct. The project also lacks features such as session handling or password recovery.

## **CONCLUSION:**

This project serves as an introductory example of user authentication in PHP. It shows how to connect to a database, store user information, and validate login data. With improvements such as prepared statements, password hashing, and session management, the system can be made more secure and suitable for real use.