**Documentation Of Weather App**

**Weather Forecast App**

A simple Weather Forecast application built with React that provides daily weather data from OpenWeather API and weekly weather forecasts from WeatherAPI.

**Features**

Daily Weather: Displays current weather conditions using OpenWeather API.

Weekly Forecast: Provides a 7-day weather forecast using WeatherAPI.

Temperature and Humidity Visualization: Interactive charts for visualizing temperature and humidity levels over the week.

**Technologies Used**

**React:** Frontend library for building the user interface.

**Chart.js:** Library for creating beautiful and responsive charts.

**OpenWeather API:** Used for fetching daily weather data.

**WeatherAPI:** Used for fetching weekly weather forecasts.

**Getting Started**

Prerequisites

Make sure you have Node.js and npm installed on your machine. You can download it from nodejs.org.

**Installation**

Clone the repository or create a new React application:

npx create-react-app weather-forecast-app

**Navigate into the project directory:**

cd weather-forecast-app

**Install the required dependencies:**

npm install chart.js react-chartjs-2

**Obtain your API keys:**

Sign up for an account at OpenWeather to get your API key for daily weather data.

Sign up at WeatherAPI to obtain your API key for weekly forecasts.

Update your API keys in the relevant utility files in the project:

OpenWeather API: Update the API key in your fetch functions where OpenWeather is called.

WeatherAPI: Update the API key in your fetch functions where WeatherAPI is called.

**Run the application:**

npm start

Open your browser and navigate to **http://localhost:3000** to view the application.

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