```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>To-Do App</title>
    <style>
      /* CSS Styling */
      body {
          font-family: Arial, sans-serif;
          display: flex;
          justify-content: center;
          align-items: center;
          height: 100vh;
          margin: 0;
          background-color: #f0f0f0;
      }

      h2 {
          color: #333;
      }

      .login-page, .signup-page, .todo-page {
          display: none;
          text-align: center;
          background-color: white;
          padding: 20px;
          border-radius: 8px;
          box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
          width: 300px;
      }
```

```css
        input, button {
            width: 100%;
            padding: 10px;
            margin: 10px 0;
            border: 1px solid #ddd;
            border-radius: 5px;
        }

        button {
            background-color: #5cb85c;
            color: white;
            cursor: pointer;
        }

        button:hover {
            background-color: #4cae4c;
        }

        #taskList {
            list-style-type: none;
            padding: 0;
        }

        #taskList li {
            padding: 10px;
            border-bottom: 1px solid #ddd;
        }
    </style>
</head>
<body>
```

```html
<!-- Login Page -->
<div class="login-page" id="loginPage">

    <h2>Login</h2>

    <form id="log  in">

        <label for="username">Username:</label>

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

        <label for="password">Password:</label>

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

        <button type="submit">Login</button>

        <p>Don't have an account? <a href="#signup" id="showSignup">Sign Up</a></p>

    </form>

</div>


<!-- Sign-Up Page -->
<div class="signup-page" id="signupPage">

    <h2>Sign Up</h2>

    <form id="signupForm">

        <label for="newUsername">Username:</label>

        <input type="text" id="newUsername" required>

        <label for="newPassword">Password:</label>

        <input type="password" id="newPassword" required>

        <button type="submit">Sign Up</button>

    </form>

</div>


<!-- To-Do List Page -->
<div class="todo-page" id="todoPage">

    <h2>To-Do List</h2>

    <form id="taskForm">

        <input type="text" id="taskInput" placeholder="Add a new task" required>

        <button type="submit">Add Task</button>
```

```html
      </form>

    <ul id="taskList"></ul>

    <button id="logoutButton">Logout</button>

  </div>


  <script>

    // JavaScript to handle page transitions and task management


    document.addEventListener("DOMContentLoaded", () => {

      const loginPage = document.getElementById("loginPage");

      const signupPage = document.getElementById("signupPage");

      const todoPage = document.getElementById("todoPage");

      const loginForm = document.getElementById("loginForm");

      const signupForm = document.getElementById("signupForm");

      const taskForm = document.getElementById("taskForm");

      const taskList = document.getElementById("taskList");

      const logoutButton = document.getElementById("logoutButton");


      // Display login page initially

      loginPage.style.display = "block";


      // Switch to Sign-Up Page

      document.getElementById("showSignup").addEventListener("click", (e) => {

        e.preventDefault();

        loginPage.style.display = "none";

        signupPage.style.display = "block";

      });


      // Login Form Submission

      loginForm.addEventListener("submit", (e) => {

        e.preventDefault();
```

```
      loginPage.style.display = "none";

      todoPage.style.display = "block";

    });


    // Sign-Up Form Submission

    signupForm.addEventListener("submit", (e) => {

      e.preventDefault();

      signupPage.style.display = "none";

      loginPage.style.display = "block";

    });


    // Task Form Submission

    taskForm.addEventListener("submit", (e) => {

      e.preventDefault();

      const taskText = document.getElementById("taskInput").value;

      const li = document.createElement("li");

      li.textContent = taskText;

      taskList.appendChild(li);

      taskForm.reset();

    });


    // Logout Button

    logoutButton.addEventListener("click", () => {

      todoPage.style.display = "none";

      loginPage.style.display = "block";

    });

  });

</script>


</body>

</html>
```