**Register(click)**

<?php

include('config.php');

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

$username = htmlspecialchars(trim($\_POST['username']));

$email = htmlspecialchars(trim($\_POST['email']));

$password = htmlspecialchars(trim($\_POST['password']));

$confirm\_password = htmlspecialchars(trim($\_POST['confirm\_password']));

// Password validation

if ($password !== $confirm\_password) {

echo "Passwords do not match.";

exit();

}

// Hash the password before saving to the database

$hashed\_password = password\_hash($password, PASSWORD\_DEFAULT);

// Check if username exists

$sql = "SELECT \* FROM users WHERE username='$username'";

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

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

echo "Username already exists.";

} else {

// Insert user into database

$sql = "INSERT INTO users (username, email, password) VALUES ('$username', '$email', '$hashed\_password')";

if ($conn->query($sql) === TRUE) {

echo "Registration successful!";

} 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>Register</title>

</head>

<body>

<h2>Register</h2>

<form action="register.php" method="POST">

<label>Username:</label><br>

<input type="text" name="username" required><br><br>

<label>Email:</label><br>

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

<label>Password:</label><br>

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

<label>Confirm Password:</label><br>

<input type="password" name="confirm\_password" required><br><br>

<input type="submit" value="Register">

</form>

</body>

</html>

**Login**

<?php

include('config.php');

session\_start();

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

$username = htmlspecialchars(trim($\_POST['username']));

$password = htmlspecialchars(trim($\_POST['password']));

$sql = "SELECT \* FROM users WHERE username='$username'";

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

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

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

// Verify password

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

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

header("Location: welcome.php");

} else {

echo "Invalid password.";

}

} else {

echo "No account found with that username.";

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Login</title>

</head>

<body>

<h2>Login</h2>

<form action="login.php" method="POST">

<label>Username:</label><br>

<input type="text" name="username" required><br><br>

<label>Password:</label><br>

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

<input type="submit" value="Login">

</form>

</body>

</html>

**Logout**

<?php

session\_start();

session\_destroy();

header("Location: login.php");

?>

**Config**

<?php

$servername = "localhost";

$username = "root"; // Default XAMPP username

$password = ""; // Default XAMPP password

$dbname = "user\_system";

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

if ($conn->connect\_error) {

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

}

?>

**Welcome**

<?php

session\_start();

if (!isset($\_SESSION['username'])) {

header("Location: login.php");

exit();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Welcome</title>

</head>

<body>

<h2>Welcome, <?php echo $\_SESSION['username']; ?>!</h2>

<a href="logout.php">Logout</a>

</body>

</html>