* Register.php

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| <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>User Registration</title>  <style>  body {  font-family: Arial, sans-serif;  padding: 20px;  }  form {  max-width: 400px;  margin: 0 auto;  }  input[type="text"],  input[type="email"],  input[type="password"] {  width: 100%;  padding: 10px;  margin: 10px 0;  border: 1px solid #ccc;  }  input[type="submit"] {  background-color: #28a745;  color: white;  padding: 10px;  width: 100%;  border: none;  }  input[type="submit"]:hover {  background-color: #218838;  }  .error {  color: red;  }  </style>  </head>  <body>  <h2>User Registration</h2>  <form action="register.php" method="post">  <label for="username">Username:</label>  <input type="text" id="username" name="username" required>  <label for="email">Email:</label>  <input type="email" id="email" name="email" required>  <label for="password">Password:</label>  <input type="password" id="password" name="password" required>  <input type="submit" name="register" value="Register">  </form>  <?php  if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && isset($\_POST['register'])) {  $servername = "localhost";  $username = "root";  $password = "";  $dbname = "user\_system";  $conn = new mysqli($servername, $username, $password, $dbname);  if ($conn->connect\_error) {  die("Connection failed: " . $conn->connect\_error);  }  $username = $\_POST['username'];  $email = $\_POST['email'];  $password = password\_hash($\_POST['password'], PASSWORD\_DEFAULT);  $sql = "INSERT INTO users (username, email, password) VALUES (?, ?, ?)";  $stmt = $conn->prepare($sql);  $stmt->bind\_param("sss", $username, $email, $password);  if ($stmt->execute()) {  echo "Registration successful!";  } else {  echo "Error: " . $stmt->error;  }  $stmt->close();  $conn->close();  }  ?>  </body>  </html> |

* Login.php

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| <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>User Login</title>  <style>  body {  font-family: Arial, sans-serif;  padding: 20px;  }  form {  max-width: 400px;  margin: 0 auto;  }  input[type="text"],  input[type="password"] {  width: 100%;  padding: 10px;  margin: 10px 0;  border: 1px solid #ccc;  }  input[type="submit"] {  background-color: #28a745;  color: white;  padding: 10px;  width: 100%;  border: none;  }  input[type="submit"]:hover {  background-color: #218838;  }  .error {  color: red;  }  </style>  </head>  <body>  <h2>User Login</h2>  <form action="login.php" method="post">  <label for="username">Username:</label>  <input type="text" id="username" name="username" required>  <label for="password">Password:</label>  <input type="password" id="password" name="password" required>  <input type="submit" name="login" value="Login">  </form>  <?php  session\_start();  if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && isset($\_POST['login'])) {  $servername = "localhost";  $username = "root";  $password = "";  $dbname = "user\_system";  $conn = new mysqli($servername, $username, $password, $dbname);  if ($conn->connect\_error) {  die("Connection failed: " . $conn->connect\_error);  }  $username = $\_POST['username'];  $password = $\_POST['password'];  $sql = "SELECT \* FROM users WHERE username = ?";  $stmt = $conn->prepare($sql);  $stmt->bind\_param("s", $username);  $stmt->execute();  $result = $stmt->get\_result();  if ($result->num\_rows == 1) {  $user = $result->fetch\_assoc();  if (password\_verify($password, $user['password'])) {  $\_SESSION['username'] = $user['username'];  header("Location: welcome.php");  } else {  echo "<div class='error'>Incorrect password.</div>";  }  } else {  echo "<div class='error'>Username not found.</div>";  }  $stmt->close();  $conn->close();  }  ?>  </body>  </html> |

* Welcome.php

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| <?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>  <p>You are logged in.</p>  <a href="logout.php">Logout</a>  </body>  </html> |

* Logout.php

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| <?php  session\_start();  session\_destroy();  header("Location: login.php");  exit();  ?> |

* Output:





