<template>

<lightning-card title="Student Management System" icon-name="standard:contact">

<lightning-layout multiple-rows="true">

<lightning-layout-item size="12">

<lightning-input type="text" label="Name" value={studentName} onchange={handleNameChange}></lightning-input>

</lightning-layout-item>

<lightning-layout-item size="12">

<lightning-input type="number" label="Age" value={studentAge} onchange={handleAgeChange}></lightning-input>

</lightning-layout-item>

<lightning-layout-item size="12">

<lightning-input type="email" label="Email" value={studentEmail} onchange={handleEmailChange}></lightning-input>

</lightning-layout-item>

<lightning-layout-item size="12">

<lightning-button label="Add Student" variant="brand" onclick={handleAddStudent}></lightning-button>

</lightning-layout-item>

</lightning-layout>

<template if:true={students.length}>

<lightning-layout>

<template for:each={students} for:item="student">

<lightning-layout-item key={student.id} size="6">

<lightning-card>

<div class="slds-m-around\_medium">

<p><b>Name:</b> {student.name}</p>

<p><b>Age:</b> {student.age}</p>

<p><b>Email:</b> {student.email}</p>

</div>

</lightning-card>

</lightning-layout-item>

</template>

</lightning-layout>

</template>

<template if:true={error}>

<p class="slds-text-color\_error">{error}</p>

</template>

</lightning-card>

</template>

<script>

import { LightningElement, track } from 'lwc';

export default class StudentManagementSystem extends LightningElement {

@track studentName = '';

@track studentAge = '';

@track studentEmail = '';

@track students = [];

@track error = '';

handleNameChange(event) {

this.studentName = event.target.value;

}

handleAgeChange(event) {

this.studentAge = event.target.value;

}

handleEmailChange(event) {

this.studentEmail = event.target.value;

}

handleAddStudent() {

if (this.studentName && this.studentAge && this.studentEmail) {

const student = {

id: this.students.length + 1,

name: this.studentName,

age: this.studentAge,

email: this.studentEmail

};

this.students = [...this.students, student];

this.clearFields();

} else {

this.error = 'Please fill in all the fields.';

}

}

clearFields() {

this.studentName = '';

this.studentAge = '';

this.studentEmail = '';

this.error = '';

}

}

</script>

<style>

.slds-m-around\_medium {

margin: 16px;

}

</style>