<html lang="en">

<head>

 <meta charset="UTF-8">

 <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

 <title>Weather App</title>

</head>

<style>

    body {

 display: flex;

 justify-content: center;

 align-items: center;

 height: 100vh;

 background: darkgrey;

 margin: 0;

 font-size: 120%;

 background-image: url("https://source.unsplash.com/1600x900/?nature,landscape");

 font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;

}

.card {

 background-color: black;

 padding: 2em;

 color: white;

 border-radius: 30px;

 width: 100%;

 max-width: 420px;

 margin: 1em;

 box-shadow: 1px 3px 5px rgba(141, 138, 138, 0.1);

}

.search {

 display: flex;

 align-items: center;

 justify-content: center;

}

input.search-bar {

 border: none;

 outline: none;

 padding: 0.4em 1em;

 border-radius: 30px;

 background-color: #534b4b;

 color: white;

 font-size: 120%;

 width: calc(100% - 100px);

 font-family: 'Roboto';

 letter-spacing: 2px;

}

button {

 margin: 0.5em;

 border-radius: 50%;

 border: none;

 height: 3em;

 width: 3em;

 outline: none;

 background-color: #534b4b;

 color: white;

 cursor: pointer;

 transition: 0.3s ease-in-out;

}

button:hover {

 background-color: #9b7979;

}

.weather {

 font-weight: bold;

}

.weather.loading {

 visibility: hidden;

 max-height: 20px;

 position: relative;

}

.weather.loading::after {

 position: absolute;

 top: 0;

 color: white;

 visibility: visible;

 content: "Page Loading...";

 font-weight: bold;

 left: 30px;

}

h1.city {

 letter-spacing: 2px;

 text-transform: uppercase;

 font-size: 1.3em;

}

h1.temp {

 margin: 0;

 margin-bottom: 0.5em;

 font-size: 1.3em;

}

.flex {

 display: flex;

 align-items: center;

 margin-left: -10px;

 margin-bottom: 0.5em;

}

.flex .description {

 text-transform: capitalize;

 margin-left: 8px;

}

.humidity {

 font-size: 1.2em;

 margin-bottom: 0.5em;

}

@media screen and (max-width: 420px) {

 .card {

   border-radius: 35px;

   max-width: 320px;

  }

 input.search-bar {

  padding: 0.3em 0.8em;

  border-radius: 30px;

  background-color: #534b4b;

  color: white;

  width: calc(100% - 100px);

  letter-spacing: 1px;

 }

}

</style>

<body>

 <div class="card">

  <div class="search">

   <input type="text" class="search-bar" placeholder="Search">

   <button><svg stroke="currentColor" fill="currentColor" stroke-width="0" viewBox="0 0 16 16" height="1.5em" width="1.5em" xmlns="http://www.w3.org/2000/svg"><path fill-rule="evenodd" d="M10.442 10.442a1 1 0 011.415 0l3.85 3.85a1 1 0 01-1.414 1.415l-3.85-3.85a1 1 0 010-1.415z" clip-rule="evenodd"></path><path fill-rule="evenodd" d="M6.5 12a5.5 5.5 0 100-11 5.5 5.5 0 000 11zM13 6.5a6.5 6.5 0 11-13 0 6.5 6.5 0 0113 0z" clip-rule="evenodd"></path></svg></button>

  </div>

  <div class="weather loading">

   <h1 class="city">Weather in Lagos</h1>

   <h1 class="temp">51°C</h1>

   <div class="flex">

    <img src="//cdn.weatherapi.com/weather/64x64/day/116.png" alt="" class="icon">

    <div class="description">Cloudy</div>

   </div>

   <div class="humidity">Humidity:60%</div>

   <div class="wind">Wind Speed:6.2 km/hr</div>

  </div>

 </div>

 <script>

    let cityEl = document.querySelector(".city");

let iconEl = document.querySelector(".icon");

let descriptionEl = document.querySelector(".description");

let temperatureEl = document.querySelector(".temp");

let humidityEl = document.querySelector(".humidity");

let windEl = document.querySelector(".wind");

let searchBar = document.querySelector(".search-bar");

let searchEl = document.querySelector(".search button");

let weatherEl = document.querySelector(".weather");

let weather = {

 "apikey": "a6f6fef1470f473cb0694459230605",

 fetchWeather: function (city) {

  fetch("http://api.weatherapi.com/v1/current.json?key=a6f6fef1470f473cb0694459230605%20&q=" + city + "&aqi=no").then((response) => response.json()).then((data) => this.displayWeather(data));

 },

 displayWeather: function (data) {

  const { name } = data.location;

  const { icon, text } = data.current.condition;

  const { temp\_c, humidity } = data.current;

  const { wind\_kph } = data.current;

  cityEl.innerText = `Weather in ${name}`;

  iconEl.src = icon;

  descriptionEl.innerText = text;

  temperatureEl.innerText = `Temperature: ${temp\_c}°C`;

  humidityEl.innerText = `Humidity: ${humidity}%`;

  windEl.innerText = `Wind Speed: ${wind\_kph} km/hr`;

  weatherEl.classList.remove("loading");

  document.body.style.backgroundImage = "url('https://source.unsplash.com/1600x900/?" + name + "')";

 },

 search: function () {

  this.fetchWeather(searchBar.value);

 }

};

searchEl.addEventListener("click", () => {

 console.log("Clicked!");

 weather.search();

});

searchBar.addEventListener("keyup", (event) => {

 if (event.key === "Enter") {

  weather.search();

 }

});

weather.fetchWeather("Lagos");

 </script>

</body>

</html>