WeatherSphere Documentation

Welcome to WeatherSphere, your gateway to real-time global weather updates. This documentation provides an overview of the project, its features, and instructions on how to set up and use the application.

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Features

- **Real-Time Weather Updates**: Retrieve current weather conditions, including temperature, humidity, wind speed, and more.

- **User-Friendly Interface**: Clean and responsive design for easy navigation.

- **Search Functionality**: Enter any city name to get its weather information.

- **Weather Icons**: Visual representations of current weather conditions.

- **Thank You Message**: Personalized acknowledgment for users.

Technologies Used

- **HTML**: Provides the structure of the web page.

- **CSS**: Handles styling and layout, including modern design elements like glassmorphism.

- **JavaScript**: Fetches weather data from the WeatherAPI and updates the DOM dynamically.

Getting Started

Prerequisites

To run WeatherSphere locally, you'll need:

- A modern web browser (e.g., Chrome, Firefox, Edge).

- An active internet connection to fetch real-time weather data.

Installation

1. **Clone the Repository**:

git clone https://github.com/adityakrmishra/WeatherSphere.git

2. **Navigate to the Project Directory**:

cd WeatherSphere

3. **Open index.html**:

    o You can open the index.html file directly in your preferred web browser to launch the application.

Usage

1. **Enter City Name**:

    o In the input field labeled "Enter city name...", type the name of the city you wish to check the weather for.

2. **Get Weather**:

    o Click the "Get Weather" button or press the "Enter" key.

3. **View Results**:

    o The application will display the current weather conditions for the specified city, including:

        ▪ Location (City, Country)

        ▪ Temperature

        ▪ Weather Description

        ▪ Humidity

        ▪ Wind Speed

        ▪ Feels Like Temperature

        ▪ Atmospheric Pressure

Project Structure

WeatherSphere/

├── index.html

├── README.md

└── LICENSE

- index.html: The main HTML file containing the structure, styling, and JavaScript for the application.

- README.md: Provides an overview and instructions for the project.

- LICENSE: Contains the MIT License information.

License

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