**HTML + JavaScript Frontend for Flask API**

Save this as index.html and open it in your browser:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Student CRUD App</title>

</head>

<body>

<h2>Add Student</h2>

<input type="text" id="name" placeholder="Name">

<input type="email" id="email" placeholder="Email">

<input type="number" id="age" placeholder="Age">

<button onclick="addStudent()">Add</button>

<h2>All Students</h2>

<button onclick="fetchStudents()">Refresh</button>

<ul id="studentList"></ul>

<h2>Get Student by ID</h2>

<input type="number" id="getId" placeholder="ID">

<button onclick="getStudent()">Get</button>

<pre id="studentDetail"></pre>

<h2>Update Student</h2>

<input type="number" id="updateId" placeholder="ID">

<input type="text" id="updateName" placeholder="Name">

<input type="email" id="updateEmail" placeholder="Email">

<input type="number" id="updateAge" placeholder="Age">

<button onclick="updateStudent()">Update</button>

<h2>Delete Student</h2>

<input type="number" id="deleteId" placeholder="ID">

<button onclick="deleteStudent()">Delete</button>

<script>

const apiUrl = 'http://localhost:5000/students';

function addStudent() {

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

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

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

fetch(apiUrl, {

method: 'POST',

headers: {'Content-Type': 'application/json'},

body: JSON.stringify({name, email, age})

})

.then(res => res.json())

.then(data => {

alert(data.message);

fetchStudents();

});

}

function fetchStudents() {

fetch(apiUrl)

.then(res => res.json())

.then(students => {

const list = document.getElementById('studentList');

list.innerHTML = '';

students.forEach(s => {

list.innerHTML += `<li>${s.id} - ${s.name} (${s.email}, ${s.age} yrs)</li>`;

});

});

}

function getStudent() {

const id = document.getElementById('getId').value;

fetch(`${apiUrl}/${id}`)

.then(res => res.json())

.then(data => {

document.getElementById('studentDetail').textContent = JSON.stringify(data, null, 2);

});

}

function updateStudent() {

const id = document.getElementById('updateId').value;

const name = document.getElementById('updateName').value;

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

const age = document.getElementById('updateAge').value;

fetch(`${apiUrl}/${id}`, {

method: 'PUT',

headers: {'Content-Type': 'application/json'},

body: JSON.stringify({name, email, age})

})

.then(res => res.json())

.then(data => {

alert(data.message);

fetchStudents();

});

}

function deleteStudent() {

const id = document.getElementById('deleteId').value;

fetch(`${apiUrl}/${id}`, { method: 'DELETE' })

.then(res => res.json())

.then(data => {

alert(data.message);

fetchStudents();

});

}

</script>

</body>

</html>

**How to Run**

1. **Start your Flask app**:
2. python app.py
3. **Open this HTML file in a browser** (double-click or open in Chrome/Edge/Firefox).
4. Use the form buttons to add, view, delete, or update student data.