**Weather Dashboard Web App**

**Code File**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

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

  <title>Dark Weather Dashboard</title>

  <script src="https://cdn.tailwindcss.com"></script>

  <link rel="stylesheet" href="https://unpkg.com/leaflet@1.9.4/dist/leaflet.css"/>

  <script src="https://unpkg.com/leaflet@1.9.4/dist/leaflet.js"></script>

  <style>

    body { font-family: 'Inter', sans-serif; }

    #map { height: 250px; border-radius: 12px; }

  </style>

</head>

<body class="bg-gray-900 text-gray-100 min-h-screen flex items-center justify-center p-6">

  <div class="w-full max-w-md bg-gray-800 rounded-2xl shadow-2xl p-6">

    <h1 class="text-2xl font-bold text-blue-400 text-center mb-4">🌧️ Weather Dashboard</h1>

    <p id="status" class="text-sm text-gray-400 text-center mb-4">Getting your location...</p>

    <div id="weatherData" class="hidden">

      <h2 id="location" class="text-xl font-semibold mb-2 text-center text-gray-100"></h2>

      <div class="flex justify-center items-center gap-4 mb-4">

        <div id="icon" class="text-4xl">🌤️</div>

        <div>

          <p id="temperature" class="text-3xl font-bold text-blue-300"></p>

          <p id="description" class="text-sm capitalize text-gray-300"></p>

        </div>

      </div>

      <p class="text-sm text-center text-gray-400 mb-4">Humidity: <span id="humidity"></span>%</p>

      <div id="map" class="mt-4"></div>

    </div>

  </div>

  <script>

    const statusText = document.getElementById('status');

    const weatherSection = document.getElementById('weatherData');

    const locationName = document.getElementById('location');

    const temperature = document.getElementById('temperature');

    const description = document.getElementById('description');

    const humidity = document.getElementById('humidity');

    const icon = document.getElementById('icon');

    const emojiMap = {

      Sunny: "☀️",

      Clear: "🌙",

      "Partly cloudy": "⛅",

      "Overcast": "☁️",

      Cloudy: "☁️",

      "Light rain": "🌦️",

      "Heavy rain": "🌧️",

      Thunderstorm: "⛈️",

      Snow: "❄️"

    };

    function displayMap(lat, lon) {

      const map = L.map('map').setView([lat, lon], 10);

      L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {

        attribution: '&copy; OpenStreetMap contributors',

        className: 'dark-tile'

      }).addTo(map);

      L.marker([lat, lon]).addTo(map)

        .bindPopup('You are here')

        .openPopup();

    }

    function fetchWeather(lat, lon) {

      fetch(`https://wttr.in/${lat},${lon}?format=j1`)

        .then(res => res.json())

        .then(data => {

          const current = data.current\_condition[0];

          const city = data.nearest\_area[0].areaName[0].value;

          const desc = current.weatherDesc[0].value;

          locationName.textContent = city;

          temperature.textContent = `${current.temp\_C}°C`;

          description.textContent = desc;

          humidity.textContent = current.humidity;

          icon.textContent = emojiMap[desc] || "🌦️";

          statusText.classList.add('hidden');

          weatherSection.classList.remove('hidden');

          displayMap(lat, lon);

        })

        .catch(() => {

          statusText.textContent = "Weather data fetch failed.";

        });

    }

    function getUserLocation() {

      if (!navigator.geolocation) {

        statusText.textContent = "Geolocation not supported.";

        return;

      }

      navigator.geolocation.getCurrentPosition(

        (pos) => {

          const { latitude, longitude } = pos.coords;

          fetchWeather(latitude, longitude);

        },

        () => {

          statusText.textContent = "Location access denied.";

        }

      );

    }

    window.onload = getUserLocation;

  </script>

</body>

</html>