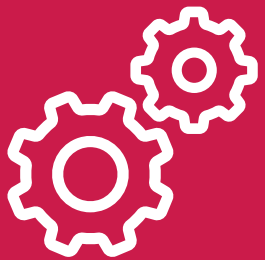


Weather App

Team 2



Agenda

1

Project Objective and Scope

2

Team Members – Scrum Methodology

3

Future Improvements

4

UML Diagrams

5

Utilized Technologies

6

Features

7

User Interface

8

Feedback

Project Objective And Scope

- This project is a Weather Application with a graphical user interface designed to provide real-time weather information through a user-friendly graphical interface.
- The application covers weather details for the Netherland, Belgium and The USA.
- The project utilizes PyQt5 for GUI, Scrapy for web scraping city data, HTTP-Request and API for real-time weather data and MongoDB for efficient data storage.



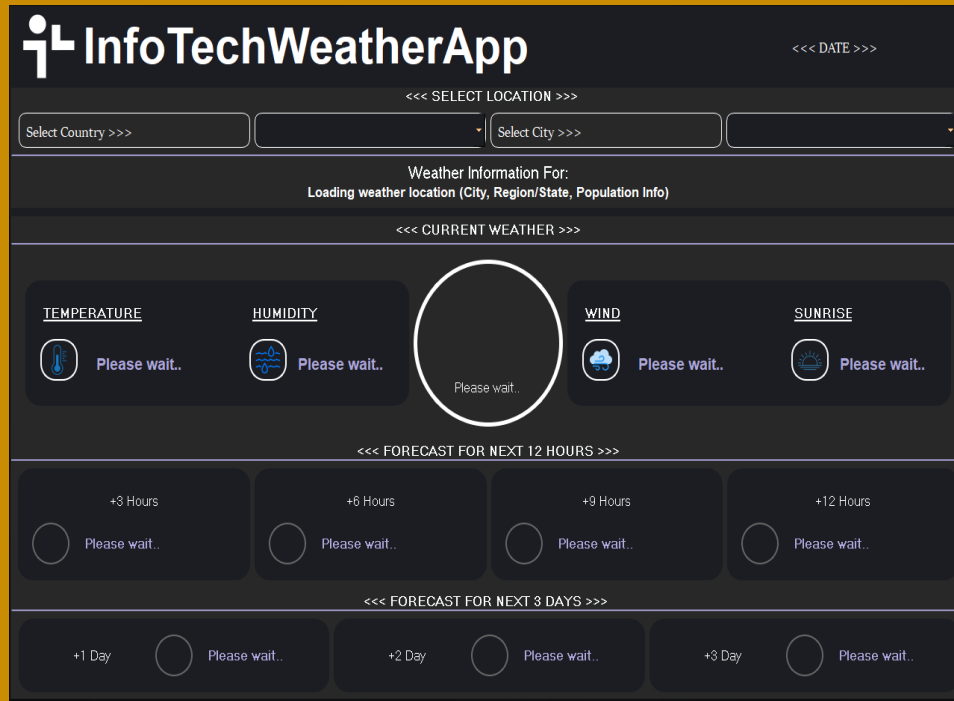
Team Members





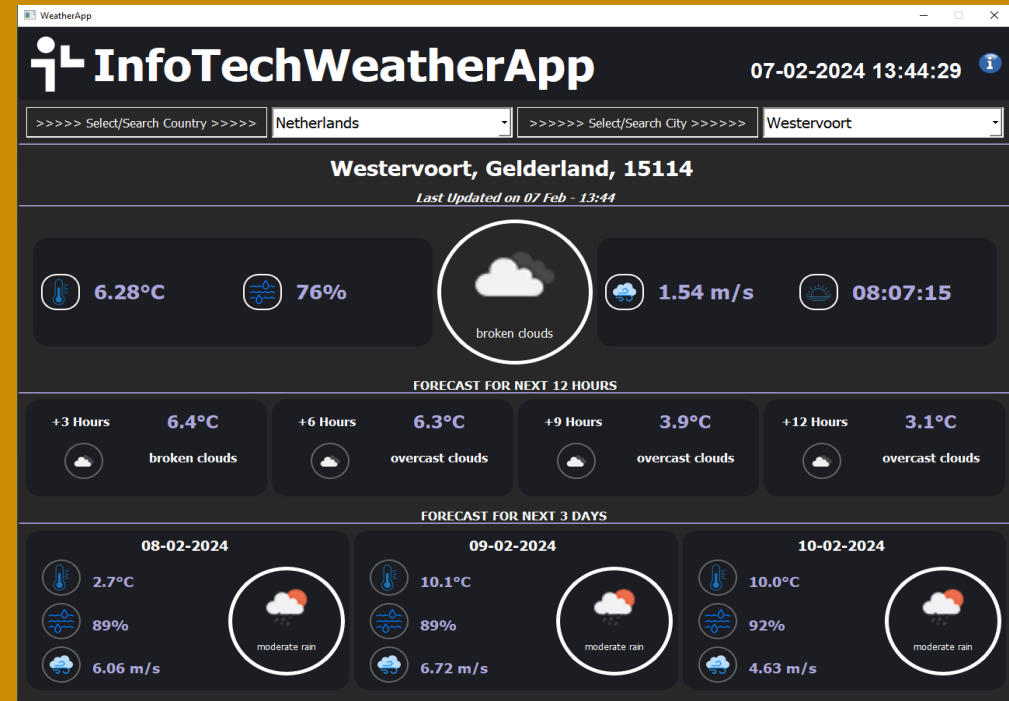
Sprint Review

Sprint 1 Review



- Completion of GUI design
- Displaying country and city information in the program.

Sprint 2 Review



- Customer's requested product completion and delivery to the customer.

Retrospective

What went well

- Communication
- Teamwork
- Creativity
- Competency
- Ergonomic design
- Technical capabilities
- Planning
- Experience sharing
- Priority adjustment

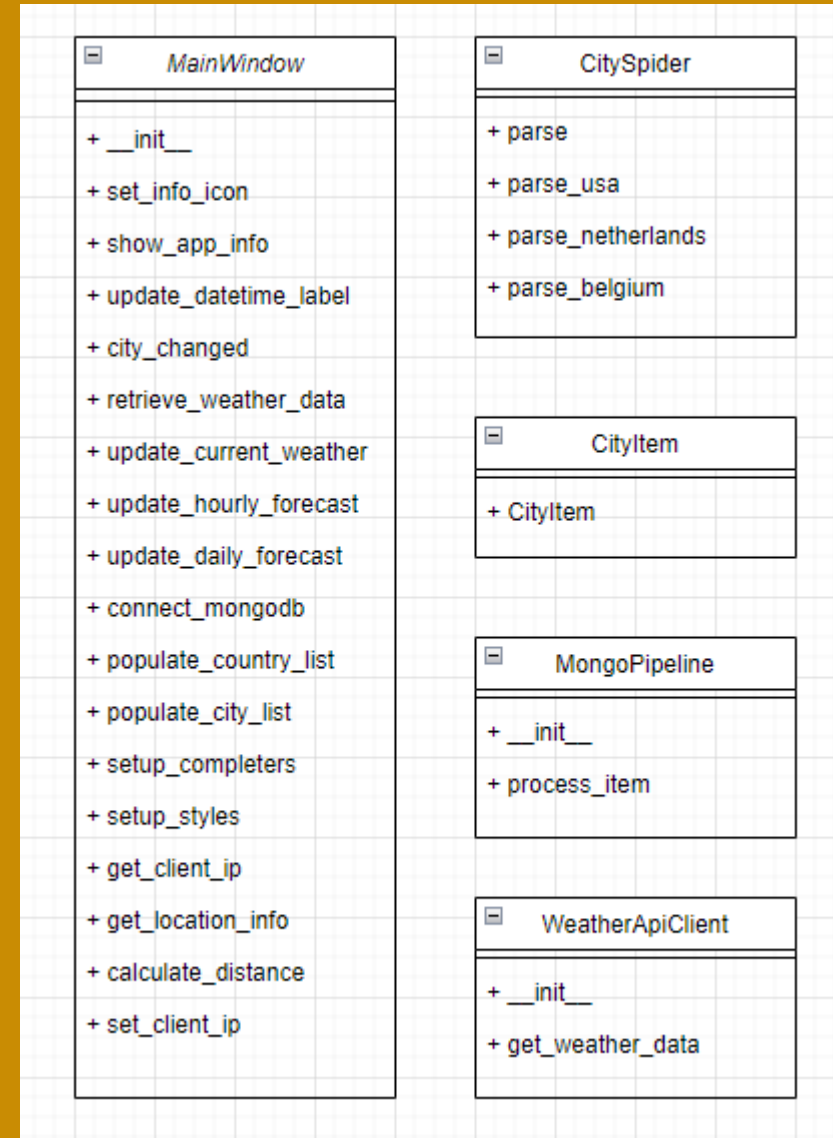
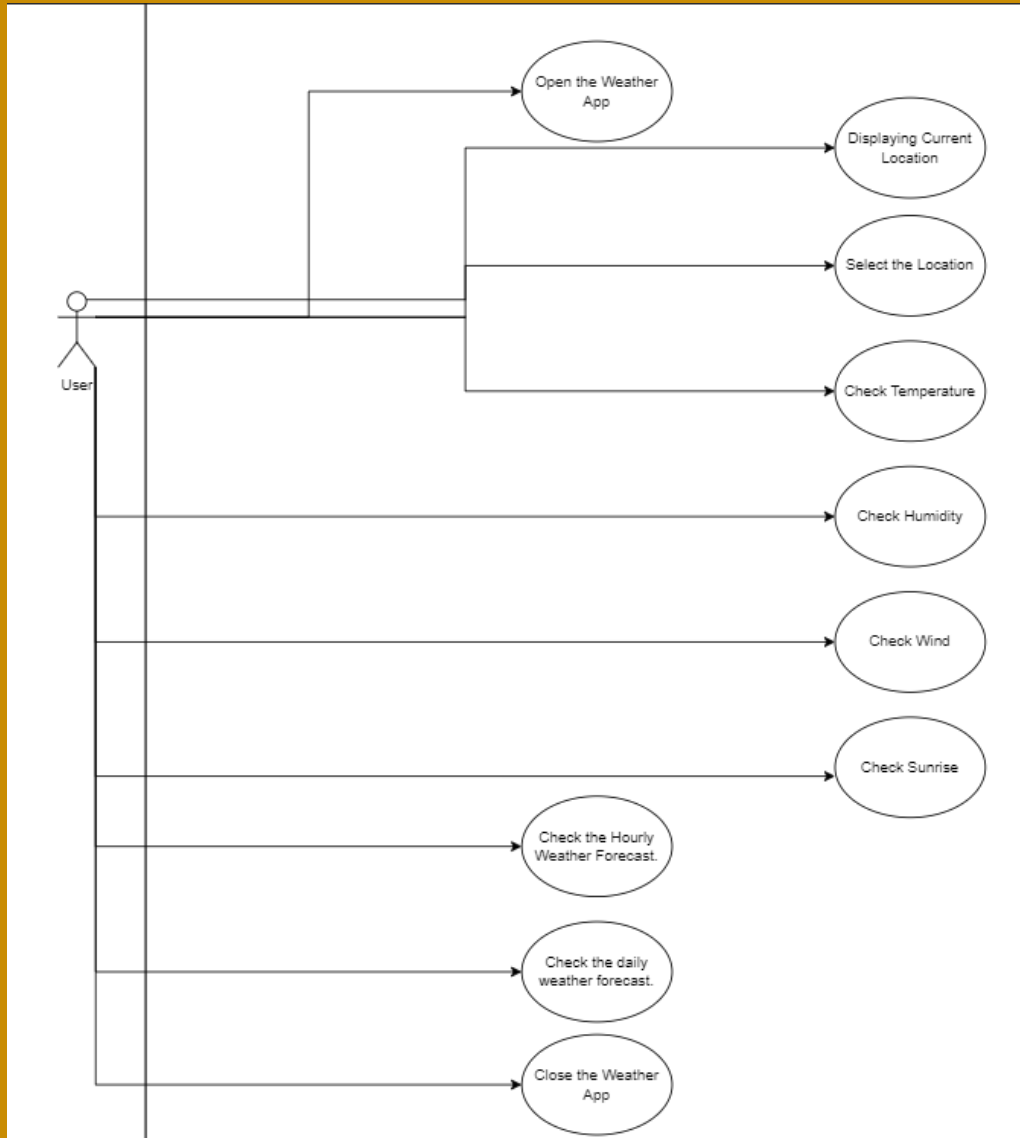
To improve

- GitHub commands
- Managing dependent tasks
- Scrum mastery

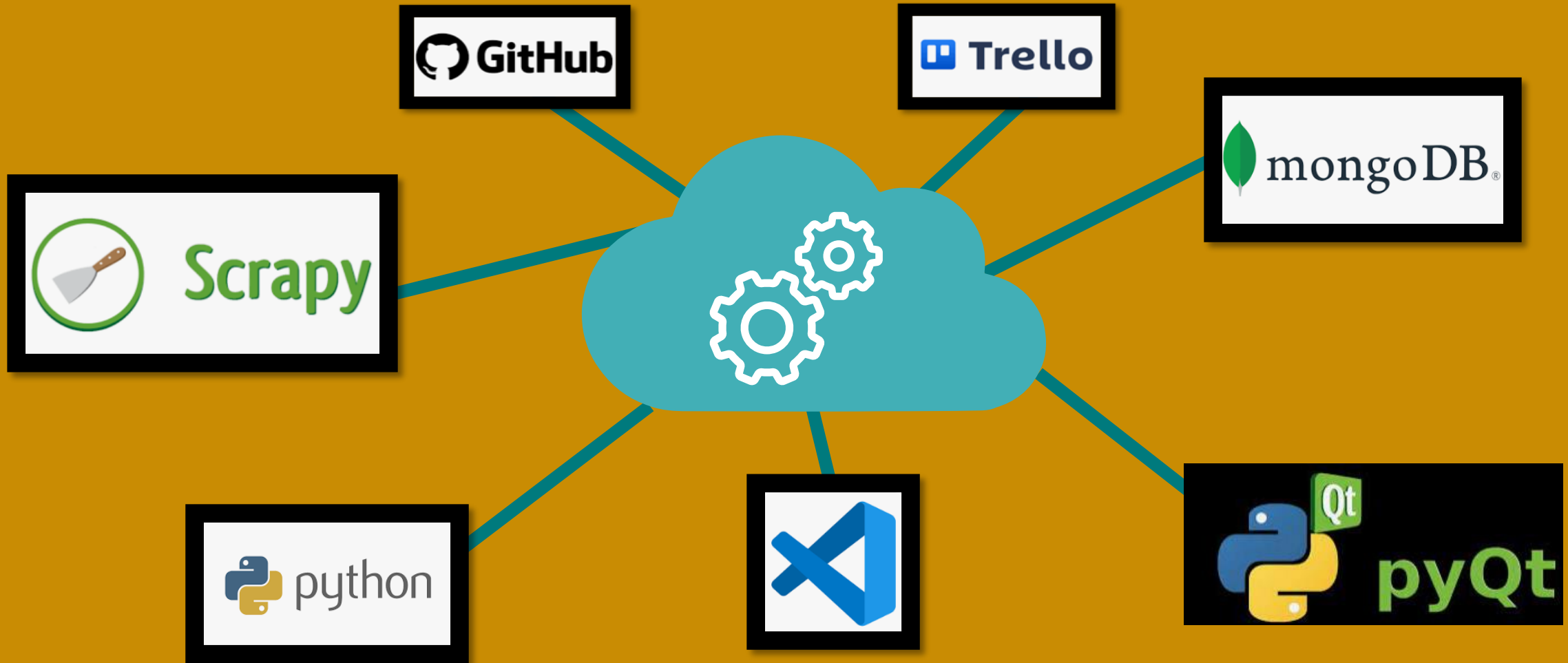
Action items

- GitHub experience sharing
- Managing dependent tasks
- Scrum mastery

UML Diagrams



Utilized Technologies



Utilized Technologies

WeatherApp ☆ Çalışma Alanında görünür Pano

Meetings

- Sprint I
- 28/01/2024 >> 15:30
- 29/01/2024 >> 23:00
- 30/01/2024 >> 22:00
- 31/01/2024 >> 22:00
- 01/02/2024 >> 22:00 >> RETRO
- Sprint II
- 02/02/2024 >> 22:00
- 03/02/2024 >> 22:00
- 04/02/2024 >> 22:00
- 05/02/2024 >> 22:00
- 06/02/2024 >> 22:00
- 07/02/2024 >> 22:00

To Do

- Docstrings will be written for functions
- Meeting cards will be updated with meeting notes

Doing

- 2- UML Diagrams and Database Structure
- Presentation

Done

- 1-Design GUI for App
- Location data from the database will be displayed in PyQt5
- Weather information and date will be displayed in PyQt5
- Date can be added to +1 +2 +3 days sections
- Weather icon and weather short info can be added to daily forecasts
- Exe will be generated

weather_app (Public)

4 Branches 0 Tags

Commit History

Commit	Author	Time
MERGE pull request #27 from MERVEYILMZ/merge	MERVEYILMZ	6 minutes ago
add_changer_merve	MERVEYILMZ	7 minutes ago
scrapy solutions added	MERVEYILMZ	last week
add changes	MERVEYILMZ	last week
readme updated	MERVEYILMZ	3 days ago
add changes	MERVEYILMZ	last week
new scrapy version	MERVEYILMZ	last week
add_changer_merve	MERVEYILMZ	24 minutes ago
add changes	MERVEYILMZ	last week
new scrapy version	MERVEYILMZ	last week
add_changer_merve	MERVEYILMZ	24 minutes ago
new scrapy version	MERVEYILMZ	last week
add changes	MERVEYILMZ	last week
add doc string	MERVEYILMZ	3 hours ago
add diff with main	MERVEYILMZ	yesterday

README

InfoTech Weather Application (10-days challenge project)

07-02-2024 13:44:29

Selected Country: Netherlands Selected Weather: Westervoor

Westervoor, Gelderland, 15114

Last Updated on 07 Feb - 13:44

6.28°C 76% 1.54 m/s 08:07:15

FORECAST FOR NEXT 12 HOURS

Time	Weather	Temp
+2 HOURS	broken clouds	6.4°C
+6 HOURS	overcast clouds	6.3°C
+9 HOURS	overcast clouds	3.9°C
+12 HOURS	overcast clouds	3.1°C

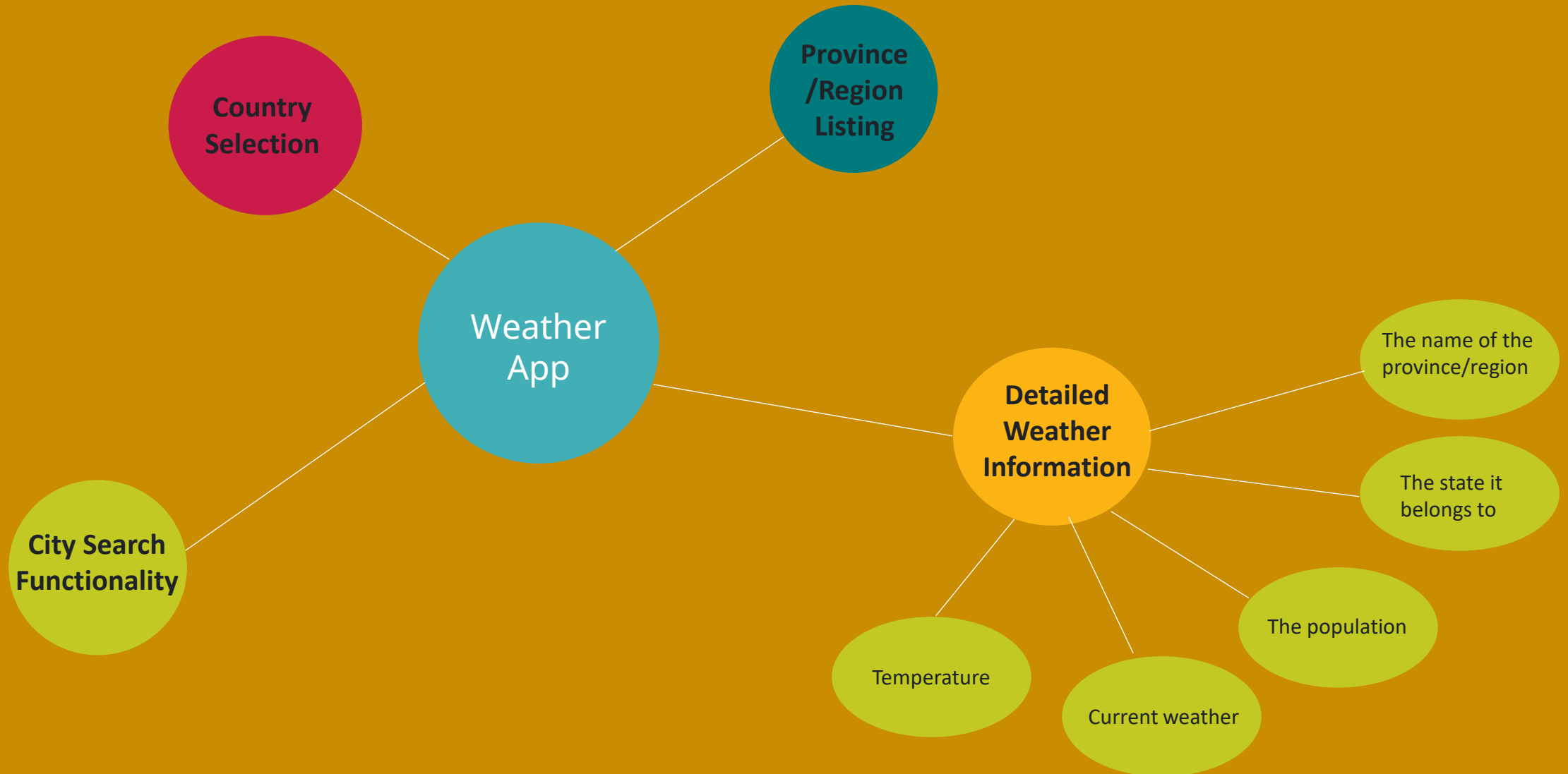
FORECAST FOR NEXT 5 DAYS

Date	Weather	Temp	Wind
08-02-2024	broken clouds	2.7°C	89% 6.06 m/s
09-02-2024	overcast clouds	10.1°C	89% 6.72 m/s
10-02-2024	overcast clouds	10.0°C	92% 4.63 m/s

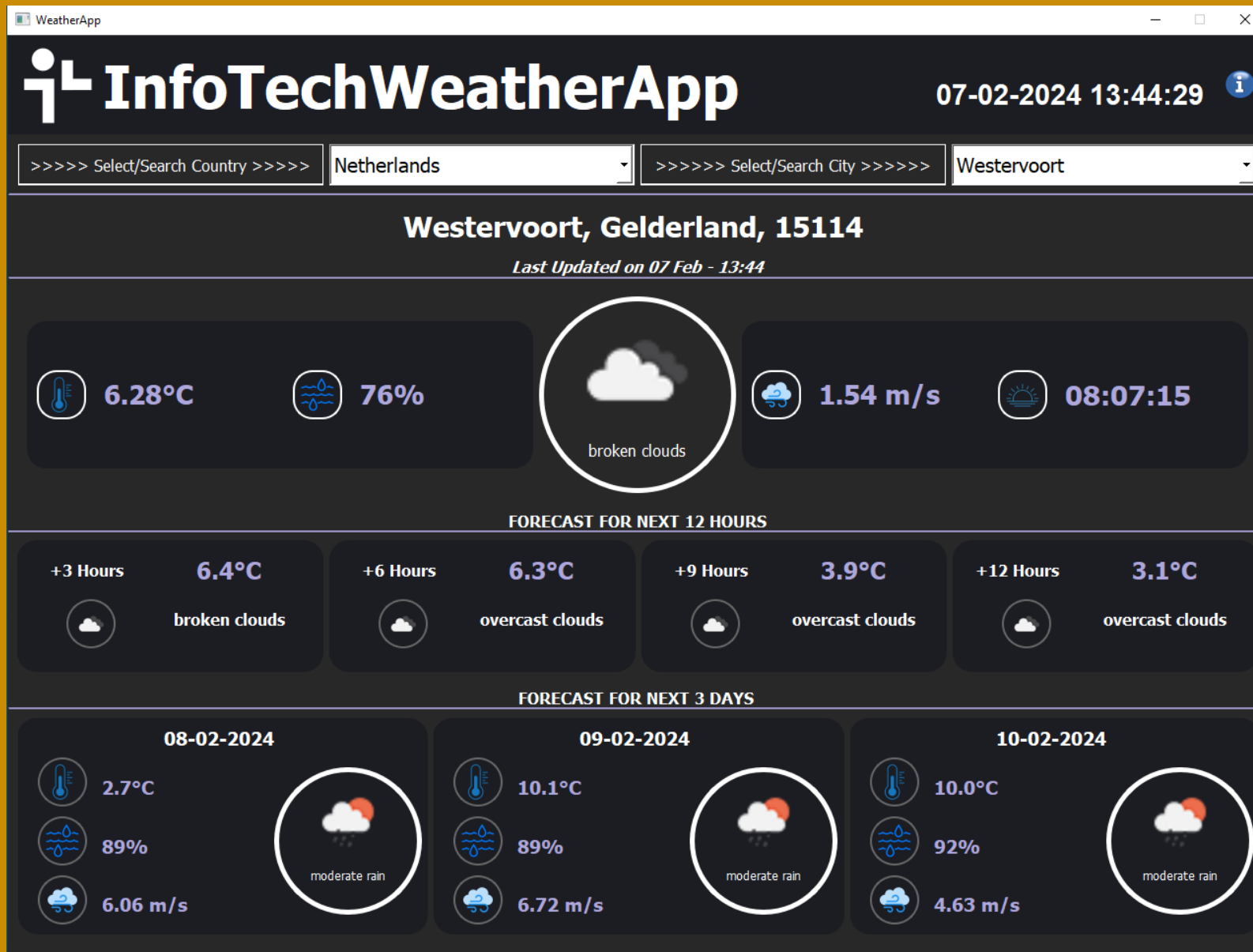
Suggested workflows

- Python package
- Python Package using Anaconda
- Publish Python Package

Features



User Interface



Feedback

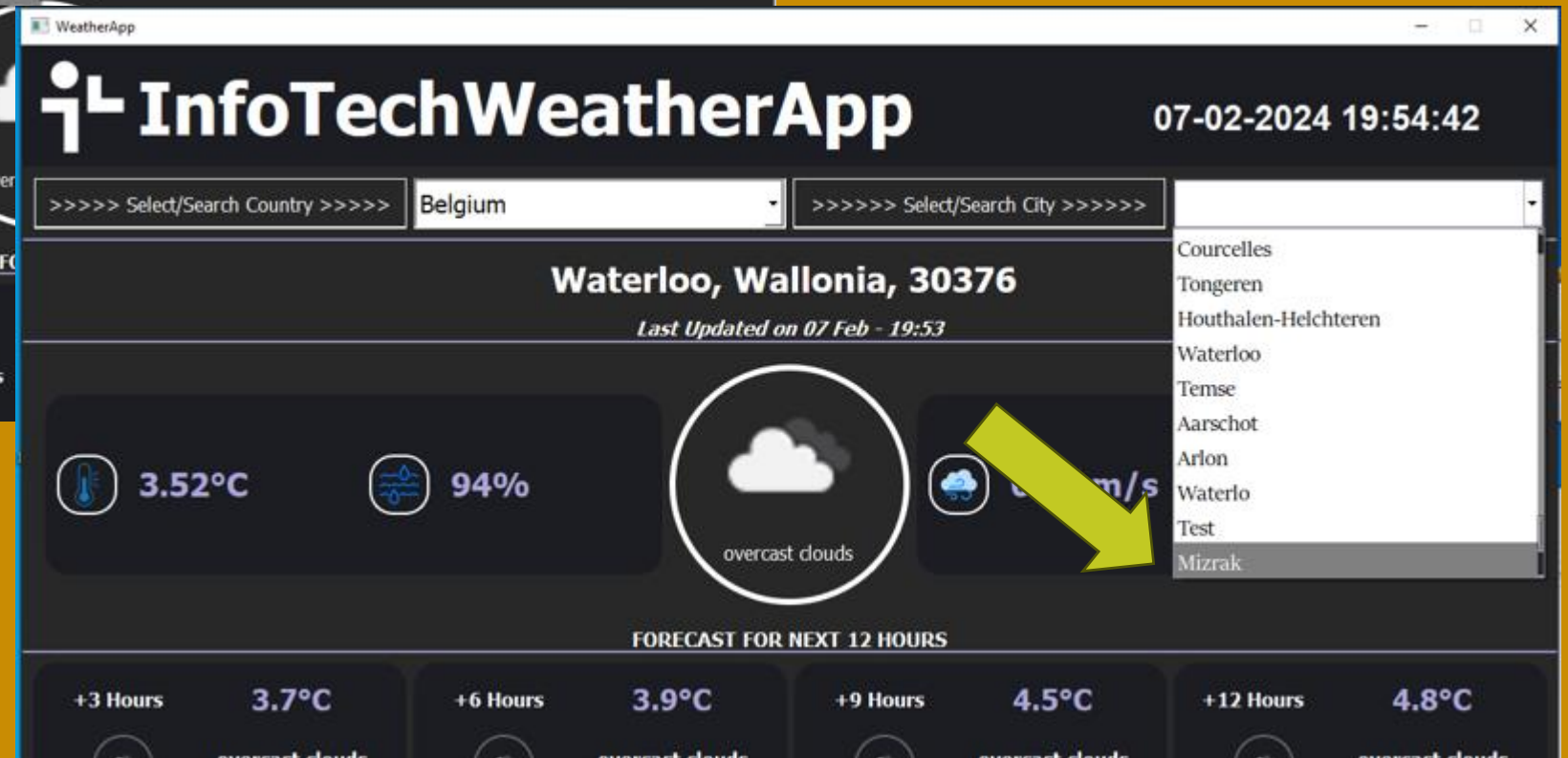
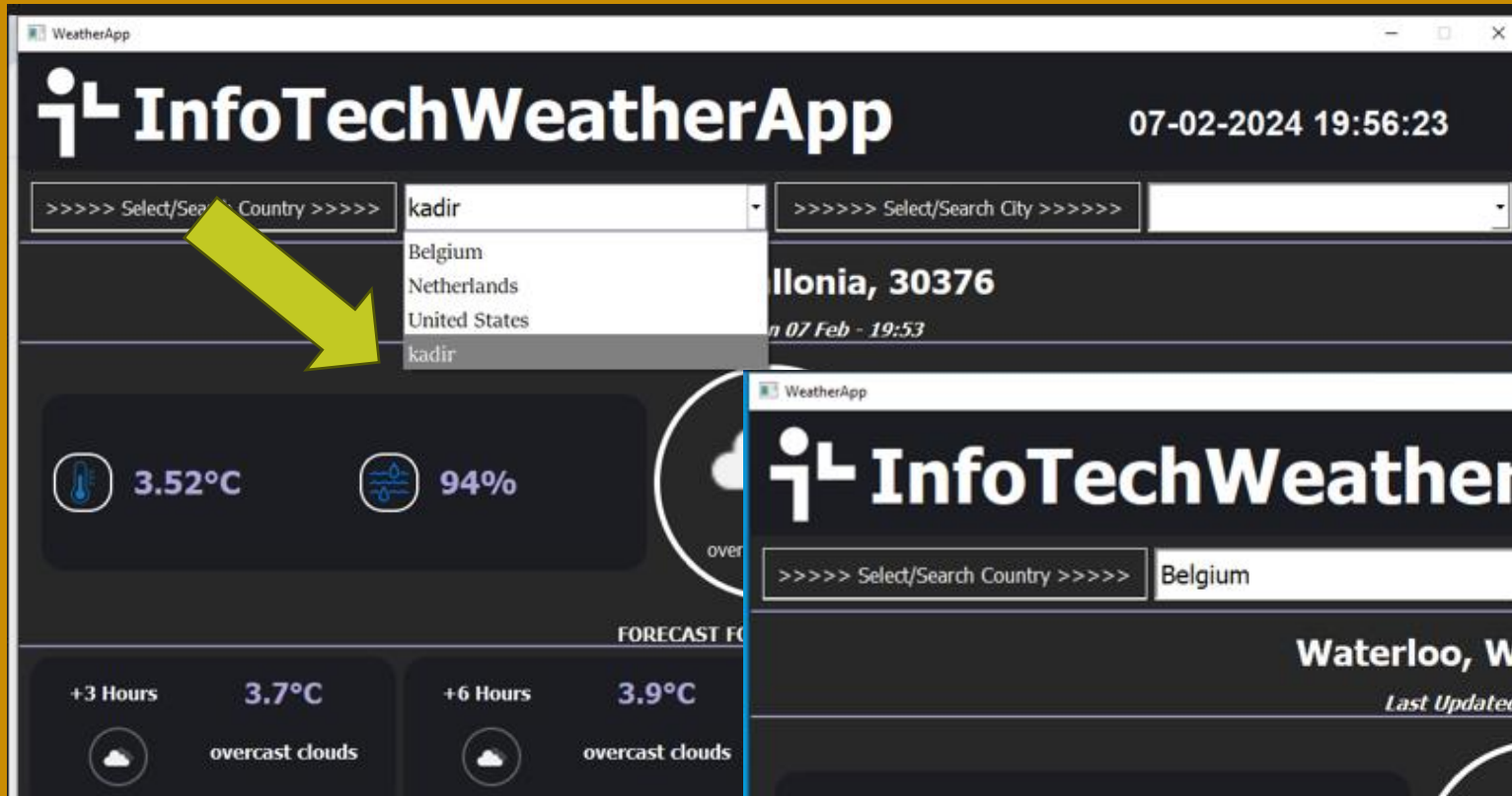
What went well

- Creative design and display
- Variety on cities within the country
- Catching setup

To improve

- Location does not change automatically to your recent location
- No full view

Feedback



We thank you for
listening...

Team 2