Weather Now – User Manual

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Application: Weather Now

Course: Final Project Submission

1. Introduction

Weather Now is a desktop application created with Python and Tkinter. It enables users to check live weather conditions by entering a city or ZIP code and provides a 5-day forecast option. Users can also manually submit their own weather observations using the app’s built-in feedback form.

2. System Requirements

- Python 3.x

- Tkinter (usually included with Python)

- Requests library

- PIL (Pillow) library

- Internet connection (for live weather updates)

- OpenWeatherMap API key (pre-configured)

3. How to Run the Program

- Ensure all required Python libraries are installed.

- Place the .py file and all image files in the same directory.

- Run the script using a Python environment that supports Tkinter:

`python MortFinalProject.py`

- The main window will launch, allowing you to enter a city or ZIP code.

4. Features and Navigation

- Enter any city name or ZIP code to retrieve live weather data.

- Check the box to also receive a 5-day forecast in a new window.

- Use the manual input option to provide your own weather report.

- Press 'Exit' to close the application.

5. Manual Weather Input

Click 'Yes' when prompted to input your local weather. A new window will open where you can:

- Select the type of weather (e.g., Sunny, Raining, Snowing)

- Enter comments about your local conditions

- Submit the feedback, which is saved to a local file

6. Troubleshooting

- If no city is entered, the program will prompt you to enter one.

- Invalid city names will return a message like 'city not found'.

- Internet connection is required for API calls to succeed.

- Make sure all image files (e.g., Clear.gif, Rain.gif) are in the same folder.

7. Contact

Refer to GitHub or email for contact information