**Assignment 1b**

**Index.html**

<!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>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.1.3/dist/css/bootstrap.min.css" integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO" crossorigin="anonymous">

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">

<style>

/\* Center the form on the page \*/

body {

background-color: #ecf0f3;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

margin: 0;

}

.container {

background-color: rgb(206, 176, 218);

border-radius: 10px;

padding: 30px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

width: 400px;

}

h2 {

text-align: center;

margin-bottom: 20px;

}

button {

width: 100%;

}

</style>

</head>

<body>

<div class="container shadow-lg p-3 mb-5 rounded">

<h2> <i class="bi bi-person"></i> User Registration</h2>

<hr>

<form id="registrationForm">

<div class="form-group">

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

<input type="text" id="username" name="username" class="form-control" required>

</div>

<div class="form-group">

<label for="email">Email: </label>

<input type="email" id="email" name="email" class="form-control" required>

</div>

<div class="form-group">

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

<input type="password" id="password" name="password" class="form-control" required>

</div>

<div class="form-group">

<label for="confirmPassword">Confirm Password: </label>

<input type="password" id="confirmPassword" name="confirmPassword" class="form-control" required>

</div>

<button class="btn btn-success" type="submit">Register</button>

</form>

</div>

<script>

// Initialize users array from local storage if any

let users = JSON.parse(localStorage.getItem('users')) || [];

// Form submission handler

document.getElementById('registrationForm').addEventListener('submit', function(event) {

event.preventDefault(); // Prevent default form submission

// Get user input values

const username = document.getElementById('username').value;

const email = document.getElementById('email').value;

const password = document.getElementById('password').value;

const confirmPassword = document.getElementById('confirmPassword').value;

// Check if username or email already exists in localStorage

const existingUser = users.find(user => user.username === username || user.email === email);

if (existingUser) {

// If user already exists, show an error message

alert('This username or email is already registered. Please use a different one.');

return; // Prevent further processing

}

// Check if password and confirm password match

if (password !== confirmPassword) {

alert('Passwords do not match. Please try again.');

return;

}

// Create user object

const user = { username, email, password };

// Simulate AJAX POST request (using fetch)

fetch('https://jsonplaceholder.typicode.com/posts', {

method: 'POST',

headers: {

'Content-Type': 'application/json'

},

body: JSON.stringify(user) // Send user data as JSON

})

.then(response => response.json())

.then(data => {

console.log('Server Response:', data); // Simulate server response

// Save user to local storage (without storing the password in plain text ideally)

users.push(user);

localStorage.setItem('users', JSON.stringify(users));

// Show success message

alert('Registration Successful! Redirecting to user list.');

// Redirect to user list page after registration

window.location.href = 'users\_list.html'; // Redirect to users-list.html

})

.catch(error => {

console.error('Error:', error);

alert('Error registering user. Please try again.');

});

});

</script>

</body>

</html>

**User\_list.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Registered Users</title>

</head>

<body>

<h2>Registered Users</h2>

<ul id="userList"></ul>

<script>

// Get users from local storage

const users = JSON.parse(localStorage.getItem('users')) || [];

// Get the list element

const userList = document.getElementById('userList');

// Display each user

if (users.length === 0) {

userList.innerHTML = '<li>No users registered yet.</li>';

} else {

users.forEach(user => {

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

li.textContent = `Username: ${user.username}, Email: ${user.email}`;

userList.appendChild(li);

});

}

</script>

</body>

</html> -->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Registered Users</title>

</head>

<body>

<h2>Registered Users</h2>

<ul id="userList"></ul>

<script>

// Get users from local storage

const users = JSON.parse(localStorage.getItem('users')) || [];

// Get the list element

const userList = document.getElementById('userList');

// Display each user without password

if (users.length === 0) {

userList.innerHTML = '<li>No users registered yet.</li>';

} else {

users.forEach(user => {

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

li.textContent = `Username: ${user.username}, Email: ${user.email}`;

userList.appendChild(li);

});

}

</script>

</body>

</html>