Lab Assignment 2

File Structure :

assignment2/

│── index.html (Registration Form with UI)

│── data.html (Display Registered Users)

│── script.js (Handles form, storage, AJAX)

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>User Registration</title>
  <!-- Bootstrap 5 -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body class="bg-light">
  <div class="container mt-5">
    <div class="row justify-content-center">
      <div class="col-md-6">
        <div class="card shadow-lg rounded-3">
          <div class="card-body p-4">
            <h3 class="card-title text-center mb-4">User Registration</h3>
            <form id="registerForm">
              <div class="mb-3">
                <label class="form-label">Name</label>
                <input type="text" id="name" class="form-control" placeholder="Enter your name"
required>
              </div>
              <div class="mb-3">
                <label class="form-label">Email</label>
```

```
            <input type="email" id="email" class="form-control" placeholder="Enter your email" required>
          </div>
          <div class="mb-3">
            <label class="form-label">Password</label>
            <input type="password" id="password" class="form-control" placeholder="Enter your password" required>
          </div>
          <button type="submit" class="btn btn-primary w-100">Register</button>
        </form>
        <div class="text-center mt-3">
          <a href="data.html" class="btn btn-outline-secondary">View Registered Users</a>
        </div>
      </div>
    </div>
  </div>
 </div>
 <script src="script.js"></script>
</body>
</html>
```

Data.html

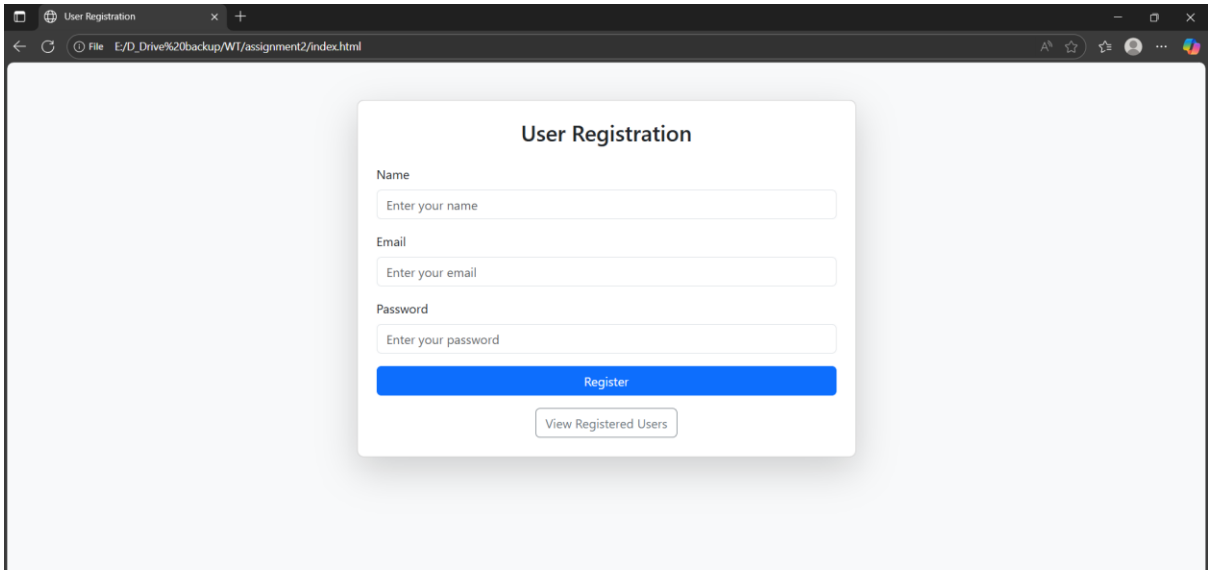
```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <title>Registered Users</title>
 <!-- Bootstrap 5 -->
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
```

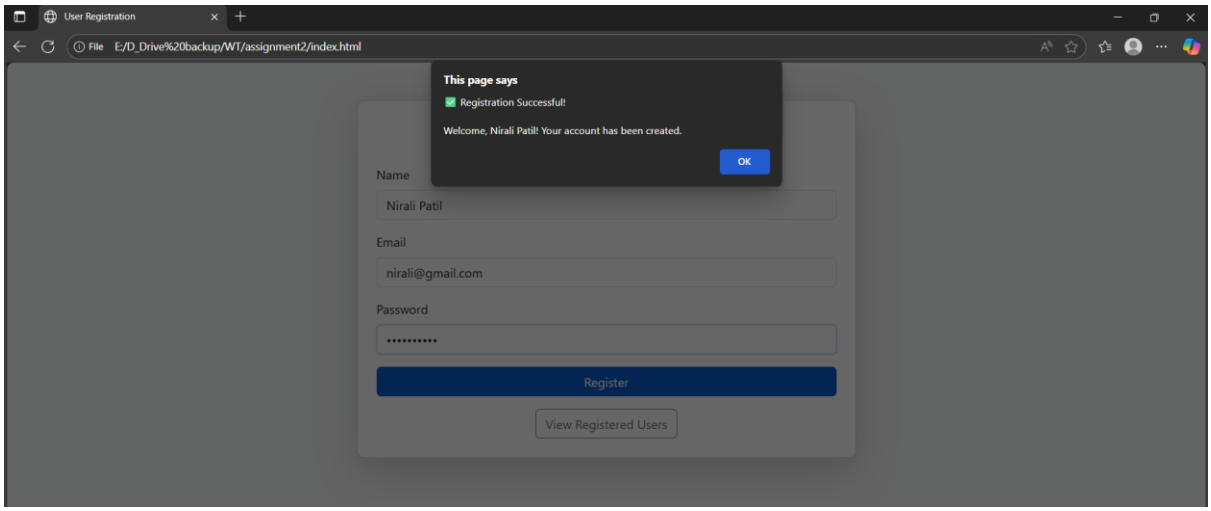
```
<body class="bg-light">
  <div class="container mt-5">
    <h2 class="text-center mb-4">Registered Users</h2>
    <div id="userList" class="row g-3"></div>
    <div class="text-center mt-4">
      <a href="index.html" class="btn btn-outline-primary">Back to Registration</a>
    </div>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

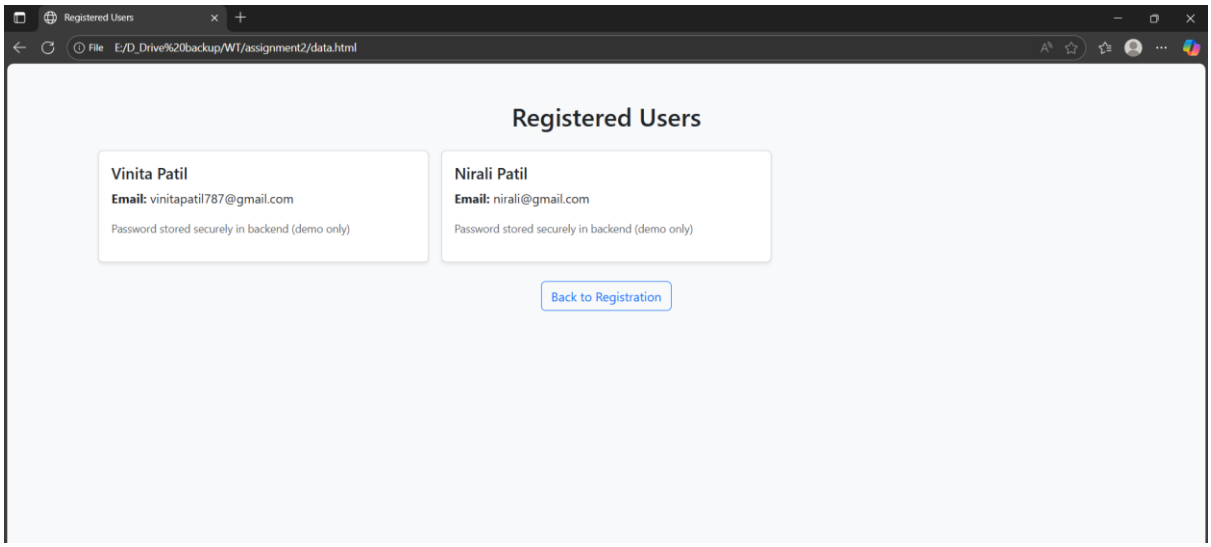
script.js

```
document.addEventListener("DOMContentLoaded", function () {
  const form = document.getElementById("registerForm");
  if (form) {
    form.addEventListener("submit", function (e) {
      e.preventDefault();
      // Get user input
      const name = document.getElementById("name").value;
      const email = document.getElementById("email").value;
      const password = document.getElementById("password").value;
      const user = { name, email, password };
      // Store in LocalStorage
      let users = JSON.parse(localStorage.getItem("users")) || [];
      users.push(user);
      localStorage.setItem("users", JSON.stringify(users));
      // Show success alert immediately
      alert(`✅ Registration Successful!\n\nWelcome, ${name}! Your account has been created.`);
      // AJAX POST request (simulated)
      const xhr = new XMLHttpRequest();
      xhr.open("POST", "https://example.com/api/register", true);
```

```
    xhr.setRequestHeader("Content-Type", "application/json");
    xhr.onload = function () {
      if (xhr.status === 200) {
        console.log("Data sent to server successfully.");}
    };
    xhr.send(JSON.stringify(user));
    // Reset form
    form.reset();
  });
}
// For data.html: Display users as cards
const userList = document.getElementById("userList");
if (userList) {
  let users = JSON.parse(localStorage.getItem("users")) || [];
  if (users.length === 0) {
    userList.innerHTML = "<p class='text-center text-muted'>No users registered yet.</p>";
  } else {
    users.forEach((u) => {
      let card = document.createElement("div");
      card.className = "col-md-4";
      card.innerHTML = `
        <div class="card shadow-sm h-100">
          <div class="card-body">
            <h5 class="card-title">${u.name}</h5>
            <p class="card-text"><strong>Email:</strong> ${u.email}</p>
            <p class="text-muted small">Password stored securely in backend (demo only)</p>
          </div>
        </div>
      `;
      userList.appendChild(card);
    }); }
}});
```


User Registration
File E:/D_Drive%20backup/WT/assignment2/index.html
User Registration
Name
Enter your name
Email
Enter your email
Password
Enter your password
Register
View Registered Users


User Registration
File E:/D_Drive%20backup/WT/assignment2/index.html
This page says
Registration Successful!
Welcome, Nirali Patil! Your account has been created.
OK
Name
Nirali Patil
Email
nirali@gmail.com
Password
Register
View Registered Users


Registered Users
File E:/D_Drive%20backup/WT/assignment2/data.html
Registered Users
Vinita Patil
Email: vinitapatil787@gmail.com
Password stored securely in backend (demo only)
Nirali Patil
Email: nirali@gmail.com
Password stored securely in backend (demo only)
Back to Registration