

Bookmarked

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Status Summary

Work Done:

Ella- For this iteration I worked on getting the bones of the website established. I haven't worked with Django or Python for web development before so most of the work done was a learning curve. I created the Django framework, views for the website, and base database that we will be using. I held off on fully fleshing out the database for this update because I wanted to be able to see in real time if the website would interact with it correctly.

Jules - For this iteration, I started to work on the structure of the classes, specifically focusing on the recipe aspect and its connection with directions and ingredients. For the most part, I have just been following and focusing on implementing what

Issues:

Ella- Learning how Django worked was quite the challenge at first, but with the help of some documentation, I was able to figure out how it is interacting with everything. My main challenge was trying to figure out how the URLs of different pages of Bookmarked interacted with each other and how to get them to link.

Jules - Debugging the classes that I have built. The foundation is there but the connections are quite working correctly.

Changes:

So far I haven't needed to make any changes to the design of the website. I do predict possibly having to change the recipe decorator to a different format, however nothing major, just tweaks to follow the UML.

Patterns:

Because most of the pattern work relies on the database being established, we have not been able to implement it quite yet, however we are still following the UML from the project 5 update.

While implementing the views of the website, I saw that we could possibly implement the prototype pattern into the recipe creation side of the website, as all recipes have the same standard layout in the beginning.

Observer:

I plan on implementing the observer pattern to display a pop-up any time a recipe has been added or removed from the app. This will not only let the user know that the process has been successful, but act as a test as well

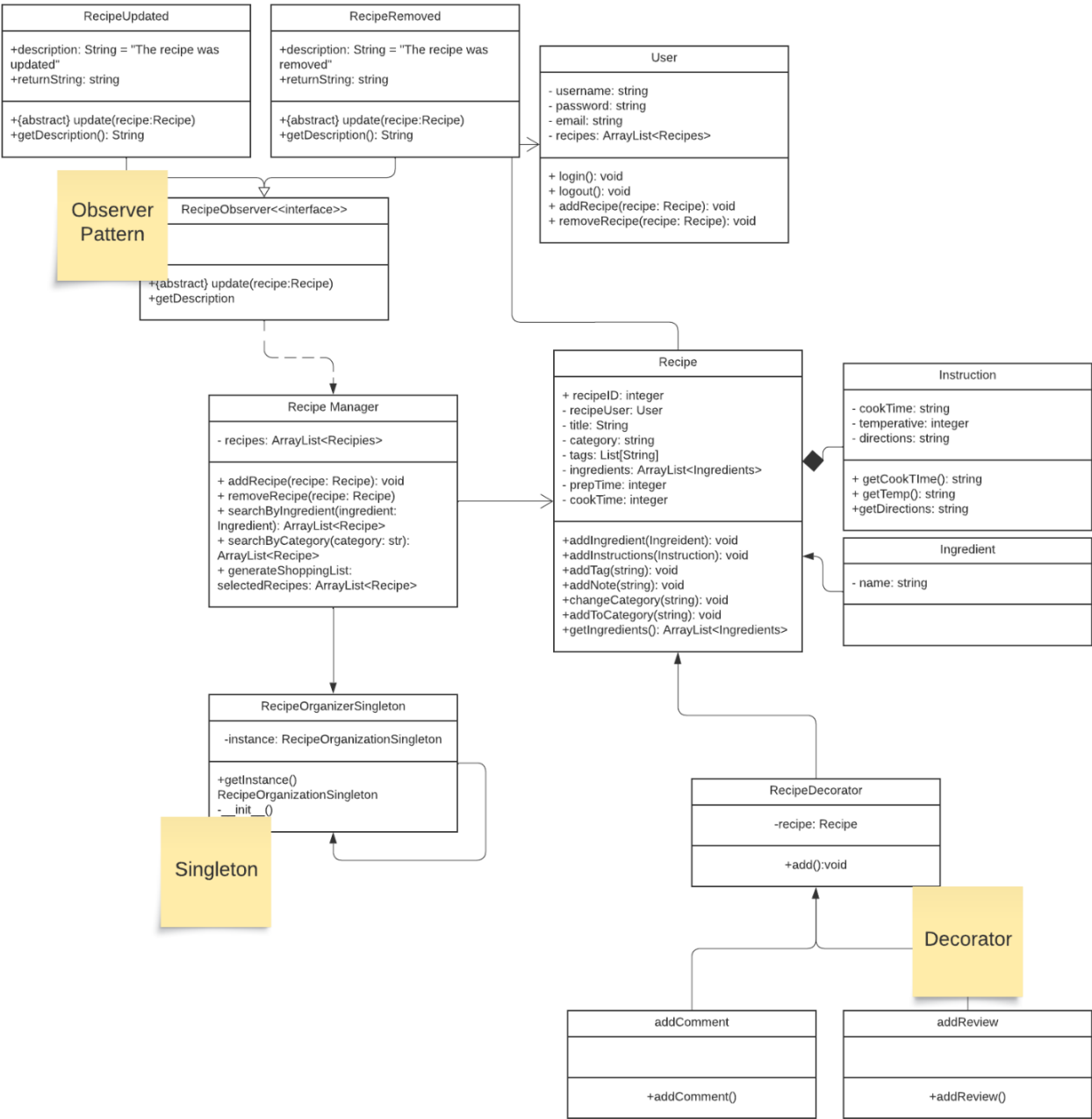
Decorator:

For the decorator, we can use it to add reviews or comments about recipes. This would be able to be seen in the "More" section of the recipe card.

Singleton:

The approach to the singleton pattern will be that it will organize all the recipes upon creation.

Class Diagram



Next Iteration

For the next iteration, we plan on fully implementing the database to be able to incorporate our design patterns into the application as well as making it as cohesive as possible. I am not too familiar with databases so I'm going to try and start as early as possible to make sure that I give myself enough time for any challenges that might occur. Luckily there is lots of documentation on the Django site to help navigate how to approach incorporating a database into the project.