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Prof. Bruce Montgomery

CSCI 4448

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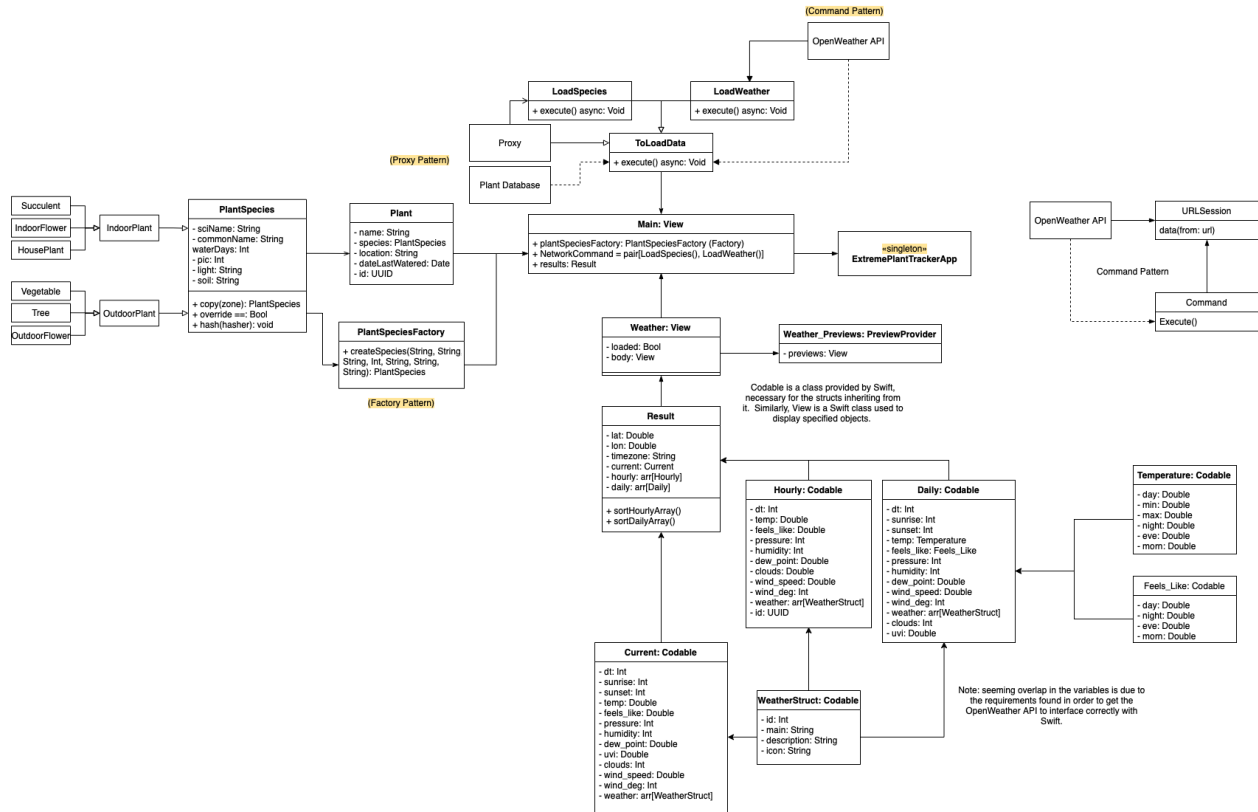
Project 6

GitHub: https://github.com/JarydMeek/CSCI-4448-Project/tree/main/Semester%20Project

Status Summary

- Work Done: Written description of the work done in the first week of your project and (in the case of multi-person teams) the breakdown of work across team members.
    - Isabel: Created and populated database on a server. Wrote a Python application to access data.
    - Noah: Found weather application and API calls to pull local weather data and included basic weather UI.
    - Jaryd: Accessed API created for our database and started handling data processing locally. Added saving for local user data.
- Changes or Issues Encountered: Has anything changed so far in your approach to the project from the initial design in Project 5?
    - Nothing really has changed since our initial design in project 5.
- Patterns: Now that you have more of your system implemented, please describe the use of design patterns so far in your prototype and how they are helping you or your design.
    - Proxy - access database and retrieve rows.
    - Singleton - create a single instance of the driver.
    - Command - Accessing APIs.
    - Factory Pattern - create plants for the user locally.

Class Diagram

Plans for Project 7

- With the APIs connected to the application, the next step is to actually display the information appropriately in the application.
  - More thorough weather visuals and recommendations
  - Show relevant information regarding plants