# **Weather Forecast Application** 🌦️

This project is a weather forecast application developed using JavaScript, HTML, CSS, and Tailwind CSS. It uses the OpenWeatherMap API to fetch and display weather data for a user-friendly experience.

## **Features**

- Location-based weather forecasts.

- Current weather conditions with temperature, humidity, and wind speed.

- Extended 5-day forecast.

- Search functionality for cities.

- Recently searched cities dropdown.

- Responsive design for desktop, iPad Mini, and iPhone SE.

## **Setup Instructions**

**Prerequisites**

1. Ensure you have Visual Studio Code (VSC) installed.
2. Install Node.js to use npm for package management.
3. Tailwind CSS should be installed. Follow the steps below if not already installed.

**Steps to Set Up**

**For Local Files:**

1. **Unzip the project folder**:
   * Extract the Project 2 folder to your desired location.
2. **Open in Visual Studio Code**:
3. **Install Tailwind CSS**:
   * Open the terminal in Visual Studio Code.
   * Run the following commands to set up Tailwind CSS:

npm install -D tailwindcss

npx tailwindcss init

* + Configure the tailwind.config.js file.

1. **Run the Project**:
   * Open the index.html file in your browser to view the application.

Access the project repository at the following link:

https://github.com/Asrs7777777/Full-Stack-Development

**Technologies Used -**

JavaScript

HTML

CSS (Tailwind CSS)

OpenWeatherMap API

**Usage -**

Open the application.

Enter a city name to fetch the weather forecast.

Use the location feature for current weather.

Check extended forecasts for 5 days.

Recently searched cities appear in the dropdown for quick access.

**Screenshots –**





