LIVE WEATHER DASHBOARD

CODING:

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

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

  <title>Live Weather Dashboard</title>


  <!-- Bootstrap Icons -->

  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.2/font/bootstrap-icons.min.css">


  <!-- Google Fonts -->

  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;600&display=swap" rel="stylesheet">


  <style>
    * {
      padding: 0;

      margin: 0;

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

      box-sizing: border-box;

    }
```

```css
body {
    background: #111;
  color: #fff;
}

.weather-card {
 width: 90%;
 max-width: 450px;
 text-align: center;
 padding: 35px 30px;
 margin: 30px auto 0;
 border-radius: 20px;
 background: linear-gradient(120deg, #00feba, #5b548a);
 box-shadow: 0 8px 30px rgba(0,0,0,0.5);
}

.search {
 display: flex;
 justify-content: space-between;
 align-items: center;
}

.search input {
 width: 100%;
 height: 50px;
 font-size: 18px;
 flex: 1;
 color: #555;
```

```css
  padding: 10px 25px;

  outline: none;

  background: #ebfffc;

  border: none;

  border-radius: 30px;

}


.search button {

  width: 50px;

  height: 50px;

  cursor: pointer;

  margin-left: 16px;

  border: none;

  outline: 0;

  background: #ebfffc;

  border-radius: 50%;

}


.search button i {

  font-size: 20px;

  color: #333;

}


.weather h1 {

  font-size: 80px;

  font-weight: 500;

  margin-top: -10px;

}
```

```css
.weather h2 {

 font-size: 40px;

 font-weight: 400;

 margin-top: -15px;

}


.weather-icon {

 width: 150px;

 height: 150px;

 margin-top: 10px;

}


.details {

 display: flex;

 margin-top: 40px;

 justify-content: space-between;

 align-items: center;

 padding: 0 20px;

}


.col {

 display: flex;

 align-items: center;

 text-align: left;

}


.details img {
```

```css
    width: 40px;

    height: 40px;

  }


  .info {

    margin-left: 10px;

  }


  .humidity, .wind {

    font-size: 25px;

    font-weight: 500;

  }
 </style>
</head>
<body>
  <div class="weather-card"
   style="background-image: url('live.jpg');
       background-size: cover;
       background-position: center;
       color: white;">
  <h2>Weather</h2>
</div>


 <div class="weather-card">
  <div class="search">
    <input type="search" placeholder="Enter city name" spellcheck="false">
    <button><i class="bi bi-search"></i></button>
  </div>
```

```html
<div class="weather">
    <img class="weather-icon" src="https://cdn-icons-png.flaticon.com/512/1163/1163624.png" alt="Weather Icon">
    <h1 class="temp">15°C</h1>
    <h2 class="city">New York</h2>

    <div class="details">
     <div class="col">
       <img src="https://cdn-icons-png.flaticon.com/512/728/728093.png" alt="Humidity Icon">
       <div class="info">
        <p class="humidity">50%</p>
        <p>Humidity</p>
       </div>
     </div>

     <div class="col">
       <img src="https://cdn-icons-png.flaticon.com/512/5537/5537639.png" alt="Wind Icon">
       <div class="info">
        <p class="wind">15 Km/h</p>
        <p>Wind Speed</p>
       </div>
     </div>
    </div>
   </div>
 </div>
```

```html
<script>
  const apiKey = "97ed86b99fdcf738c7a080e0fa9fde20";
  const apiUrl = "https://api.openweathermap.org/data/2.5/weather?units=metric&q=";


  const searchBox = document.querySelector(".search input");
  const searchBtn = document.querySelector(".search button");
  const weatherIcon = document.querySelector(".weather-icon");


  async function checkWeather(city) {
   if (!city) {
    alert("Please enter a city name!");
    return;
   }


   try {
    const response = await fetch(apiUrl + city + `&appid=${apiKey}`);
    const data = await response.json();


    if (data.cod === "404") {
     alert("City not found!");
     return;
    }


    document.querySelector(".city").innerHTML = data.name;
    document.querySelector(".temp").innerHTML = Math.round(data.main.temp) + "°C";
    document.querySelector(".humidity").innerHTML = data.main.humidity + "%";
    document.querySelector(".wind").innerHTML = data.wind.speed + " Km/h";
```

```javascript
    const mainWeather = data.weather[0].main;


    if (mainWeather === "Clouds") {
      weatherIcon.src = "https://cdn-icons-png.flaticon.com/512/414/414825.png";
    } else if (mainWeather === "Clear") {
      weatherIcon.src = "https://cdn-icons-png.flaticon.com/512/6974/6974833.png";
    } else if (mainWeather === "Mist") {
      weatherIcon.src = "https://cdn-icons-png.flaticon.com/512/4005/4005901.png";
    } else if (mainWeather === "Snow") {
      weatherIcon.src = "https://cdn-icons-png.flaticon.com/512/2315/2315309.png";
    } else if (mainWeather === "Rain") {
      weatherIcon.src = "https://cdn-icons-png.flaticon.com/512/1163/1163624.png";
    } else if (mainWeather === "Drizzle") {
      weatherIcon.src = "https://cdn-icons-png.flaticon.com/512/3076/3076129.png";
    } else {
      weatherIcon.src = "https://cdn-icons-png.flaticon.com/512/1163/1163624.png";
    }


  } catch (error) {
    console.error("Error fetching weather:", error);
    alert("Something went wrong. Please try again later.");
  }
}


searchBtn.addEventListener("click", () => {
  checkWeather(searchBox.value);
});
```

```
    searchBox.addEventListener("keydown", (event) => {

     if (event.key === "Enter") {

      checkWeather(searchBox.value);

     }

    });

  </script>

</body>

</html>
```