

weather App-Readme Guidelines

Description

The Weather App is a simple graphical user interface (GUI) application that provides real-time weather updates for a given city. It retrieves weather data using the WeatherAPI and displays key details such as temperature, wind speed, humidity, air quality, and more. The application also allows users to save their favorite cities for quick access.

Features

- Get real-time weather updates for any city
- Display temperature, wind speed, humidity, and air quality index (AQI)
- Save favorite cities for quick access
- User-friendly interface built using Tkinter

Technologies Used

- Python
- Tkinter (for GUI)
- Requests (for API calls)
- WeatherAPI (for fetching weather data)

Installation

1. Clone the repository:
2. `git clone https://github.com/yourusername/weather-app.git`
3. Navigate to the project directory:
4. `cd weather-app`
5. Install dependencies:
6. `pip install requests`

Usage

1. Run the script:
2. `python weatherapp.py`
3. Enter a city name in the input field and click "Get Weather."
4. View weather details displayed on the screen.
5. Choose to save the city as a favorite when prompted.

API Key Setup

The script uses an API key to fetch weather data. Ensure that you have a valid API key from [WeatherAPI](#) and replace the placeholder in weatherapp.py:

```
API_KEY = "your_api_key_here"
```

Acknowledgments

- WeatherAPI for providing real-time weather data
- Python and Tkinter community for their support