

Weather web App

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Weather Web App</title>
    <link rel="stylesheet" href="bootstrap.css">
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <video src="weather3.mp4" class="videobg" autoplay loop
muted></video>
    <div id="loading" class="spinner-border text-primary"
role="status">
        <span class="sr-only">Loading...</span>
    </div>
    <div class="app">
        <h1 class="text-center">Weather Web App</h1>
        <div class="input-group mb-3">
            <input type="text" class="form-control"
placeholder="Enter the city name" id="inputname">
            <div class="input-group-append">
                <button class="input-group-text" id="searchbtn"
onclick="getData(event)">Search</button>
            </div>
        </div>
    </div>
</body>
```

```
</div>

<div class="d-flex flex-row justify-content-around
row">
    <div class="dinline">
        <span>Country Name</span>
        <p id="countryname" class="text-info">_</p>
    </div>
    <div class="dinline">
        <span>State Name</span>
        <p id="statename" class="text-info">_</p>
    </div>
    <div class="dinline">
        <span>City Name</span>
        <p id="cityname" class="text-info">_</p>
    </div>
</div>
<div class="d-flex flex-row justify-content-around
row">
    <div class="dinline">
        <span>Humidity</span>
        <p id="humidity" class="text-info">_</p>
    </div>
    <div class="dinline">
        <span>Wind Speed</span>
        <p id="windspeed" class="text-info">_ KMPH</p>
    </div>
    <div class="dinline">
        <span>Temperature</span>
        <p id="temperature"
class="text-info">_<span>°</span></p>
    </div>
```

```
<div class="dinline">
    <img width="50px" id="logoimage" alt="">
    <p id="weatherstatus" class="text-info">_</p>
</div>
</div>
<script src="script.js"></script>
</body>
</html>
```

Style.css

```
body, html {
    height: 100%;
    margin: 0;
    overflow: hidden;
}

.videobg {
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    object-fit: cover;
    z-index: -1;
}

#loading {
    display: none;
```

```
position: fixed;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
z-index: 2;
}

.app {
  position: relative;
  z-index: 1;
  padding: 20px;
  background: rgba(255, 255, 255, 0.2);
  border-radius: 10px;
  font-size: 30px;
  box-shadow: 0px 10px 20px 0px rgb(65, 64, 64);
  margin: 5% 15%;
  padding: 5% 7%;
}

.dinline {
  display: inline-block;
}

.row {
  margin: 4% 4%;
}
```

script.js

```
const inputname = document.getElementById("inputname");
const countryname = document.querySelector("#countryname");
const statename = document.querySelector("#statename");
const cityname = document.querySelector("#cityname");
const humidity = document.querySelector("#humidity");
const wspeed = document.querySelector("#windspeed");
const temp = document.querySelector("#temperature");
const imglogo = document.querySelector("#logo image");
const weatherstatus =
document.querySelector("#weatherstatus");
const loading = document.getElementById('loading');

async function getData(event) {
  event.preventDefault();
  const city = inputname.value;
  if (!city) {
    alert('Please enter a city name');
    return;
  }

  loading.style.display = 'block';

  try {
    const response = await fetch(
`http://api.weatherapi.com/v1/current.json?key=efdc4c2ffba467
8a8a51713240306&q=${city}`
  );
}
```

```
const data = await response.json();

if (response.ok) {
    countryname.innerText = data.location.country;
    statename.innerText = data.location.region;
    cityname.innerText = data.location.name;
    humidity.innerText = data.current.humidity + '%';
    wspeed.innerText = data.current.wind_kph + 'KMPH';
    temp.innerText = data.current.temp_c + ' °C';
    weatherstatus.innerText =
data.current.condition.text;
    imglogo.src = data.current.condition.icon;
} else {
    alert('City not found');
}
} catch (error) {
    alert('Failed to retrieve data');
}
finally {
    loading.style.display = 'none';
}
}
```

Output



