<!DOCTYPE html>﻿<html lang="en">﻿<head>﻿    <meta charset="UTF-8">﻿    <meta name="viewport" content="width=device-width, initial-scale=1.0">﻿    <title>Product Buy and Sell</title>﻿    <style>﻿        body {﻿            font-family: Arial, sans-serif;﻿        }﻿        .container {﻿            margin: 20px;﻿        }﻿        .hidden {﻿            display: none;﻿        }﻿        .notification {﻿            background-color: #f4f4f4;﻿            padding: 10px;﻿            border: 1px solid #ccc;﻿            margin-top: 10px;﻿        }﻿    </style>﻿</head>﻿<body>﻿    <div class="container">﻿        <h1>Welcome to the Buy and Sell Platform</h1>﻿        <div id="main-page">﻿            <button onclick="showRegister()">Register</button>﻿            <button onclick="showLogin()">Login</button>﻿        </div>﻿        <div id="register-page" class="hidden">﻿            <h2>Register</h2>﻿            <label for="username">SIM Companies Username:</label>﻿            <input type="text" id="username" placeholder="Enter username">﻿            <br><br>﻿            <label for="password">Set Password:</label>﻿            <input type="password" id="password" placeholder="Set password">﻿            <br><br>﻿            <button onclick="register()">Register</button>﻿            <button onclick="goBack()">Go Back</button>﻿        </div>﻿        <div id="login-page" class="hidden">﻿            <h2>Login</h2>﻿            <label for="login-username">Username:</label>﻿            <input type="text" id="login-username" placeholder="Enter username">﻿            <br><br>﻿            <label for="login-password">Password:</label>﻿            <input type="password" id="login-password" placeholder="Enter password">﻿            <br><br>﻿            <button onclick="login()">Login</button>﻿            <button onclick="goBack()">Go Back</button>﻿        </div>﻿        <div id="user-page" class="hidden">﻿            <h2>Welcome User</h2>﻿            <button onclick="showSellPage()">Sell</button>﻿            <button onclick="showBuyPage()">Buy</button>﻿            <button onclick="logout()">Logout</button>﻿        </div>﻿        <div id="sell-page" class="hidden">﻿            <h2>Sell Product</h2>﻿            <label for="product-name">Product Name:</label>﻿            <input type="text" id="product-name" placeholder="Enter product name">﻿            <br><br>﻿            <label for="price">Price:</label>﻿            <input type="number" id="price" placeholder="Enter price">﻿            <br><br>﻿            <label for="quantity">Quantity:</label>﻿            <input type="number" id="quantity" placeholder="Enter quantity">﻿            <br><br>﻿            <label for="quality">Quality:</label>﻿            <input type="text" id="quality" placeholder="Enter quality">﻿            <br><br>﻿            <button onclick="sellProduct()">Sell</button>﻿            <button onclick="goBack()">Go Back</button>﻿        </div>﻿        <div id="buy-page" class="hidden">﻿            <h2>Buy Products</h2>﻿            <input type="text" id="search" placeholder="Search for products" onkeyup="searchProduct()">﻿            <br><br>﻿            <div id="product-list"></div>﻿            <button onclick="goBack()">Go Back</button>﻿        </div>﻿        <div id="seller-notification" class="hidden">﻿            <h3>Seller Notifications</h3>﻿            <div id="notifications"></div>﻿        </div>﻿    </div>﻿    <script>﻿        let userLoggedIn = false;﻿        let userDetails = {};﻿        let products = [];﻿        let sellerNotifications = {};﻿        function goBack() {﻿            document.getElementById('main-page').classList.remove('hidden');﻿            document.getElementById('register-page').classList.add('hidden');﻿            document.getElementById('login-page').classList.add('hidden');﻿            document.getElementById('user-page').classList.add('hidden');﻿            document.getElementById('sell-page').classList.add('hidden');﻿            document.getElementById('buy-page').classList.add('hidden');﻿            document.getElementById('seller-notification').classList.add('hidden');﻿        }﻿        function showRegister() {﻿            document.getElementById('main-page').classList.add('hidden');﻿            document.getElementById('register-page').classList.remove('hidden');﻿        }﻿        function showLogin() {﻿            document.getElementById('main-page').classList.add('hidden');﻿            document.getElementById('login-page').classList.remove('hidden');﻿        }﻿        function register() {﻿            const username = document.getElementById('username').value;﻿            const password = document.getElementById('password').value;﻿            userDetails = { username, password };﻿            alert('Registration successful!');﻿            goBack();﻿        }﻿        function login() {﻿            const loginUsername = document.getElementById('login-username').value;﻿            const loginPassword = document.getElementById('login-password').value;﻿﻿            if (loginUsername === userDetails.username && loginPassword === userDetails.password) {﻿                userLoggedIn = true;﻿                alert('Login successful!');﻿                showUserPage();﻿            } else {﻿                alert('Invalid username or password');﻿            }﻿        }﻿        function showUserPage() {﻿            document.getElementById('login-page').classList.add('hidden');﻿            document.getElementById('user-page').classList.remove('hidden');﻿        }﻿        function showSellPage() {﻿            document.getElementById('user-page').classList.add('hidden');﻿            document.getElementById('sell-page').classList.remove('hidden');﻿        }﻿        function showBuyPage() {﻿            document.getElementById('user-page').classList.add('hidden');﻿            document.getElementById('buy-page').classList.remove('hidden');﻿            displayProducts();﻿        }﻿        function sellProduct() {﻿            const productName = document.getElementById('product-name').value;﻿            const price = document.getElementById('price').value;﻿            const quantity = document.getElementById('quantity').value;﻿            const quality = document.getElementById('quality').value;﻿            const product = { productName, price, quantity, quality, seller: userDetails.username };﻿            products.push(product);﻿            alert('Product listed for sale!');﻿            goBack();﻿        }﻿        function displayProducts() {﻿            const productList = document.getElementById('product-list');﻿            productList.innerHTML = '';﻿            products.forEach(product => {﻿                productList.innerHTML += `﻿                    <div>﻿                        <p>Product: ${[product.pro](product.pro#product.pro)ductName}</p>﻿                        <p>Price: ${product.price}</p>﻿                        <p>Quantity: ${product.quantity}</p>﻿                        <p>Quality: ${product.quality}</p>﻿                        <button onclick="buyProduct('${[product.pro](product.pro#product.pro)ductName}', '${product.seller}')">Buy</button>﻿                    </div>﻿                `;﻿            });﻿        }﻿        function buyProduct(productName, seller) {﻿            const quantity = prompt('Enter quantity to buy:');﻿            alert('Order placed successfully!');﻿            notifySeller(productName, quantity, seller);﻿        }﻿        function notifySeller(productName, quantity, seller) {﻿            if (!sellerNotifications[seller]) {﻿                sellerNotifications[seller] = [];﻿            }﻿            sellerNotifications[seller].push({﻿                buyer: userDetails.username,﻿                productName: productName,﻿                quantity: quantity﻿            });﻿            showSellerNotifications(seller);﻿        }﻿        function showSellerNotifications(seller) {﻿            const notificationsDiv = document.getElementById('notifications');﻿            notificationsDiv.innerHTML = '';﻿            if (sellerNotifications[seller] && sellerNotifications[seller].length > 0) {﻿                sellerNotifications[seller].forEach(notification => {﻿                    notificationsDiv.innerHTML += `﻿                        <div class="notification">﻿                            <p>Buyer: ${notification.buyer}</p>﻿                            <p>Product: ${[notification.pro](notification.pro#notification.pro)ductName}</p>﻿                            <p>Quantity: ${notification.quantity}</p>﻿                        </div>﻿                    `;﻿                });﻿            } else {﻿                notificationsDiv.innerHTML = '<p>No new notifications.</p>';﻿            }﻿            document.getElementById('seller-notification').classList.remove('hidden');﻿        }﻿        function searchProduct() {﻿            const searchQuery = document.getElementById('search').value.toLowerCase();﻿            const filteredProducts = products.filter(product => ﻿[product.pro](product.pro#product.pro)ductName.toLowerCase().includes(searchQuery)﻿            );﻿            const productList = document.getElementById('product-list');﻿            productList.innerHTML = '';﻿            filteredProducts.forEach(product => {﻿                productList.innerHTML += `﻿                    <div>﻿                        <p>Product: ${[product.pro](product.pro#product.pro)ductName}</p>﻿                        <p>Price: ${product.price}</p>﻿                        <p>Quantity: ${product.quantity}</p>﻿                        <p>Quality: ${product.quality}</p>

* <button onclick="buyProduct('${[product.pro](product.pro#product.pro)ductName}', '${product.seller}')