Index.html

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

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

  <title>Live Weather Report</title>

  <link rel="stylesheet" href="main.css" />

</head>

<body>

  <div class="app-wrap">

    <header>

      <input type="text" class="search-box" id="inputData" placeholder="Search for a city..." />

    </header>

  <a class="button" onclick="getWeatherReport();">Get Weather Report</a>

    <main>

      <section class="location">

        <div class="city"></div>

        <div class="date"></div>

      </section>

      <div class="current">

        <div class="temp"></div>

        <div class="weather"></div>

        <div class="hi-low"></div>

      </div>

    </main>

  </div>

  <script src="main.js"></script>

</body>

</html>

Main.css

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

  }

  body {

    background-image: url('bg-1.jpg');

    background-size: cover;

    background-position: center;

  }

  .app-wrap {

    display: flex;

    flex-direction: column;

    min-height: 100vh;

    background-image: linear-gradient(to bottom, rgba(0, 0, 0, 0.3), rgba(0, 0, 0, 0.6));

  }

  header {

    display: flex;

    justify-content: center;

    align-items: center;

    padding: 50px 15px 15px;

  }

  header input {

    width: 100%;

    max-width: 280px;

    padding: 10px 15px;

    border: none;

    outline: none;

    border-bottom: 3px solid #DF8E00;

    color: #313131;

    font-size: 20px;

    font-weight: 300;

    transition: 0.2s ease-out;

  }

  header input:focus {

    background-color: rgba(255, 255, 255, 0.6);

  }

  main {

    flex: 1 1 100%;

    padding: 25px 25px 50px;

    display: flex;

    flex-direction: column;

    align-items: center;

    text-align: center;

  }

  .location .city {

    color: #FFF;

    font-size: 32px;

    font-weight: 500;

    margin-bottom: 5px;

  }

  .location .date {

    color: #FFF;

    font-size: 16px;

  }

  .current .temp {

    color: #FFF;

    font-size: 102px;

    font-weight: 900;

    margin: 30px 0px;

    text-shadow: 2px 10px rgba(0, 0, 0, 0.6);

  }

  .current .temp span {

    font-weight: 500;

  }

  .current .weather {

    color: #FFF;

    font-size: 32px;

    font-weight: 700;

    font-style: italic;

    margin-bottom: 15px;

    text-shadow: 0px 3px rgba(0, 0, 0, 0.4);

  }

  .current .hi-low {

    color: #FFF;

    font-size: 24px;

    font-weight: 500;

    text-shadow: 0px 4px rgba(0, 0, 0, 0.4);

  }

  .button{

      text-align: center;

      background: whitesmoke;

      margin: 0% 43%;

      padding: 10px;

      border-radius: 20px;

      border: 2px solid #df8e00;

  }

Main.js

const api = {

    key: "50a7aa80fa492fa92e874d23ad061374",

    base: "https://api.openweathermap.org/data/2.5/"

  }

  function getWeatherReport()

  {

    var inputData = document.getElementById('inputData').value;

    getResults (inputData)

  }

  //getResults ('Hyderabad, IN');

  function getResults (query) {

    fetch(`${api.base}weather?q=${query}&units=metric&APPID=${api.key}`)

      .then(weather => {

        return weather.json();

      }).then(displayResults);

  }

  function displayResults (weather) {

    let city = document.querySelector('.location .city');

    city.innerText = `${weather.name}, ${weather.sys.country}`;

    let now = new Date();

    let date = document.querySelector('.location .date');

    date.innerText = dateBuilder(now);

    let temp = document.querySelector('.current .temp');

    temp.innerHTML = `${Math.round(weather.main.temp)}<span>°c</span>`;

    let weather\_el = document.querySelector('.current .weather');

    weather\_el.innerText = weather.weather[0].main;

    let hilow = document.querySelector('.hi-low');

    hilow.innerText = `${Math.round(weather.main.temp\_min)}°c / ${Math.round(weather.main.temp\_max)}°c`;

  }

  function dateBuilder (d) {

    let months = ["January", "February", "March", "April", "May", "June", "July", "August", "September", "October", "November", "December"];

    let days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"];

    let day = days[d.getDay()];

    let date = d.getDate();

    let month = months[d.getMonth()];

    let year = d.getFullYear();

    return `${day} ${date} ${month} ${year}`;

  }

Output:





