# Final Code

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<?php session\_start();

if (!isset($\_SESSION['user\_id'])) { header('Location: login.php'); exit();

}

$servername = "localhost";

$username = "root"; // your database username

$password = ""; // your database password

$dbname = "user\_system";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

$class\_name = $\_POST['class\_name'];

$sql = "INSERT INTO classes (class\_name) VALUES ('$class\_name')"; if ($conn->query($sql) === TRUE) {

echo "Class added successfully!";

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Add Class</title>

</head>

<body>

<h2>Add New Class</h2>

<form method="POST">

Class Name: <input type="text" name="class\_name" required><br>

<button type="submit">Add Class</button>

</form>

</body>

</html>

# Connection:

<?php

$servername = "localhost"; // Database host

$username = "root";

$password = ""; //

$dbname = "db"; //

// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

?>

**Index (homepage):**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Courses Online</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #e0e0e0; /\* Light gray background \*/ margin: 0;

padding: 0; display: flex;

justify-content: center; align-items: center; height: 100vh;

}

.container {

text-align: center;

background: rgba(255, 255, 255, 0.8); /\* Transparent bubble style \*/ padding: 30px;

border-radius: 50%; /\* Circular bubble \*/ box-shadow: 0 4px 15px rgba(0, 0, 0, 0.2); width: 250px; /\* Smaller width \*/

}

h1 {

margin-bottom: 20px;

font-size: 20px; /\* Reduced font size \*/ font-weight: bold;

color: black; /\* Black title for contrast \*/

}

p {

font-size: 12px; /\* Reduced font size \*/ color: black;

}

a {

display: inline-block; /\* Inline buttons \*/ margin: 10px 5px;

padding: 8px 15px; /\* Smaller button padding \*/ background-color: black;

color: white;

text-decoration: none;

border-radius: 20px; /\* Rounded bubble buttons \*/ font-size: 14px; /\* Reduced font size \*/

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.2); transition: all 0.3s ease;

}

a:hover {

background-color: white; color: black;

border: 1px solid black;

}

/\* Add animation for bubbles \*/ @keyframes floating {

0%, 100% {

transform: translateY(0);

}

50% {

transform: translateY(-10px);

}

}

.container {

animation: floating 4s ease-in-out infinite;

}

</style>

</head>

<body>

<div class="container">

<h1>Courses Online</h1>

<p>Select an option to proceed:</p>

<a href="login.php">Login</a>

<a href="register.php">Register</a>

</div>

</body>

</html>

# Login:

<?php session\_start();

// Include the database connection include('connection.php');

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

$email = $\_POST['email'];

$password = $\_POST['password'];

$sql = "SELECT \* FROM users WHERE email = ?";

$stmt = $conn->prepare($sql);

$stmt->bind\_param("s", $email);

$stmt->execute();

$result = $stmt->get\_result();

if ($result->num\_rows > 0) {

$user = $result->fetch\_assoc();

if (password\_verify($password, $user['password'])) {

$\_SESSION['user\_id'] = $user['id'];

header('Location: profile.php'); exit();

} else {

$error = "Invalid password!";

}

} else {

$error = "No user found with that email!";

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Login</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #e0e0e0; /\* Light gray background \*/ margin: 0;

padding: 0; display: flex;

justify-content: center; align-items: center; height: 100vh;

}

.login-container {

background: rgba(255, 255, 255, 0.9); /\* Transparent white bubble \*/ padding: 30px;

border-radius: 50%; /\* Bubble effect \*/ box-shadow: 0 4px 15px rgba(0, 0, 0, 0.3); text-align: center;

width: 300px;

}

h2 {

margin-bottom: 20px; font-size: 24px; font-weight: bold; color: black;

}

.form-group {

margin-bottom: 15px; text-align: left;

}

label {

display: block; font-weight: bold; font-size: 14px; color: black; margin-bottom: 5px;

}

input {

width: 100%; padding: 10px;

border: 1px solid #ccc;

border-radius: 20px; /\* Rounded input fields \*/ font-size: 14px;

outline: none;

}

input:focus {

border-color: black;

box-shadow: 0 0 5px black;

}

button {

padding: 8px 20px; /\* Smaller padding for compact button \*/ background-color: black;

color: white; border: none;

border-radius: 20px; /\* Rounded button \*/ font-size: 14px; /\* Smaller font size \*/ cursor: pointer;

margin-top: 10px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.2);

}

button:hover {

background-color: white; color: black;

border: 1px solid black;

}

.error {

color: red;

margin-bottom: 10px; font-size: 14px;

}

/\* Add floating animation for the login bubble \*/ @keyframes floating {

0%, 100% {

transform: translateY(0);

}

50% {

transform: translateY(-10px);

}

}

.login-container {

animation: floating 3s ease-in-out infinite;

}

</style>

</head>

<body>

<div class="login-container">

<h2>Login</h2>

<?php if (isset($error)): ?>

<div class="error"><?php echo $error; ?></div>

<?php endif; ?>

<form method="POST">

<div class="form-group">

<label for="email">Email</label>

<input type="email" name="email" id="email" required>

</div>

<div class="form-group">

<label for="password">Password</label>

<input type="password" name="password" id="password" required>

</div>

<button type="submit">Log In</button>

</form>

</div>

</body>

</html>

# Logout:

<?php session\_start(); session\_unset(); session\_destroy();

header('Location: login.php'); exit();

?>

**Profile:**

<?php session\_start();

if (!isset($\_SESSION['user\_id'])) { header('Location: login.php'); exit();

}

// Include the database connection include('connection.php');

$user\_id = $\_SESSION['user\_id'];

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

if (isset($\_POST['enroll']) && isset($\_POST['class\_id'])) {

$class\_id = (int)$\_POST['class\_id'];

$sql = "INSERT INTO enrollments (user\_id, class\_id) VALUES (?, ?)";

if ($stmt = $conn->prepare($sql)) {

$stmt->bind\_param("ii", $user\_id, $class\_id); if ($stmt->execute()) {

$message = "You have successfully enrolled in the class.";

} else {

$message = "Error enrolling: " . $stmt->error;

}

$stmt->close();

}

} elseif (isset($\_POST['drop']) && isset($\_POST['class\_id'])) {

$class\_id = (int)$\_POST['class\_id'];

$sql = "DELETE FROM enrollments WHERE user\_id = ? AND class\_id = ?";

if ($stmt = $conn->prepare($sql)) {

$stmt->bind\_param("ii", $user\_id, $class\_id); if ($stmt->execute()) {

$message = "You have successfully dropped the class.";

} else {

$message = "Error dropping: " . $stmt->error;

}

$stmt->close();

}

}

}

// Fetch all available classes

$sql = "SELECT \* FROM classes";

$result = $conn->query($sql);

$classes = [];

while ($row = $result->fetch\_assoc()) {

$classes[] = $row;

}

// Fetch enrolled classes

$sql = "SELECT classes.class\_name, classes.id FROM enrollments JOIN classes ON enrollments.class\_id = classes.id WHERE enrollments.user\_id = ?";

if ($stmt = $conn->prepare($sql)) {

$stmt->bind\_param("i", $user\_id);

$stmt->execute();

$result = $stmt->get\_result();

$enrolled\_classes = [];

while ($row = $result->fetch\_assoc()) {

$enrolled\_classes[] = $row;

}

$stmt->close();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Profile</title>

<style>

body {

font-family: 'Arial', sans-serif; background: #121212;

color: #f5f5f5; margin: 0;

padding: 0;

}

.container {

width: 90%;

max-width: 900px; margin: 50px auto; background: #1e1e1e; border-radius: 10px; padding: 20px;

box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.3);

}

h2 {

text-align: center;

}

.message {

margin-bottom: 20px; padding: 10px; border-radius: 5px; text-align: center;

}

.success {

background-color: #2e7d32; color: #fff;

}

.error {

background-color: #d32f2f; color: #fff;

}

table {

width: 100%;

border-collapse: collapse; margin-bottom: 20px;

}

table th, table td { padding: 10px; text-align: left;

border-bottom: 1px solid #444;

}

table th {

background: #333;

}

table td {

background: #2a2a2a;

}

form {

display: flex; gap: 10px;

align-items: center; justify-content: center;

}

select, button { padding: 10px; border: none; border-radius: 5px; background: #333; color: #f5f5f5;

}

button {

background: #4caf50; cursor: pointer;

}

button:hover { background: #43a047;

}

</style>

</head>

<body>

<div class="container">

<h2>Your Profile</h2>

<?php if (isset($message)): ?>

<div class="message <?php echo strpos($message, 'successfully') !== false ? 'success' : 'error'; ?>">

<?php echo htmlspecialchars($message); ?>

</div>

<?php endif; ?>

<h3>Enrolled Classes</h3>

<table>

<thead>

<tr>

<th>Class Name</th>

</tr>

</thead>

<tbody>

<?php foreach ($enrolled\_classes as $class): ?>

<tr>

<td><?php echo htmlspecialchars($class['class\_name']);

?></td>

</tr>

<?php endforeach; ?>

</tbody>

</table>

<h3>Available Classes</h3>

<form method="POST">

<select name="class\_id" required>

<?php foreach ($classes as $class): ?>

<option value="<?php echo $class['id']; ?>"><?php echo htmlspecialchars($class['class\_name']); ?></option>

<?php endforeach; ?>

</select>

<button type="submit" name="enroll">Enroll</button>

</form>

<h3>Drop a Class</h3>

<form method="POST">

<select name="class\_id" required>

<?php foreach ($enrolled\_classes as $class): ?>

<option value="<?php echo $class['id']; ?>"><?php echo htmlspecialchars($class['class\_name']); ?></option>

<?php endforeach; ?>

</select>

<button type="submit" name="drop">Drop</button>

</form>

</div>

</body>

</html>

# Register:

<?php

// Include the database connection

include('connection.php');

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

$email = $\_POST['email'];

$password = password\_hash($\_POST['password'], PASSWORD\_DEFAULT); // Hash the password

// Use prepared statements to avoid SQL injection

$sql = "INSERT INTO users (email, password) VALUES (?, ?)";

$stmt = $conn->prepare($sql);

$stmt->bind\_param("ss", $email, $password);

if ($stmt->execute()) {

$success = "Registration successful!";

} else {

$error = "Error: " . $stmt->error;

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Register</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #e0e0e0; /\* Light gray background \*/ margin: 0;

padding: 0; display: flex;

justify-content: center; align-items: center; height: 100vh;

}

.register-container {

background: rgba(255, 255, 255, 0.9); /\* Transparent white bubble \*/ padding: 30px;

border-radius: 50%; /\* Bubble effect \*/ box-shadow: 0 4px 15px rgba(0, 0, 0, 0.3); text-align: center;

width: 300px;

}

h2 {

margin-bottom: 20px; font-size: 24px; font-weight: bold; color: black;

}

.form-group {

margin-bottom: 15px; text-align: left;

}

label {

display: block; font-weight: bold; font-size: 14px; color: black; margin-bottom: 5px;

}

input {

width: 100%; padding: 10px;

border: 1px solid #ccc;

border-radius: 20px; /\* Rounded input fields \*/ font-size: 14px;

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input:focus {

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}

button {

padding: 8px 20px; /\* Smaller padding for compact button \*/ background-color: black;

color: white; border: none;

border-radius: 20px; /\* Rounded button \*/

font-size: 14px; /\* Smaller font size \*/ cursor: pointer;

margin-top: 10px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.2);

}

button:hover {

background-color: white; color: black;

border: 1px solid black;

}

.message {

text-align: center; margin-bottom: 10px; font-size: 14px; font-weight: bold;

}

.success {

color: green;

}

.error {

color: red;

}

/\* Add floating animation for the register bubble \*/ @keyframes floating {

0%, 100% {

transform: translateY(0);

}

50% {

transform: translateY(-10px);

}

}

.register-container {

animation: floating 3s ease-in-out infinite;

}

</style>

</head>

<body>

<div class="register-container">

<h2>Register</h2>

<?php if (isset($success)): ?>

<div class="message success"><?php echo $success; ?></div>

<?php elseif (isset($error)): ?>

<div class="message error"><?php echo $error; ?></div>

<?php endif; ?>

<form method="POST">

<div class="form-group">

<label for="email">Email</label>

<input type="email" name="email" id="email" required>

</div>

<div class="form-group">

<label for="password">Password</label>

<input type="password" name="password" id="password" required>

</div>

<button type="submit">Register</button>

</form>

</div>

</body>

</html>