<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<link rel="preconnect" href="https://fonts.googleapis.com" />

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />

<link

href="https://fonts.googleapis.com/css2?family=Roboto:ital,wght@0,100;0,300;0,400;0,500;0,700;0,900;1,100;1,300;1,400;1,500;1,700;1,900&display=swap"

rel="stylesheet"

/>

<link rel="stylesheet" href="src/style.css" />

<script src="https://cdn.jsdelivr.net/npm/axios@1.1.2/dist/axios.min.js"></script>

<title>Meteo App</title>

</head>

<style>

body {

background-color: #f9f7fe;

font-family: "Roboto", sans-serif;

}

a {

color: #885df1;

}

.weather-app {

background: white;

max-width: 600px;

margin: 45px auto;

box-shadow: 0 30px 50px rgba(65, 50, 100, 0.08);

border-radius: 16px;

padding: 30px;

}

header {

border-bottom: 1px solid #f9f7fe;

padding: 0 0 30px 0;

}

.search-form-input {

background-color: #f9f7fe;

border: none;

border-radius: 6px;

width: 80%;

font-size: 16px;

padding: 15px 20px;

}

.search-form-button {

background: #885df1;

padding: 15px 30px;

border: none;

font-size: 16px;

margin-left: 5px;

border-radius: 6px;

color: white;

}

main {

padding: 30px 0;

}

.weather-app-data {

display: flex;

justify-content: space-between;

}

.weather-app-city {

margin: 0;

font-size: 38px;

line-height: 48px;

}

.weather-app-details {

font-size: 16px;

color: rgba(39, 33, 66, 0.4);

line-height: 24px;

font-weight: 500;

}

.weather-app-details strong {

color: #f65282;

}

.weather-app-temperature-container {

display: flex;

}

.weather-app-icon {

width: 88px;

height: 88px;

}

.weather-app-temperature {

font-size: 88px;

line-height: 88px;

font-weight: bold;

}

.weather-app-unit {

margin-top: 6px;

font-size: 28px;

}

.weather-forecast {

display: flex;

justify-content: space-around;

margin-top: 30px;

}

.weather-forecast-date {

text-align: center;

color: rgba(39, 33, 66, 0.4);

font-size: 16px;

line-height: 20px;

margin-bottom: 10px;

}

.weather-forecast-icon {

width: 88px;

height: 88px;

display: block;

margin: 0 auto;

}

.weather-forecast-temperatures {

text-align: center;

color: #f65282;

margin-top: 10px;

display: flex;

justify-content: center;

}

.weather-forecast-temperature {

padding: 0 10px;

}

footer {

border-top: 1px solid #f9f7fe;

padding: 30px 0 0 0;

text-align: center;

font-size: 14px;

color: rgba(0, 0, 0, 0.6);

}

</style>

<body>

<div class="weather-app">

<header>

<form class="search-form" id="search-form">

<input

type="search"

placeholder="Enter a city.."

required

id="search-form-input"

class="search-form-input"

/>

<input type="submit" value="Search" class="search-form-button" />

</form>

</header>

<main>

<div class="weather-app-data">

<div>

<h1 class="weather-app-city" id="city"></h1>

<p class="weather-app-details">

<span id="time"></span>,

<span id="description"></span>

<br />

Humidity: <strong id="humidity"></strong>, Wind:

<strong id="wind-speed"></strong>

</p>

</div>

<div class="weather-app-temperature-container">

<div id="icon"></div>

<div class="weather-app-temperature" id="temperature"></div>

<div class="weather-app-unit">°C</div>

</div>

</div>

<div class="weather-forecast" id="forecast"></div>

</main>

<footer>

This project was coded by

<a href=" https://github.com/Nyan123api/project" target="\_blank"> Nyan Thi</a>,

is

<a href=" https://github.com/Nyan123api/project" target="\_blank"

>open-sourced on GitHub</a

>

and

<a href="https://meteo-shecodes-app.netlify.app/" target="\_blank"

>hosted on Netlify</a

>

</footer>

</div>

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

function refreshWeather(response) {

let temperatureElement = document.querySelector("#temperature");

let temperature = response.data.temperature.current;

let cityElement = document.querySelector("#city");

let descriptionElement = document.querySelector("#description");

let humidityElement = document.querySelector("#humidity");

let windSpeedElement = document.querySelector("#wind-speed");

let timeElement = document.querySelector("#time");

let date = new Date(response.data.time \* 1000);

let iconElement = document.querySelector("#icon");

cityElement.innerHTML = response.data.city;

timeElement.innerHTML = formatDate(date);

descriptionElement.innerHTML = response.data.condition.description;

humidityElement.innerHTML = `${response.data.temperature.humidity}%`;

windSpeedElement.innerHTML = `${response.data.wind.speed}km/h`;

temperatureElement.innerHTML = Math.round(temperature);

iconElement.innerHTML = `<img src="${response.data.condition.icon\_url}" class="weather-app-icon" />`;

getForecast(response.data.city);

}

function formatDate(date) {

let minutes = date.getMinutes();

let hours = date.getHours();

let days = [

"Sunday",

"Monday",

"Tuesday",

"Wednesday",

"Thursday",

"Friday",

"Saturday",

];

let day = days[date.getDay()];

if (minutes < 10) {

minutes = `0${minutes}`;

}

return `${day} ${hours}:${minutes}`;

}

function searchCity(city) {

let apiKey = "b2a5adcct04b33178913oc335f405433";

let apiUrl = `https://api.shecodes.io/weather/v1/current?query=${city}&key=${apiKey}&units=metric`;

axios.get(apiUrl).then(refreshWeather);

}

function handleSearchSubmit(event) {

event.preventDefault();

let searchInput = document.querySelector("#search-form-input");

searchCity(searchInput.value);

}

function formatDay(timestamp) {

let date = new Date(timestamp \* 1000);

let days = ["Sun", "Mon", "Tue", "Wed", "Thu", "Fri", "Sat"];

return days[date.getDay()];

}

function getForecast(city) {

let apiKey = "b2a5adcct04b33178913oc335f405433";

let apiUrl = `https://api.shecodes.io/weather/v1/forecast?query=${city}&key=${apiKey}&units=metric`;

axios(apiUrl).then(displayForecast);

}

function displayForecast(response) {

let forecastHtml = "";

response.data.daily.forEach(function (day, index) {

if (index < 5) {

forecastHtml =

forecastHtml +

`

<div class="weather-forecast-day">

<div class="weather-forecast-date">${formatDay(day.time)}</div>

<img src="${day.condition.icon\_url}" class="weather-forecast-icon" />

<div class="weather-forecast-temperatures">

<div class="weather-forecast-temperature">

<strong>${Math.round(day.temperature.maximum)}º</strong>

</div>

<div class="weather-forecast-temperature">${Math.round(

day.temperature.minimum

)}º</div>

</div>

</div>

`;

}

});

let forecastElement = document.querySelector("#forecast");

forecastElement.innerHTML = forecastHtml;

}

let searchFormElement = document.querySelector("#search-form");

searchFormElement.addEventListener("submit", handleSearchSubmit);

searchCity("Yangon");

</script>

</body>

</html>