// index.html

<!DOCTYPE html>

<html>

<head>

<title>School Registration Form</title>

<link rel="stylesheet" type="text/css" href="styles.css">

</head>

<body>

<div class="container">

<form id="registrationForm">

<div class="step step-1">

<h2>Step 1: Student Information</h2>

<input type="text" id="firstName" placeholder="First Name" required>

<input type="text" id="lastName" placeholder="Last Name" required>

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

<button type="button" onclick="nextStep(1)">Next</button>

</div>

<div class="step step-2" style="display: none;">

<h2>Step 2: School Details</h2>

<input type="text" id="grade" placeholder="Grade" required>

<input type="text" id="school" placeholder="School Name" required>

<button type="button" onclick="prevStep(2)">Back</button>

<button type="submit">Submit</button>

</div>

</form>

<div id="responseMessage"></div>

</div>

<script src="script.js"></script>

</body>

</html>

// styles.css

.container {

width: 50%;

margin: auto;

padding: 20px;

border: 1px solid #ccc;

}

// script.js

function nextStep(step) {

document.querySelector(`.step-${step}`).style.display = 'none';

document.querySelector(`.step-${step + 1}`).style.display = 'block';

}

function prevStep(step) {

document.querySelector(`.step-${step}`).style.display = 'none';

document.querySelector(`.step-${step - 1}`).style.display = 'block';

}

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

event.preventDefault();

const studentData = {

firstName: document.getElementById('firstName').value,

lastName: document.getElementById('lastName').value,

email: document.getElementById('email').value,

grade: document.getElementById('grade').value,

school: document.getElementById('school').value,

};

const response = await fetch('/api/register', {

method: 'POST',

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

body: JSON.stringify(studentData),

});

const result = await response.json();

document.getElementById('responseMessage').innerText = result.message;

});

// server.js (Node.js API)

const express = require('express');

const mysql = require('mysql');

const bodyParser = require('body-parser');

const app = express();

app.use(bodyParser.json());

const db = mysql.createConnection({

host: 'localhost',

user: 'root',

password: '',

database: 'school'

});

db.connect(err => {

if (err) throw err;

console.log('MySQL Connected...');

});

app.post('/api/register', (req, res) => {

const { firstName, lastName, email, grade, school } = req.body;

const sql = 'INSERT INTO students (first\_name, last\_name, email, grade, school) VALUES (?, ?, ?, ?, ?)';

db.query(sql, [firstName, lastName, email, grade, school], (err, result) => {

if (err) throw err;

res.json({ message: 'Registration successful!' });

});

});

app.get('/api/students', (req, res) => {

const sql = 'SELECT \* FROM students';

db.query(sql, (err, results) => {

if (err) throw err;

res.json(results);

});

});

app.listen(3000, () => console.log('Server running on port 3000'));