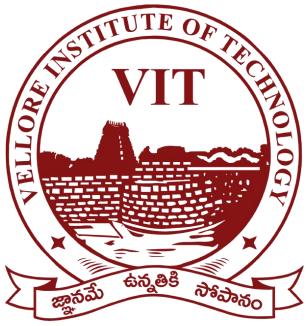

VIT-AP UNIVERSITY

WEB TECHNOLOGIES LAB-5

NAME:
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REDG NUMBER:
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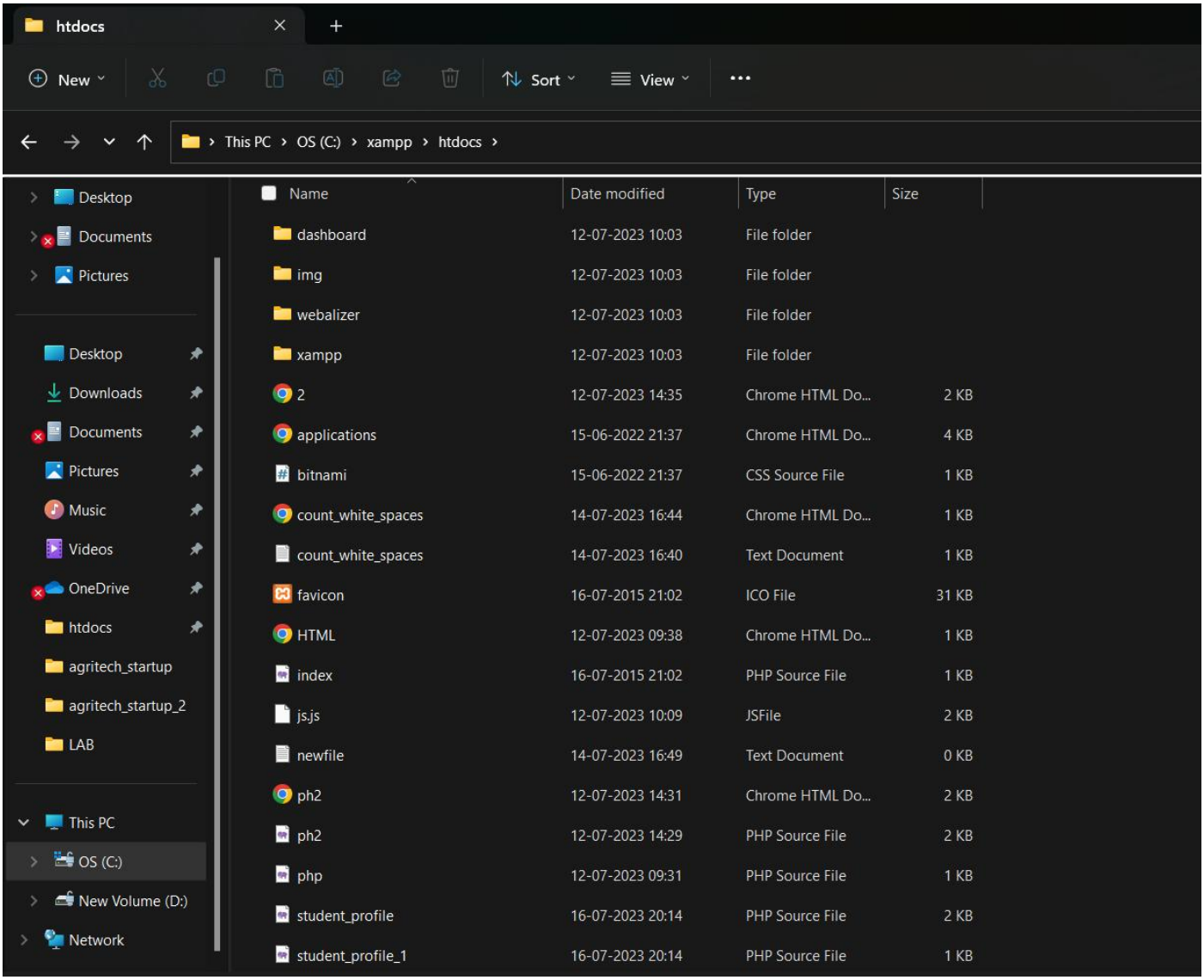
PROFFESOR:
DR. SHAIK KAREEMULLA

Create a dynamic web page named student_profile add it into the website. It should ask the registration number and upon giving the registration number it should display the student details. (use AJAX and JSON).

SCREENSHOT OF FILES :



student_profile.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Profile</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h1>Student Profile</h1>
    <label for="regNumber">Enter Registration Number:</label>
    <input type="text" id="regNumber" placeholder="Registration Number">
    <button onclick="getStudentDetails()">Get Student Details</button>
    <div id="studentDetails"></div>
  </div>
  <script src="student_profile.js"></script>
</body>
</html>
```

get_student_details.php:

```
<?php
// Simulated student data (replace this with your database access or data retrieval logic)
$students = [
   '12345' => [
      'name' => 'John Doe',
      'age' => 20,
      'department' => 'Computer Science',
   ],
   '67890' => [
      'name' => 'Jane Smith',
      'age' => 21,
      'department' => 'Electrical Engineering',
   ],
   // Add more student data as needed
];

if (isset($_GET['registration_number'])) {
   $regNumber = $_GET['registration_number'];
   if (array_key_exists($regNumber, $students)) {
      echo json_encode($students[$regNumber]);
   } else {
      echo json_encode(['error' => 'Student not found']);
   }
}
?>
```

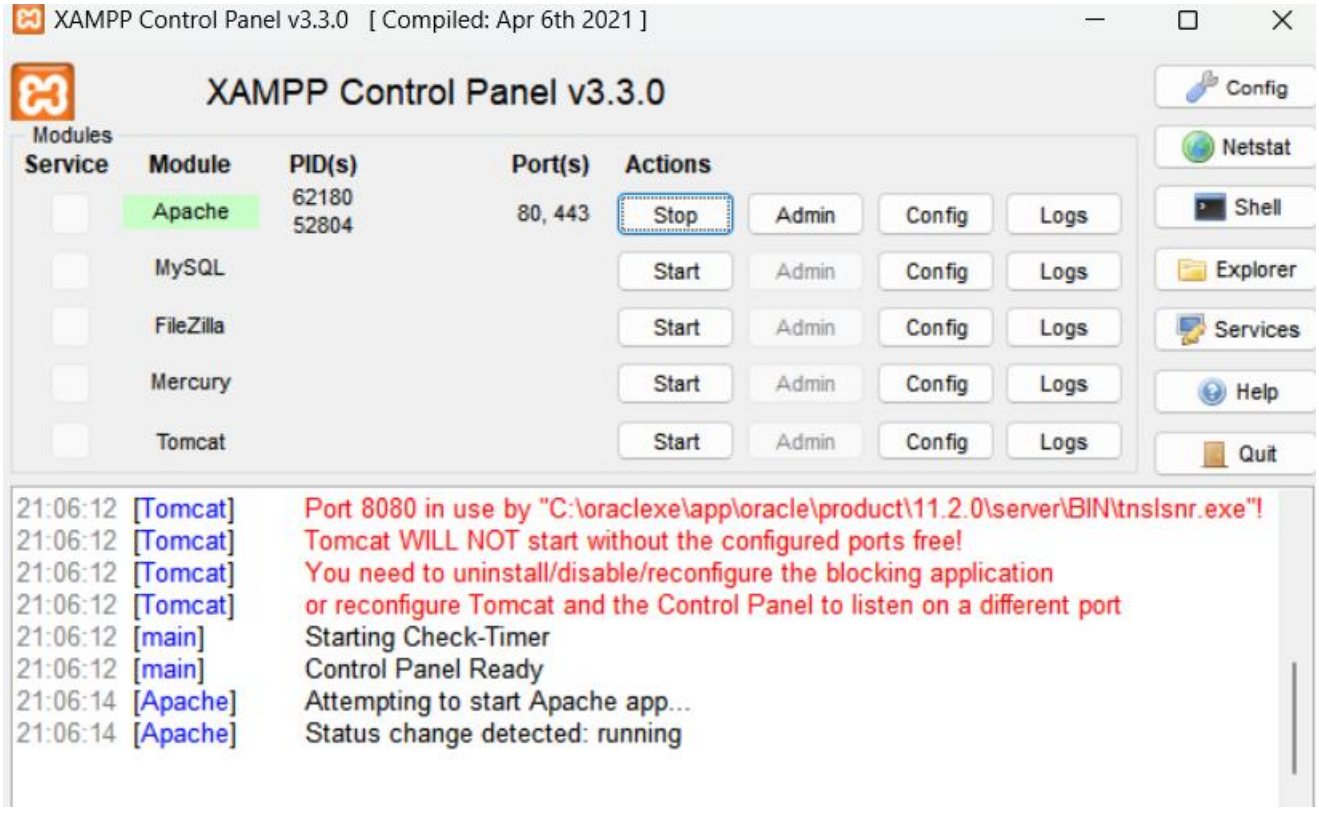
student_profile.js:

```
function getStudentDetails() {
   const regNumber = document.getElementById('regNumber').value;
   const studentDetailsDiv = document.getElementById('studentDetails');

   // Clear previous details
   studentDetailsDiv.innerHTML = '';

   // AJAX request to fetch student details
   const xhr = new XMLHttpRequest();
   xhr.onreadystatechange = function() {
      if (xhr.readyState === 4) {
         if (xhr.status === 200) {
            const response = JSON.parse(xhr.responseText);
            if (response.error) {
               studentDetailsDiv.innerText = response.error;
            } else {
               studentDetailsDiv.innerHTML = `
                  <h2>Name: ${response.name}</h2>
                  <p>Age: ${response.age}</p>
                  <p>Department: ${response.department}</p>
               `;
            }
         } else {
            studentDetailsDiv.innerText = 'Error retrieving student details';
         }
      }
   };

   xhr.open('GET', `get_student_details.php?registration_number=${regNumber}`, true);
   xhr.send();
}
```

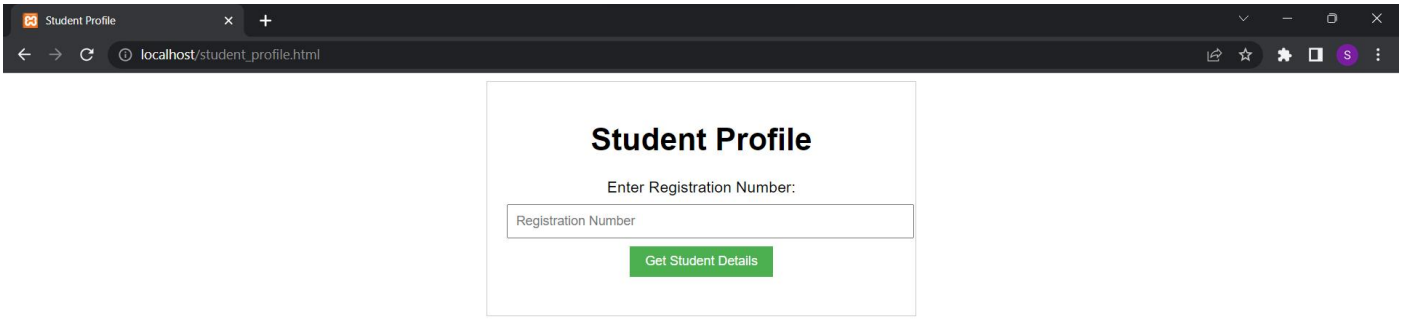
styles.css:

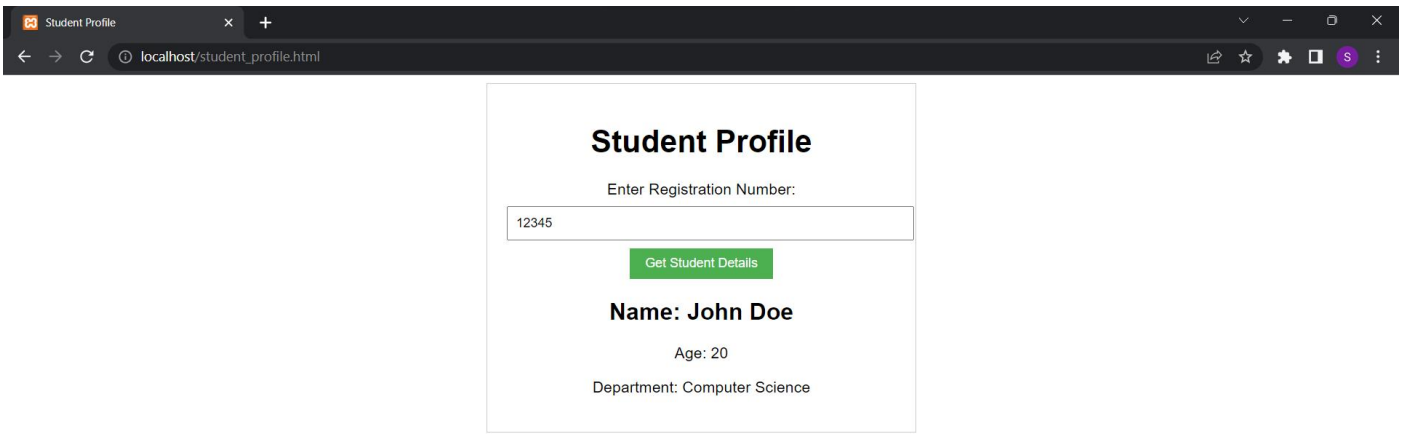
```
body {
   font-family: Arial, sans-serif;
   text-align: center;
}

.container {
   max-width: 400px;
   margin: 0 auto;
   padding: 20px;
   border: 1px solid #ccc;
}

input[type="text"] {
   width: 100%;
   padding: 8px;
   margin: 8px 0;
}

button {
   padding: 8px 16px;
   background-color: #4CAF50;
   color: white;
   border: none;
   cursor: pointer;
}

button:hover {
   background-color: #45a049;
}

#studentDetails {
   margin-top: 20px;
}
```

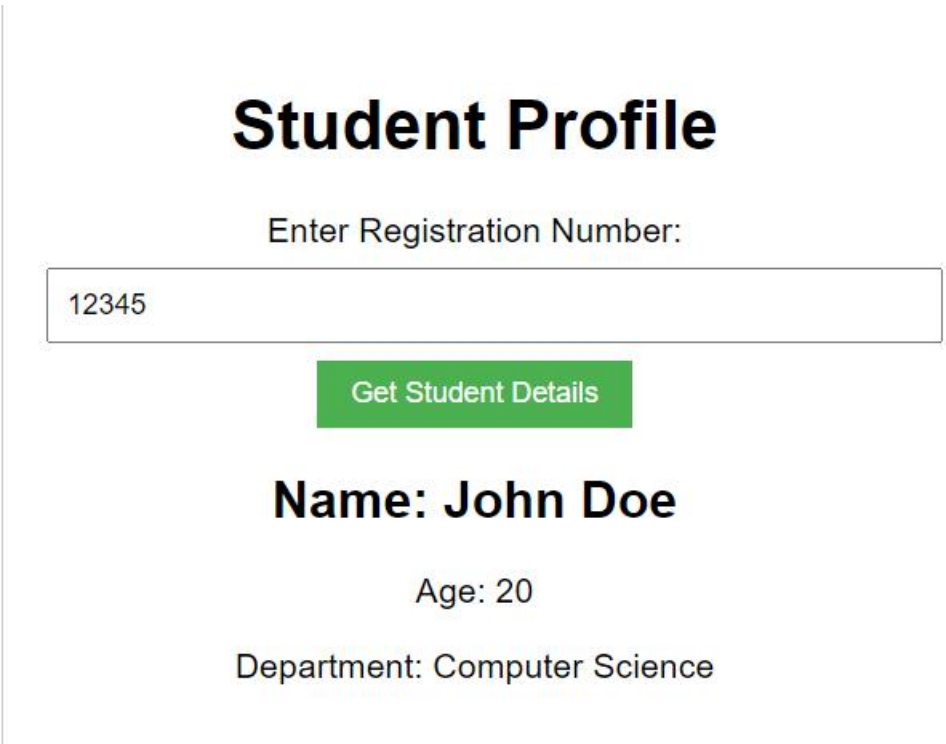
XAMPP:



OUTPUT:

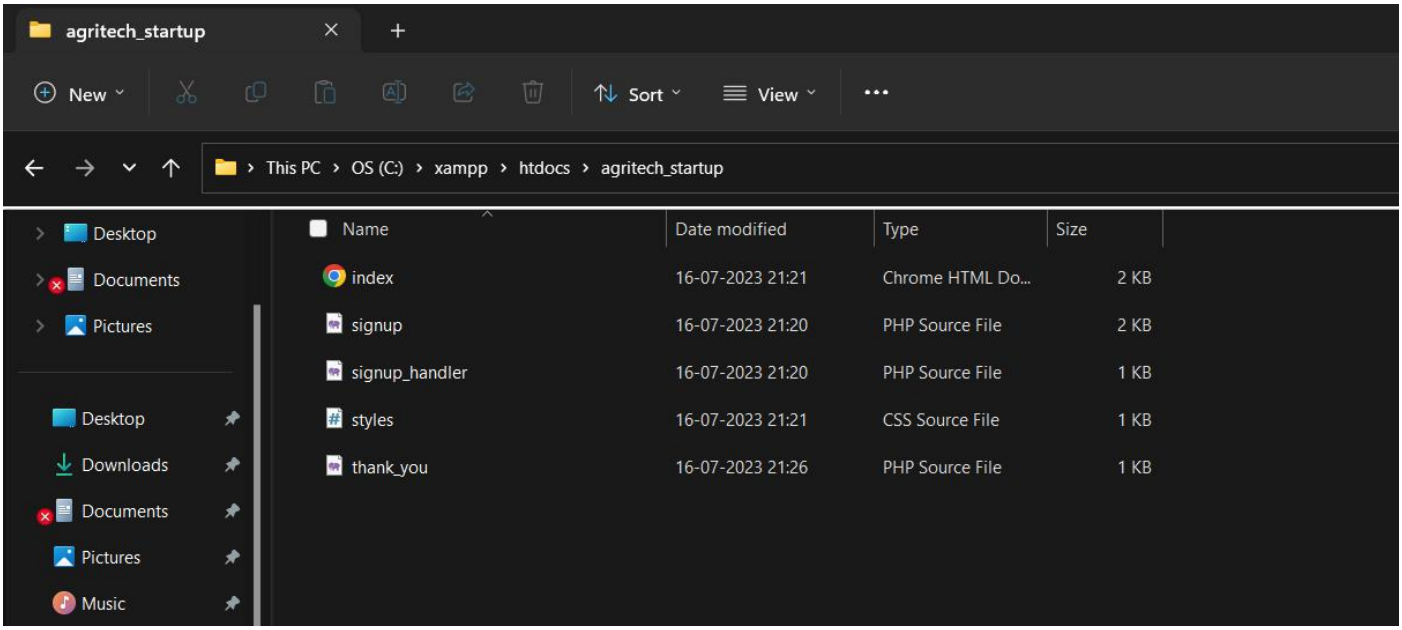

Student Profile
localhost/student_profile.html
Student Profile
Enter Registration Number:
Registration Number
Get Student Details


Student Profile
localhost/student_profile.html
Student Profile
Enter Registration Number:
12345
Get Student Details
Name: John Doe
Age: 20
Department: Computer Science


Student Profile
Enter Registration Number:
12345
Get Student Details
Name: John Doe
Age: 20
Department: Computer Science

5.

(i) Design a website for agri-tech startup, where different stakeholders can signup (firstname,lastname,password,repeat password,dateofbirth,state and country. provide a check box to accept terms and conditons of your site.) use HTML,CSS, javascript and PHP.



Index.html:

```
<!DOCTYPE html>
<html>
<head>
 <title>Agritech Startup</title>
 <link rel="stylesheet" href="styles.css">
</head>
<body>
 <header>
  <h1>Agritech Startup</h1>
 </header>
 <nav>
  <!-- Include navigation links here if needed -->
 </nav>
 <main>
  <h2>Welcome to Agritech Startup!</h2>
  <p>Sign up to get started.</p>
  <a href="signup.php" class="signup-link">Sign Up</a>
 </main>

 <footer>
  <p>&copy; 2023 Agritech Startup. All rights reserved.</p>
 </footer>
</body>

</html>
```

```
body {
 font-family: Arial, sans-serif;
 margin: 0;
 padding: 0;
}

header {
 background-color: #33cc99;
```

```
  padding: 10px;
  text-align: center;
}

nav {
  background-color: #f2f2f2;
  padding: 10px;
  text-align: center;
}

main {
  padding: 20px;
  text-align: center;
}

footer {
  background-color: #333;
  color: #fff;
  padding: 10px;
  text-align: center;
}

.signup-link {
  display: inline-block;
  padding: 10px 20px;
  background-color: #33cc99;
  color: #fff;
  text-decoration: none;
  border-radius: 4px;
}
```

signup.php:

```
<!DOCTYPE html>
<html>

<head>
  <title>Signup - Agritech Startup</title>
  <link rel="stylesheet" href="styles.css">
</head>

<body>
  <header>
    <h1>Agritech Startup</h1>
  </header>

  <nav>
    <!-- Include navigation links here if needed -->
  </nav>

  <main>
    <h2>Sign Up</h2>
    <form action="signup_handler.php" method="post" onsubmit="return validateForm()">
      <label for="firstname">First Name:</label>
      <input type="text" id="firstname" name="firstname" required><br>

      <label for="lastname">Last Name:</label>
      <input type="text" id="lastname" name="lastname" required><br>

      <label for="password">Password:</label>
      <input type="password" id="password" name="password" required><br>

      <label for="repeat_password">Repeat Password:</label>
      <input type="password" id="repeat_password" name="repeat_password" required><br>

      <label for="dob">Date of Birth:</label>
      <input type="date" id="dob" name="dob" required><br>
```

```
    <label for="state">State:</label>
    <input type="text" id="state" name="state" required><br>

    <label for="country">Country:</label>
    <input type="text" id="country" name="country" required><br>

    <label>
      <input type="checkbox" name="terms" required>
      I accept the terms and conditions of this site.
    </label><br>

    <input type="submit" value="Sign Up">
  </form>
 </main>

 <footer>
  <p>&copy; 2023 Agritech Startup. All rights reserved.</p>
 </footer>

 <script>
  function validateForm() {
    // Add additional validation if needed
    const password = document.getElementById("password").value;
    const repeatPassword = document.getElementById("repeat_password").value;

    if (password !== repeatPassword) {
      alert("Passwords do not match!");
      return false;
    }

    return true;
  }
 </script>
</body>

</html>
```

Signup_handler.php:

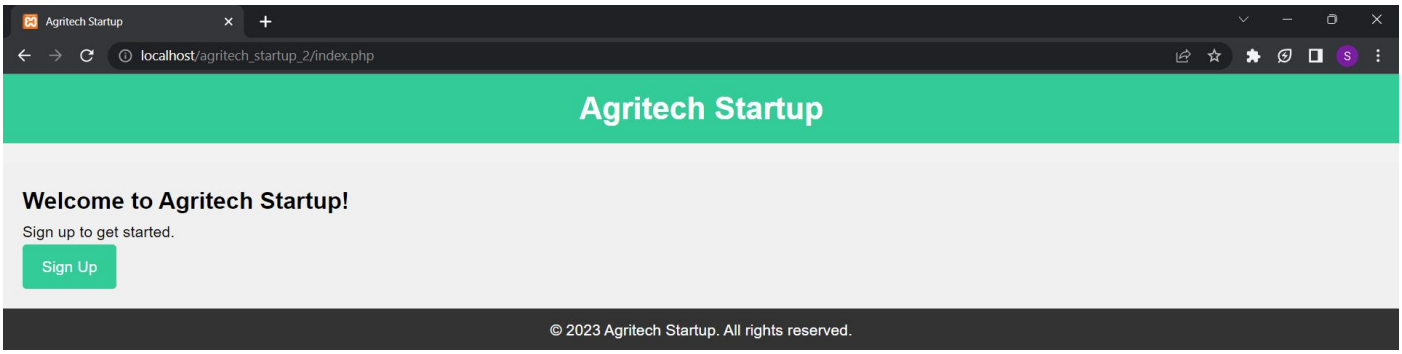
```
<?php
if ($_SERVER["REQUEST_METHOD"] === "POST") {
    // Retrieve form data
    $firstname = $_POST["firstname"];
    $lastname = $_POST["lastname"];
    $password = $_POST["password"];
    $dob = $_POST["dob"];
    $state = $_POST["state"];
    $country = $_POST["country"];

    // Save the data to your database or perform any other desired actions
    // (Note: This example does not include database interactions.)

    // You can redirect the user to a "Thank You" page after successful signup
    header("Location: thank_you.php");
    exit();
}
?>
```

Thank_you.php:

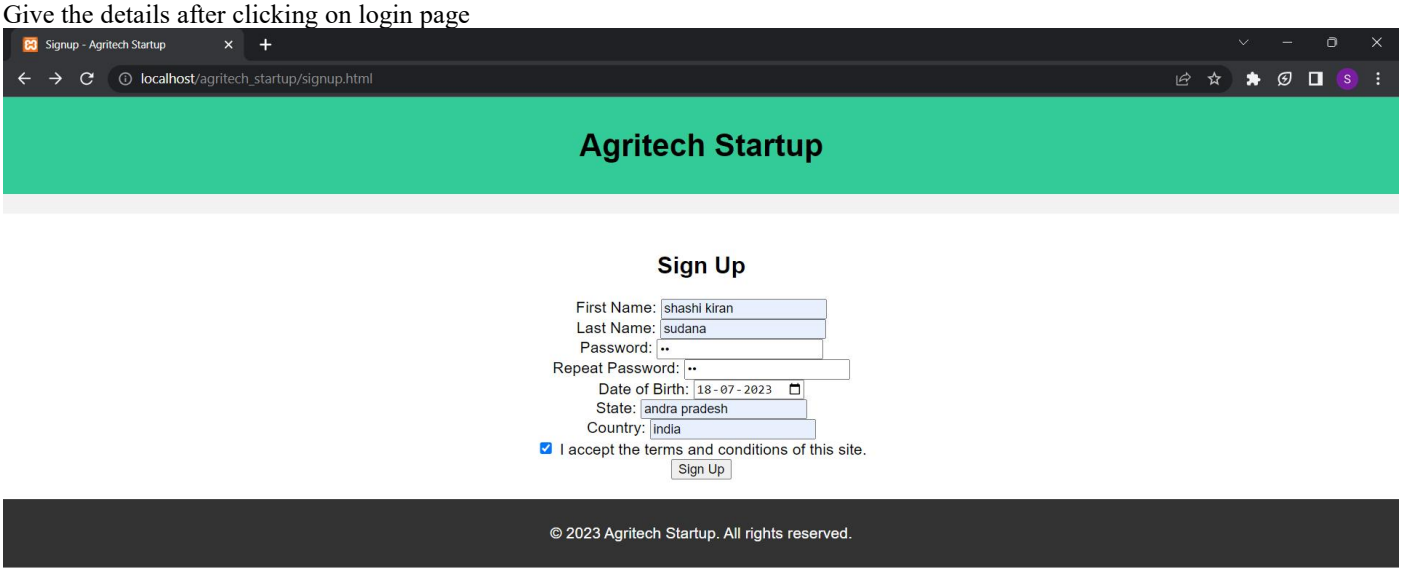
```
<!DOCTYPE html>
<html>
```

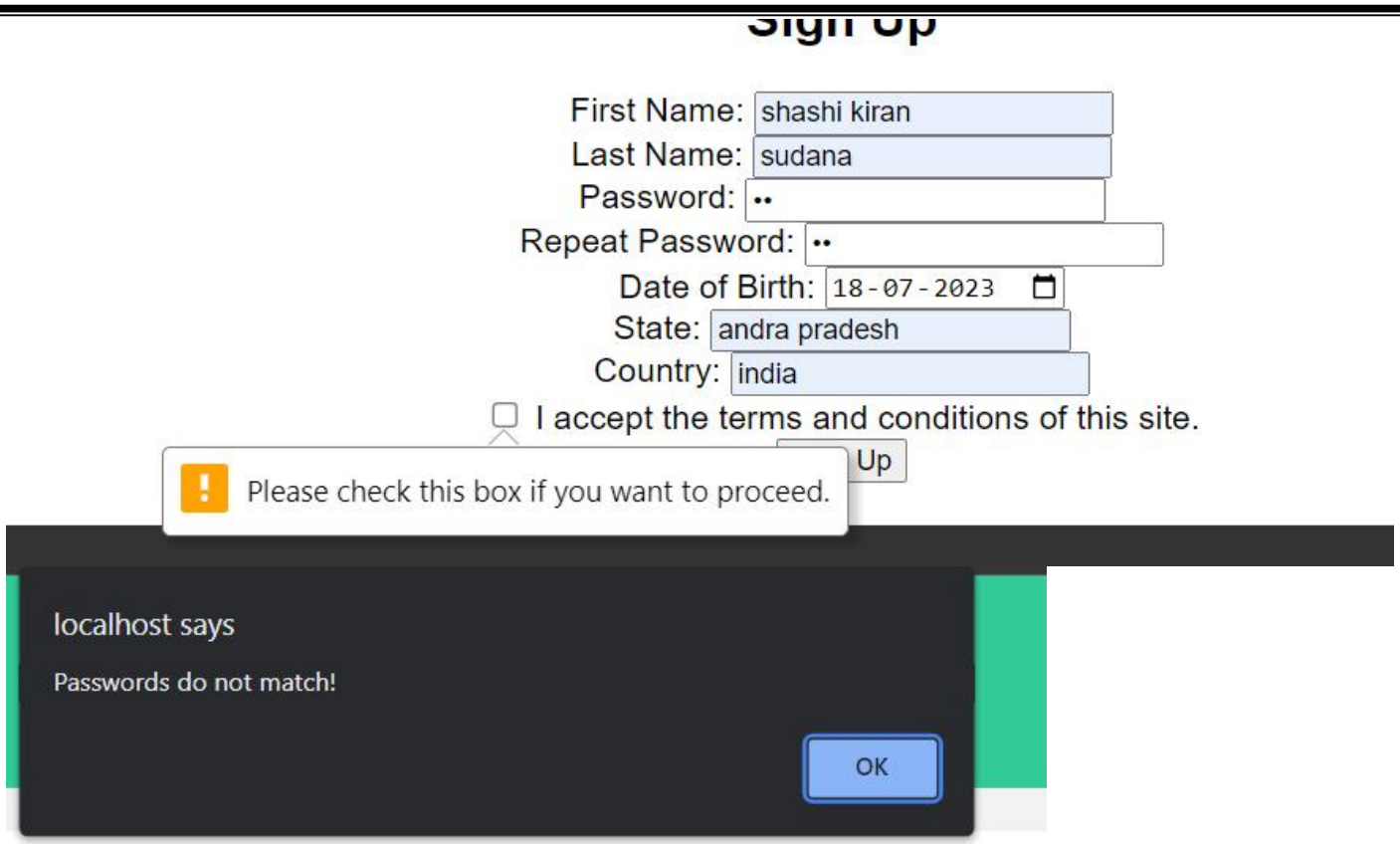
```
<head>
  <title>Thank You - Agritech Startup</title>
  <link rel="stylesheet" href="styles.css">
</head>

<body>
  <header>
    <h1>Agritech Startup</h1>
  </header>

  <nav>
    <!-- Include navigation links here if needed -->
  </nav>

  <main>
    <h2>Thank You!</h2>
    <p>Thank you for signing up with Agritech Startup. Your registration is successful.</p>
  </main>

  <footer>
    <p>&copy; 2023 Agritech Startup. All rights reserved.</p>
  </footer>
</body>
</html>
```

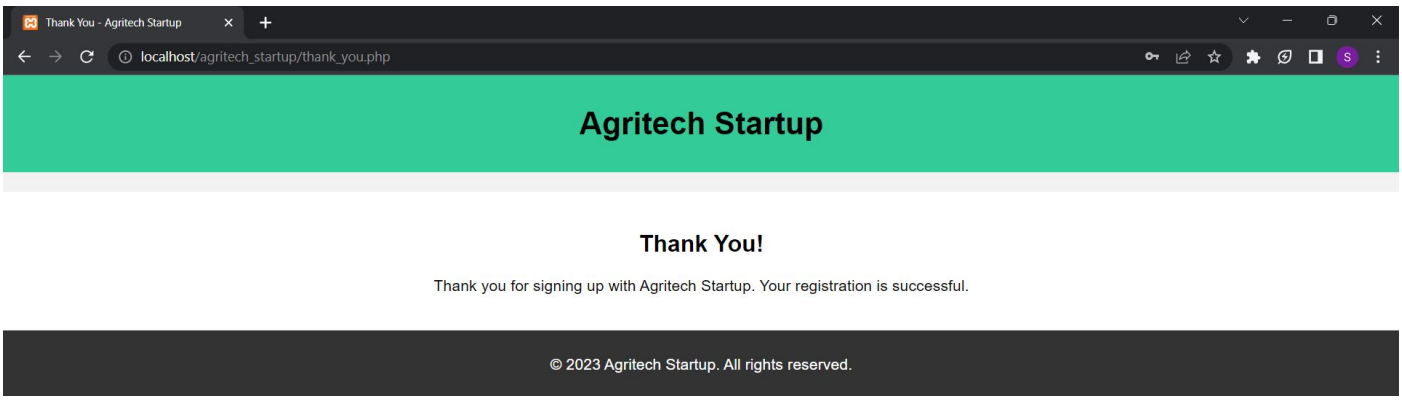
OUTPUT:



Give the details after clicking on login page







(ii) Design a login and logout page and product page. Product page should be displayed only if login is succesful. Upon logout user should redirect to home page. (Use PHP SESSION golbal variable)

Login.php:

```
<!DOCTYPE html>
<html>

<head>
 <title>Login - Agritech Startup</title>
 <link rel="stylesheet" href="styles.css">
</head>

<body>
 <header>
  <h1>Agritech Startup</h1>
 </header>

 <nav>
  <!-- Include navigation links here if needed -->
 </nav>

 <main>
  <h2>Login</h2>
  <?php
  session_start();

  // Check if the user is already logged in
  if (isset($_SESSION["user"])) {
   header("Location: product.php");
   exit();
  }

  // Process login form
  if ($_SERVER["REQUEST_METHOD"] === "POST") {
   // Simulated user data (Replace this with actual user authentication)
   $validUsername = "user";
   $validPassword = "password";

   $username = $_POST["username"];
   $password = $_POST["password"];

   if ($username === $validUsername && $password === $validPassword) {
    $_SESSION["user"] = $username;
    header("Location: product.php");
    exit();
   } else {
    echo '<p class="error-message">Invalid credentials. Please try again.</p>';
   }
  }
  ?>
  <form action="login.php" method="post">
   <label for="username">Username:</label>
   <input type="text" id="username" name="username" required><br>

   <label for="password">Password:</label>
   <input type="password" id="password" name="password" required><br>

   <input type="submit" value="Login">
  </form>
 </main>

 <footer>
  <p>&copy; 2023 Agritech Startup. All rights reserved.</p>
 </footer>
</body>
```

```
</html>
```

Logout.php:

```
<?php
// Start the session
session_start();

// Destroy the session and redirect to the homepage
session_destroy();
header("Location: index.php");
exit();
?>
```

product.php:

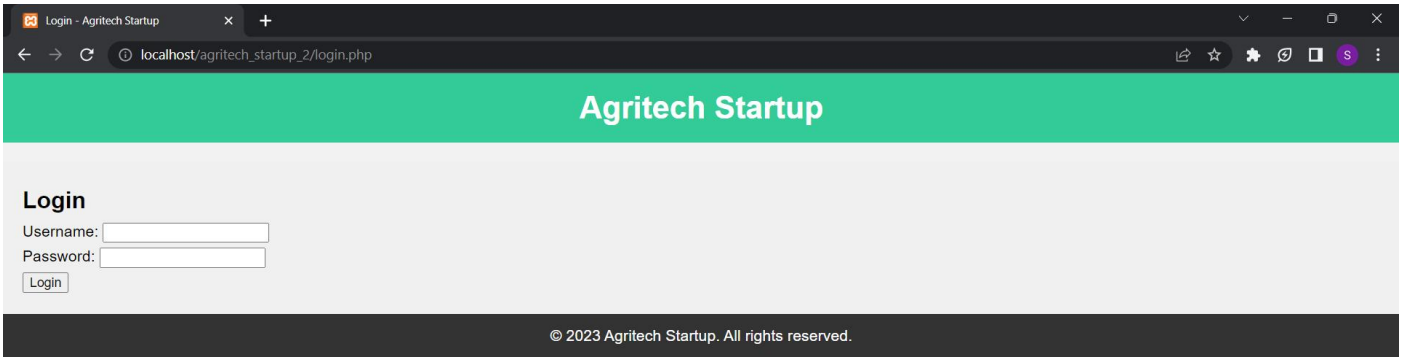
```
<!DOCTYPE html>
<html>

<head>
  <title>Product Page - Agritech Startup</title>
  <link rel="stylesheet" href="styles.css">
</head>

<body>
  <header>
    <h1>Agritech Startup</h1>
  </header>

  <nav>
    <a href="logout.php">Logout</a>
    <!-- Include other navigation links here if needed -->
  </nav>

  <main>
    <h2>Welcome to the Product Page</h2>
    <p>This page is accessible only if you are logged in.</p>
    <!-- Add product details and other content here -->
  </main>

  <footer>
    <p>&copy; 2023 Agritech Startup. All rights reserved.</p>
  </footer>
</body>

</html>
```

styles.css:

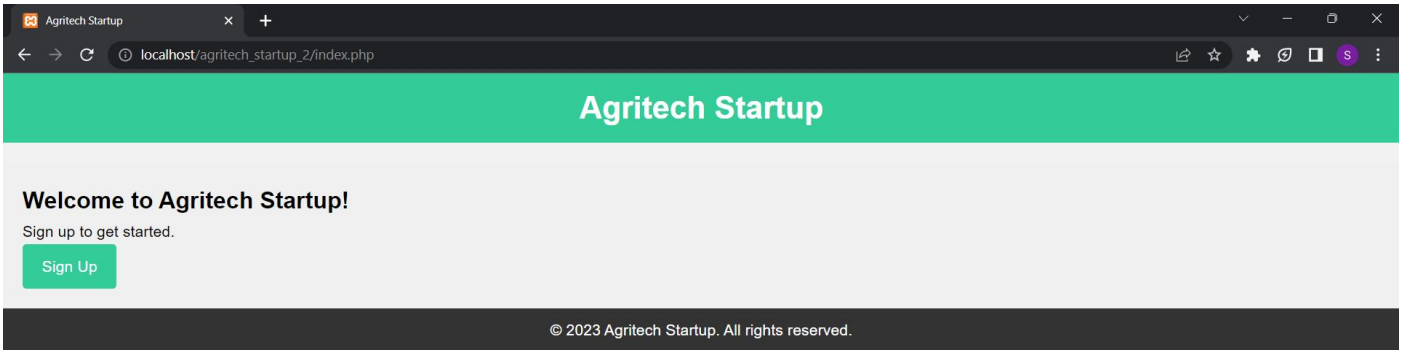
```
/* Reset some default styles */
body, h1, h2, h3, h4, h5, h6, p, ul, li {
  margin: 0;
  padding: 0;
}

body {
  font-family: Arial, sans-serif;
  line-height: 1.6;
  background-color: #f0f0f0;
}
```

```
header {
  background-color: #33cc99;
  padding: 10px;
  text-align: center;
}

header h1 {
  color: #fff;
}

nav {
  background-color: #f2f2f2;
  padding: 10px;
  text-align: center;
}

nav a {
  color: #333;
  text-decoration: none;
  padding: 10px 20px;
}

nav a:hover {
  background-color: #33cc99;
  color: #fff;
}

main {
  padding: 20px;
}

.signup-link {
  display: inline-block;
  padding: 10px 20px;
  background-color: #33cc99;
  color: #fff;
  text-decoration: none;
  border-radius: 4px;
}

.error-message {
  color: red;
  font-weight: bold;
  margin-bottom: 10px;
}

.product-details {
  background-color: #fff;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
}

footer {
  background-color: #333;
  color: #fff;
  padding: 10px;
  text-align: center;
}
```

SCREENSHOTS:



Give the user name and password to login

We can also do logout after logging in to it

After logout we can see again the sign up page comes here