// Config.php

<?php

$servername = 'localhost';

$username = 'root';

$password = '';

$dbname = 'registration';

// Create connection

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

// Check connection

if ($conn->connect\_error) {

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

}

?>

// Errors.php  
  
<?php if (count($errors) > 0): ?>

<div class="error">

<?php foreach ($errors as $error): ?>

<p><?php echo $error; ?></p>

<?php endforeach ?>

</div>

<?php endif ?>

// index.php

<?php

session\_start();

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

header('location: login.php');

exit();

}

if (isset($\_GET['logout'])) {

session\_destroy();

unset($\_SESSION['username']);

header('location: login.php');

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Home</title>

</head>

<body>

<div class="header"><h2>Home Page</h2></div>

<div class="content">

<?php if (isset($\_SESSION['success'])): ?>

<div class="success"><h3><?php echo $\_SESSION['success']; unset($\_SESSION['success']); ?></h3></div>

<?php endif; ?>

<p>Welcome <strong><?php echo $\_SESSION['username']; ?></strong></p>

<p><a href="index.php?logout=1" style="color:red;">Logout</a></p>

</div>

</body>

</html>  
  
  
//login.php  
  
<?php include('server.php'); ?>

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

</head>

<body>

<div class="header"><h2>Login</h2></div>

<form method="POST" action="">

<?php include('errors.php'); ?>

<div class="input-group">

<label>Username</label>

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

</div>

<div class="input-group">

<label>Password</label>

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

</div>

<div class="input-group">

<button type="submit" class="btn" name="login\_user">Login</button>

</div>

<p>Not yet a member? <a href="register.php">Sign up</a></p>

</form>

</body>

</html>

// register.php  
  
<?php include('server.php'); ?>

<!DOCTYPE html>

<html>

<head>

<title>Register</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="header"><h2>Register</h2></div>

<form method="POST" action="">

<?php include('errors.php'); ?>

<div class="input-group">

<label>Username</label>

<input type="text" name="username" value="<?php echo htmlspecialchars($username); ?>" required>

</div>

<div class="input-group">

<label>Email</label>

<input type="email" name="email" value="<?php echo htmlspecialchars($email); ?>" required>

</div>

<div class="input-group">

<label>Password</label>

<input type="password" name="password\_1" required>

</div>

<div class="input-group">

<label>Confirm Password</label>

<input type="password" name="password\_2" required>

</div>

<div class="input-group">

<button type="submit" class="btn" name="reg\_user">Register</button>

</div>

<p>Already a member? <a href="login.php">Sign in</a></p>

</form>

</body>

</html>

// server.php

<?php

session\_start();

include('config.php');

$username = "";

$email = "";

$errors = [];

// REGISTER USER

if (isset($\_POST['reg\_user'])) {

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

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

$password\_1 = trim($\_POST['password\_1']);

$password\_2 = trim($\_POST['password\_2']);

if (!$username) $errors[] = "Username is required";

if (!$email) $errors[] = "Email is required";

if (!$password\_1) $errors[] = "Password is required";

if ($password\_1 !== $password\_2) $errors[] = "Passwords do not match";

if (empty($errors)) {

$stmt = $conn->prepare("SELECT \* FROM users WHERE username=? OR email=? LIMIT 1");

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

$stmt->execute();

$user = $stmt->get\_result()->fetch\_assoc();

if ($user) {

if ($user['username'] === $username) $errors[] = "Username already exists";

if ($user['email'] === $email) $errors[] = "Email already exists";

} else {

$stmt = $conn->prepare("INSERT INTO users (username, email, password) VALUES (?, ?, ?)");

$stmt->bind\_param("sss", $username, $email, $password\_1); // plain text

$stmt->execute();

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

$\_SESSION['success'] = "Registration successful!";

header('location: index.php');

exit();

}

}

}

// LOGIN USER

if (isset($\_POST['login\_user'])) {

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

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

if (!$username) $errors[] = "Username is required";

if (!$password) $errors[] = "Password is required";

if (empty($errors)) {

$stmt = $conn->prepare("SELECT \* FROM users WHERE username=? AND password=? LIMIT 1");

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

$stmt->execute();

$user = $stmt->get\_result()->fetch\_assoc();

if ($user) {

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

$\_SESSION['success'] = "Login successful!";

header('location: index.php');

exit();

} else {

$errors[] = "Invalid username or password";

}

}

}

?>

// sql

-- Create database and table for PHP login & register system

CREATE DATABASE IF NOT EXISTS registration;

USE registration;

CREATE TABLE IF NOT EXISTS users (

id INT(11) NOT NULL AUTO\_INCREMENT,

username VARCHAR(100) NOT NULL UNIQUE,

email VARCHAR(100) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

PRIMARY KEY (id)

);