**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

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

**<title>Login/Signup Page</title>**

**<style>**

**body {**

**font-family: sans-serif;**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**height: 100vh;**

**margin: 0;**

**background-color: #f4f4f4;**

**}**

**.container {**

**background-color: white;**

**padding: 2rem;**

**border-radius: 8px;**

**box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);**

**width: 350px;**

**text-align: center;**

**}**

**.form-group {**

**margin-bottom: 1rem;**

**text-align: left;**

**}**

**.form-group label {**

**display: block;**

**margin-bottom: 0.5rem;**

**}**

**.form-group input {**

**width: calc(100% - 16px);**

**padding: 0.7rem;**

**border: 1px solid #ddd;**

**border-radius: 4px;**

**box-sizing: border-box;**

**}**

**.form-group button {**

**background-color: #007bff;**

**color: white;**

**padding: 0.8rem 1rem;**

**border: none;**

**border-radius: 4px;**

**cursor: pointer;**

**width: 100%;**

**}**

**.form-group button:hover {**

**background-color: #0056b3;**

**}**

**.toggle-form {**

**margin-top: 1rem;**

**cursor: pointer;**

**color: #007bff;**

**text-decoration: underline;**

**}**

**.error-message {**

**color: red;**

**font-size: 0.8em;**

**margin-top: 5px;**

**display: none;**

**}**

**</style>**

**</head>**

**<body>**

**<div class="container" id="loginContainer">**

**<h2>Login</h2>**

**<form id="loginForm">**

**<div class="form-group">**

**<label for="loginUsername">Username</label>**

**<input type="text" id="loginUsername" name="loginUsername" required>**

**<div class="error-message" id="loginUsernameError">Username is required</div>**

**</div>**

**<div class="form-group">**

**<label for="loginPassword">Password</label>**

**<input type="password" id="loginPassword" name="loginPassword" required>**

**<div class="error-message" id="loginPasswordError">Password is required</div>**

**</div>**

**<div class="form-group">**

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

**</div>**

**</form>**

**<p class="toggle-form" onclick="toggleForm()">Create an account</p>**

**</div>**

**<div class="container" id="signupContainer" style="display: none;">**

**<h2>Create Account</h2>**

**<form id="signupForm">**

**<div class="form-group">**

**<label for="signupUsername">Username</label>**

**<input type="text" id="signupUsername" name="signupUsername" required>**

**<div class="error-message" id="signupUsernameError">Username is required</div>**

**</div>**

**<div class="form-group">**

**<label for="signupPassword">Password</label>**

**<input type="password" id="signupPassword" name="signupPassword" required>**

**<div class="error-message" id="signupPasswordError">Password is required</div>**

**</div>**

**<div class="form-group">**

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

**</div>**

**</form>**

**<p class="toggle-form" onclick="toggleForm()">Back to login</p>**

**</div>**

**<script>**

**function toggleForm() {**

**const loginContainer = document.getElementById('loginContainer');**

**const signupContainer = document.getElementById('signupContainer');**

**if (loginContainer.style.display === 'none') {**

**loginContainer.style.display = 'block';**

**signupContainer.style.display = 'none';**

**} else {**

**loginContainer.style.display = 'none';**

**signupContainer.style.display = 'block';**

**}**

**}**

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

**validateForm(event, 'loginUsername', 'loginPassword', 'loginUsernameError', 'loginPasswordError');**

**});**

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

**validateForm(event, 'signupUsername', 'signupPassword', 'signupUsernameError', 'signupPasswordError');**

**});**

**function validateForm(event, usernameId, passwordId, usernameErrorId, passwordErrorId) {**

**let username = document.getElementById(usernameId).value;**

**let password = document.getElementById(passwordId).value;**

**let usernameError = document.getElementById(usernameErrorId);**

**let passwordError = document.getElementById(passwordErrorId);**

**usernameError.style.display = 'none';**

**passwordError.style.display = 'none';**

**if (!username) {**

**usernameError.style.display = 'block';**

**event.preventDefault();**

**}**

**if (!password) {**

**passwordError.style.display = 'block';**

**event.preventDefault();**

**}**

**if (username && password) {**

**console.log('Username:', username);**

**console.log('Password:', password);**

**}**

**}**

**</script>**

**</body>**

**</html>**