<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>User Data Fetch Example</title>

<style>

body {

font-family: Arial, sans-serif;

background: #f4f4f9;

padding: 20px;

}

h1 {

text-align: center;

}

#users {

display: grid;

grid-template-columns: repeat(auto-fill, minmax(280px, 1fr));

gap: 15px;

margin-top: 20px;

}

.user-card {

background: white;

padding: 15px;

border-radius: 8px;

box-shadow: 0 2px 6px rgba(0,0,0,0.15);

}

.user-card h2 {

margin: 0 0 10px;

font-size: 18px;

color: #333;

}

.user-card p {

margin: 5px 0;

color: #555;

}

#error {

color: red;

font-weight: bold;

margin-top: 20px;

text-align: center;

}

#reloadBtn {

display: block;

margin: 0 auto;

padding: 10px 20px;

border: none;

background: #007BFF;

color: white;

border-radius: 6px;

cursor: pointer;

}

#reloadBtn:hover {

background: #0056b3;

}

</style>

</head>

<body>

<h1>User Data</h1>

<button id="reloadBtn">Reload Data</button>

<div id="error"></div>

<div id="users"></div>

<script>

const usersContainer = document.getElementById('users');

const errorContainer = document.getElementById('error');

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

async function fetchUsers() {

usersContainer.innerHTML = "";

errorContainer.textContent = "";

try {

const response = await fetch('https://jsonplaceholder.typicode.com/users');

if (!response.ok) {

throw new Error("Failed to fetch data: " + response.status);

}

const users = await response.json();

users.forEach(user => {

const card = document.createElement('div');

card.className = 'user-card';

card.innerHTML = `

<h2>${user.name}</h2>

<p><strong>Email:</strong> ${user.email}</p>

<p><strong>Address:</strong> ${user.address.street}, ${user.address.city}</p>

`;

usersContainer.appendChild(card);

});

} catch (error) {

errorContainer.textContent = "Error: " + error.message;

}

}

reloadBtn.addEventListener('click', fetchUsers);

// Fetch users on page load

fetchUsers();

</script>

</body>

</html>

