Sprint 4 Plan for 5/17 - 5/31

CSE 115A
Team Name: TheGoodPlates

Goal:

The goal of Sprint #4 is to return the list of restaurants that give user preferences on cuisine, as well as location. The app should have the option to return the closest to the farthest restaurants followed by preference and the location that the user inputs. We'll also add more functions for users, especially price options. Moreover, we'll try to save users' preferences in local storage so that users do not have to worry about their information getting hacked and save it for future reference. In addition, formatting the overall website to match the style together is one of the biggest goals of the sprint.

User Story 1:

As a user, I want to be able to browse restaurants within my chosen price range

- Create a price range filter UI on the preference section. **1 hour**
- Connect the filter with the Yelp API. **1 hour**
- Rearrange the restaurants according to the price filter. **1 hour**

User Story 2:

As a user, I want to be able to receive accurate restaurant recommendations so I can choose where I want to eat.

- Decide/implement how a like / dislike of one restaurant affects the unliked restaurant. **2 hour**
- Decide/implement on how the algorithm will handle multiple similar preferences/likes. **2 hour**
- Decide on how outliers will be addressed. **2 hour**
- Decide on priority list implementation style. **2 hour**

User Story 3:

As someone who doesn’t like repeating myself, I want my profile to save my preferences and location.

- Use local storage to store all of the user's information. **2 hours**
- Create a container for every type of information we need to store. **3 hours**
- Use the stored information to automatically input saved preferences for the user. **3 hours**

User Story 4:

As a user who usually likes to search for the restaurant near me, I would like to have a function that automatically finds restaurants near my location

- Learn how to use Google Map/Yelp Map API to find my current location. **2 hour**
- Connect the location section on the website according to the current user location. **2 hour**

User Story 5:

As a user, I would like to have an auto-fill function for the location search bar so that I won't need to type the whole location address all the time

- Connect the search bar with the Google Map API. **2 hour**
- Format the address that matches the format of the Yelp API address. **1 hour**
- Give the search bar a placeholder so that users can type according to the format and be able to auto-fill their location. **1 hour**

User Story 6:

As a user, I want to have a mini-map displayed on the screen so that I can see the liked restaurants around me.

- Connect the search section with the Google Map API. **2 hour**
- Have a mini-map screen displayed on the location section regardless of the location. **1 hour**

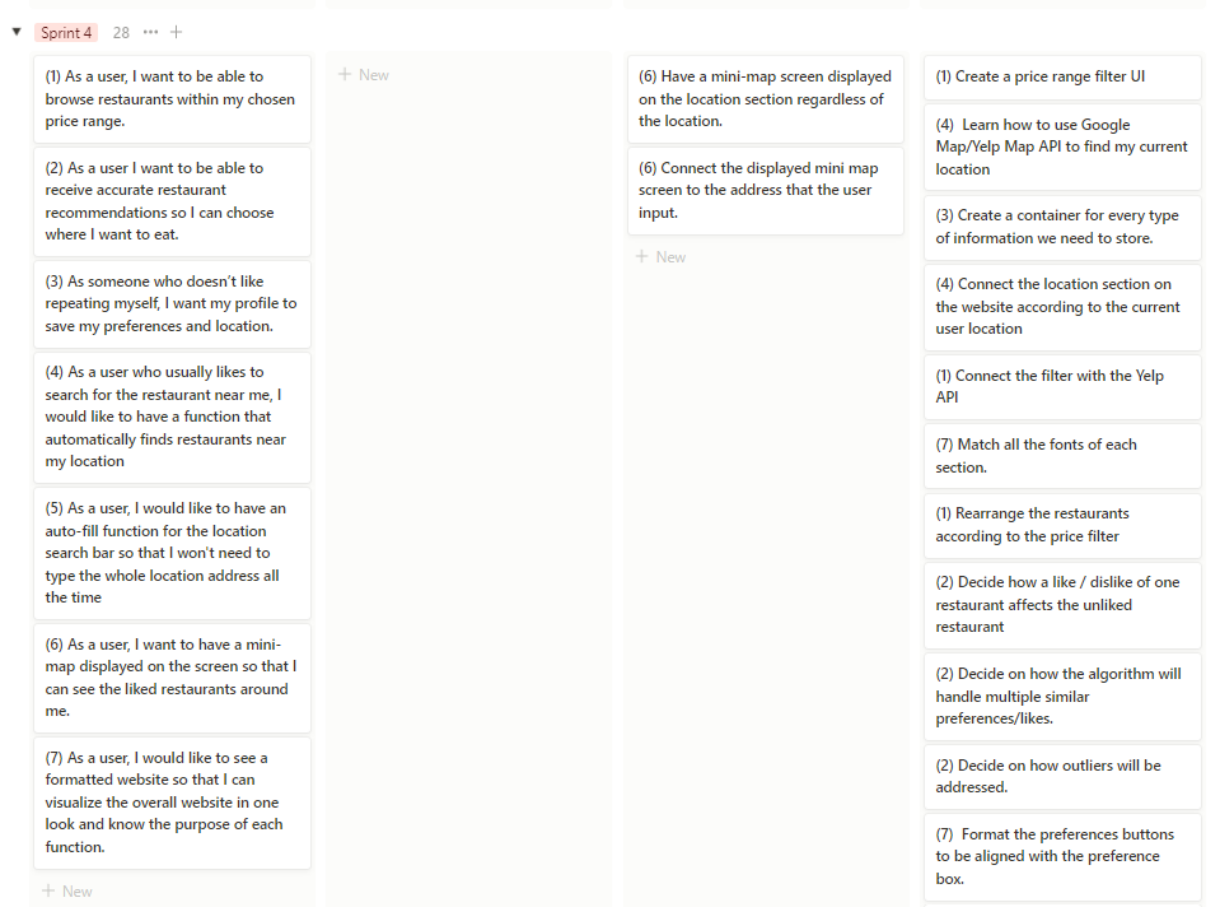
- Connect the displayed mini map screen to the address that the user input. **2 hour**

User Story 7:

As a user, I would like to see a formatted website so that I can visualize the overall website in one look and know the purpose of each function.

- Format the preferences buttons to be aligned with the preference box. **1 hour**
- Normalize the size of the photos in the liked restaurant section. **1 hour**
- Match all the fonts of each section. **1 hour**
- Align the images and text on one line. **1 hour**
- Fix recommendation page. **1 hour**
- Hide recommended and liked section when there are no options **1 hour**

Initial Scrum Board:



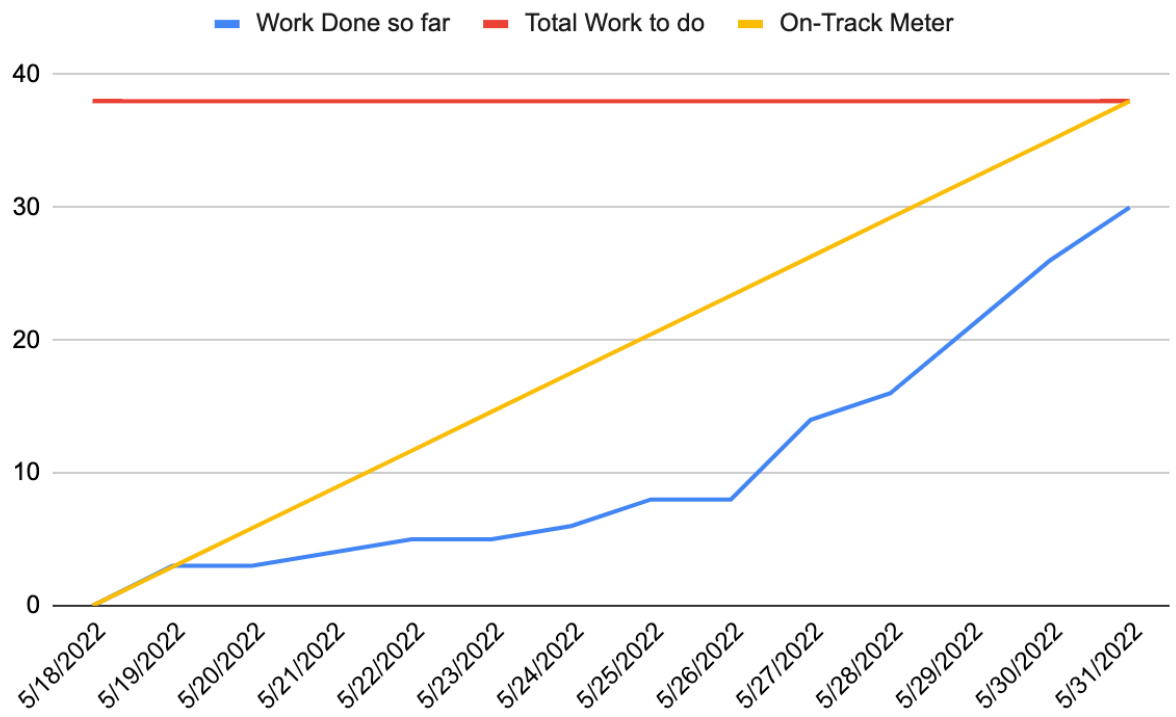
Team Roles:

He-Jin - Product Owner / Developer / UI Expert
Alex - Backend expert / UI Beginner
Becky - Developer/ UI Expert
Maria - Developer/ UI Expert / Scrum Master (second week of Sprint 3)
Claude - Developer/ UI Expert
Ryan - Developer/ UI Expert

Initial task assignment:

He-Jin - User Story 3, User Story 5, User Story 7
Becky - User Story 1, User Story 7
Maria - User Story 4, User Story 5, User Story 7
Claude - User Story 7
Ryan - User Story 3, User Story 7
Alex - User Story 2, User Story 5, User Story 7

Initial Burnup chart:



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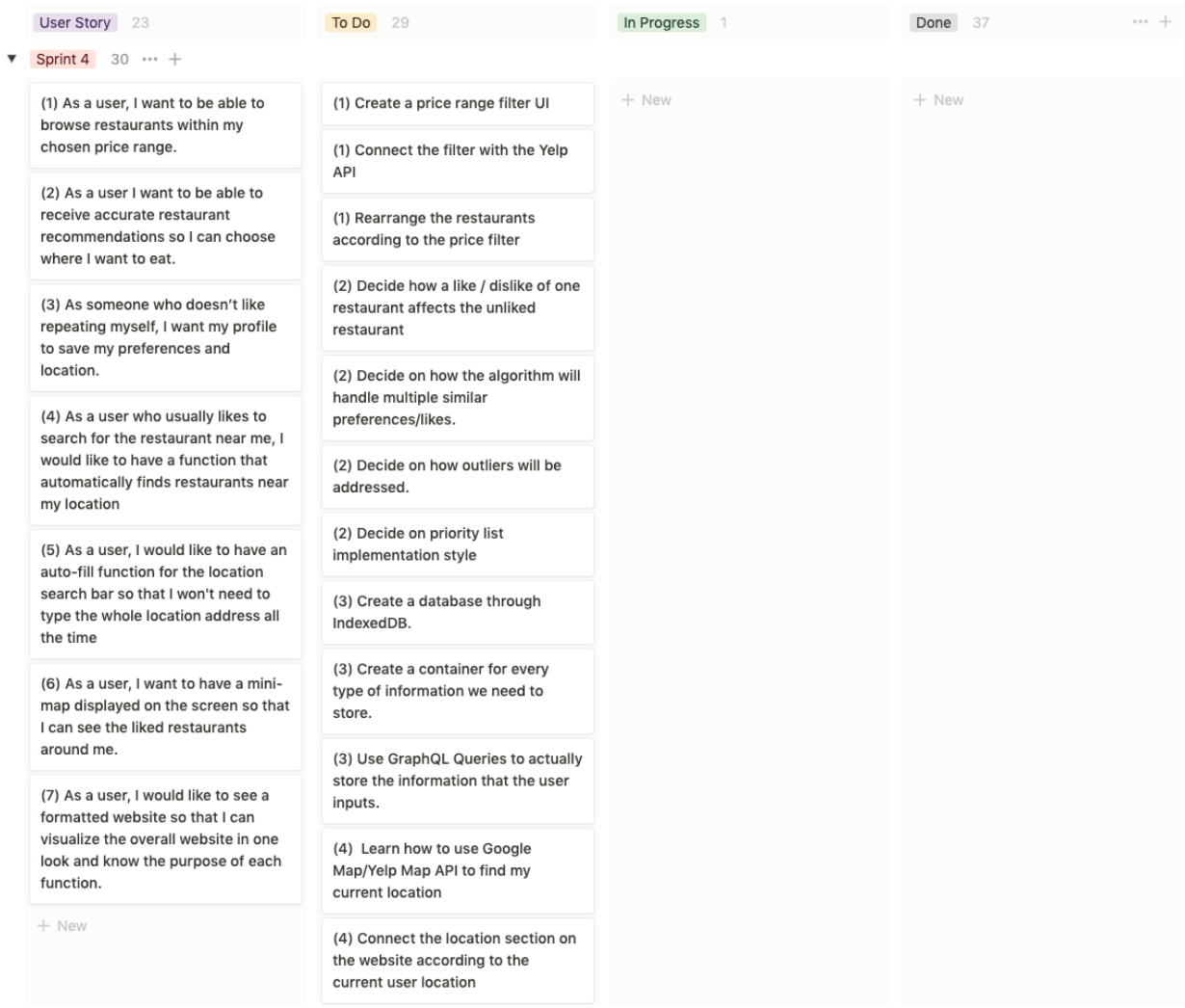

Scrum Times:

(It is subject to change depending on teammates' schedules)

1. Tuesday 2-3 pm
2. Wednesday 3 - 3:45 pm
3. Saturday 3 - 4 pm