Sprint 3 Plan for 5/3 - 5/17

CSE 115A
Team Name: TheGoodPlates

Goal:

The goal of Sprint #3 is to make all the filters connect so that the user can narrow down the restaurants they might like. They will be able to see the history of what they liked and store the information, the user will be allowed to create their own account.

User Story 1:

As a user, I want the recommended restaurants to cater to my preferences and location so that I can look through the restaurants based on that.

- Save location and preference information **2 hours**
- Combine and format the list of preferences into one string to be sent to yelp API **2 hours**
- Send the information to the Yelp API from the cuisine buttons to get a list of restaurants **2 hours**
- Send the information to the Yelp API for a list of restaurants that are requested by the search bar **2 hours**
- Format the all the requested information in order **2 hours**

User Story 2:

As someone who cares about their online security, I would like to have a private profile to use the website.

- Learn how to use IndexedDB and GraphQL. **5 hours**
- Create another section on the page that includes simple user login and register UI. **2 hours**
- Use GraphQL to connect user input to a temporary database. **5 hours**
- Format the UI to fit the theme of the webpage. **3 hours**

User Story 3:

As someone who doesn't like repeating myself, I want my profile to save the information I input

- Create a database through IndexedDB. **2 hours**
- Create a container for every type of information we need to store. **3 hours**
- Use GraphQL Queries to actually store the information that the user inputs. **3 hours**

User Story 4:

As a user, I want to have access to my saved information to check if I input it correctly

- Use cookies using IndexedDB to get session identifiers from users. **2 hours**
- Figure out how to use the session identifier to access the database for user info. **3 hours**
- Use GraphQL queries to pull out the list of liked restaurants. **3 hours**
- Use the information gained from the queries to customize what the user sees on the webpage (show their previously liked restaurants). **3 hours**

User Story 5:

As a user, I would like my recommendations to evolve based on my likes/dislikes.

- Figure out how to input the list of restaurants to the algorithm **2 hours**
- Design the algorithm itself **5 hours (Everyone's task)**
    - https://docs.google.com/document/d/18jqUKZWtFSzXJeRqe5u9bN6ovDCRoqOnyfzCzaJhTBk/edit?usp=sharing
      - link for algorithm breakdown
- Figure out how to apply the output information. **2 hours**

User Story 6:

As a user who has already chosen some restaurant types based on my preferences, I want to see the history of restaurants I have liked.

- Connect list of liked restaurants to “liked restaurants” page **2 hours**
- Transfer liked restaurants from the recommendations component to the parent component **2 hours**
- Transfer the information about the restaurants to the “liked restaurants” page **1 hour**

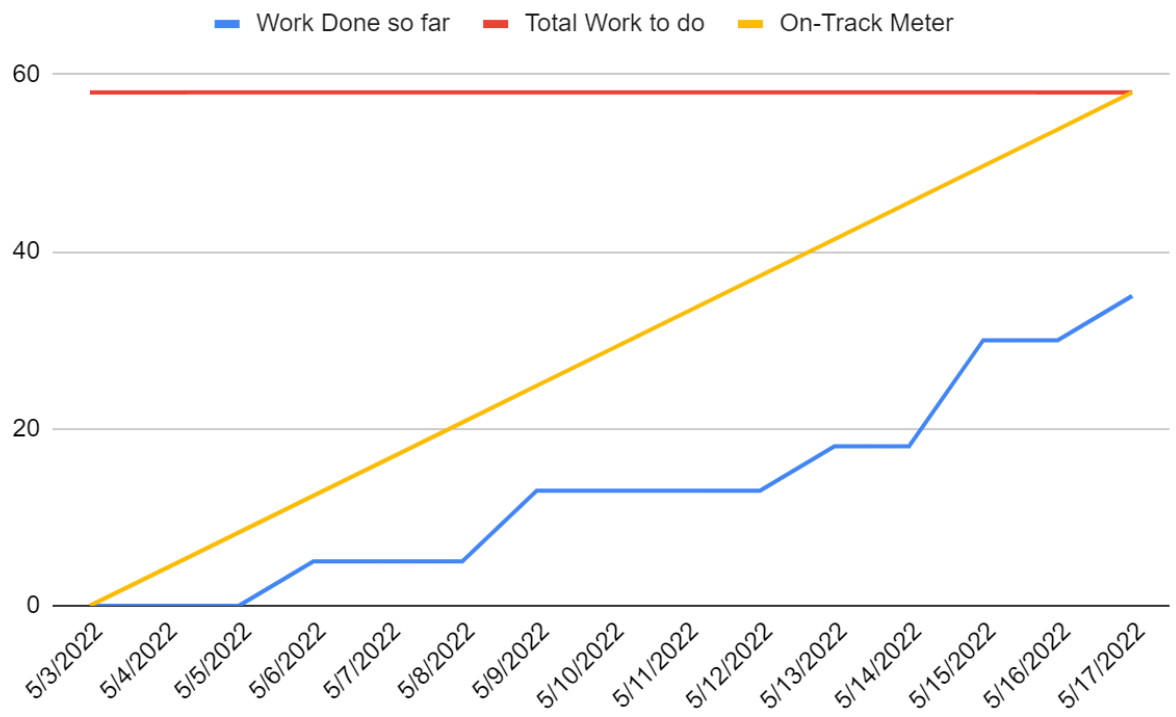
Team Roles:

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

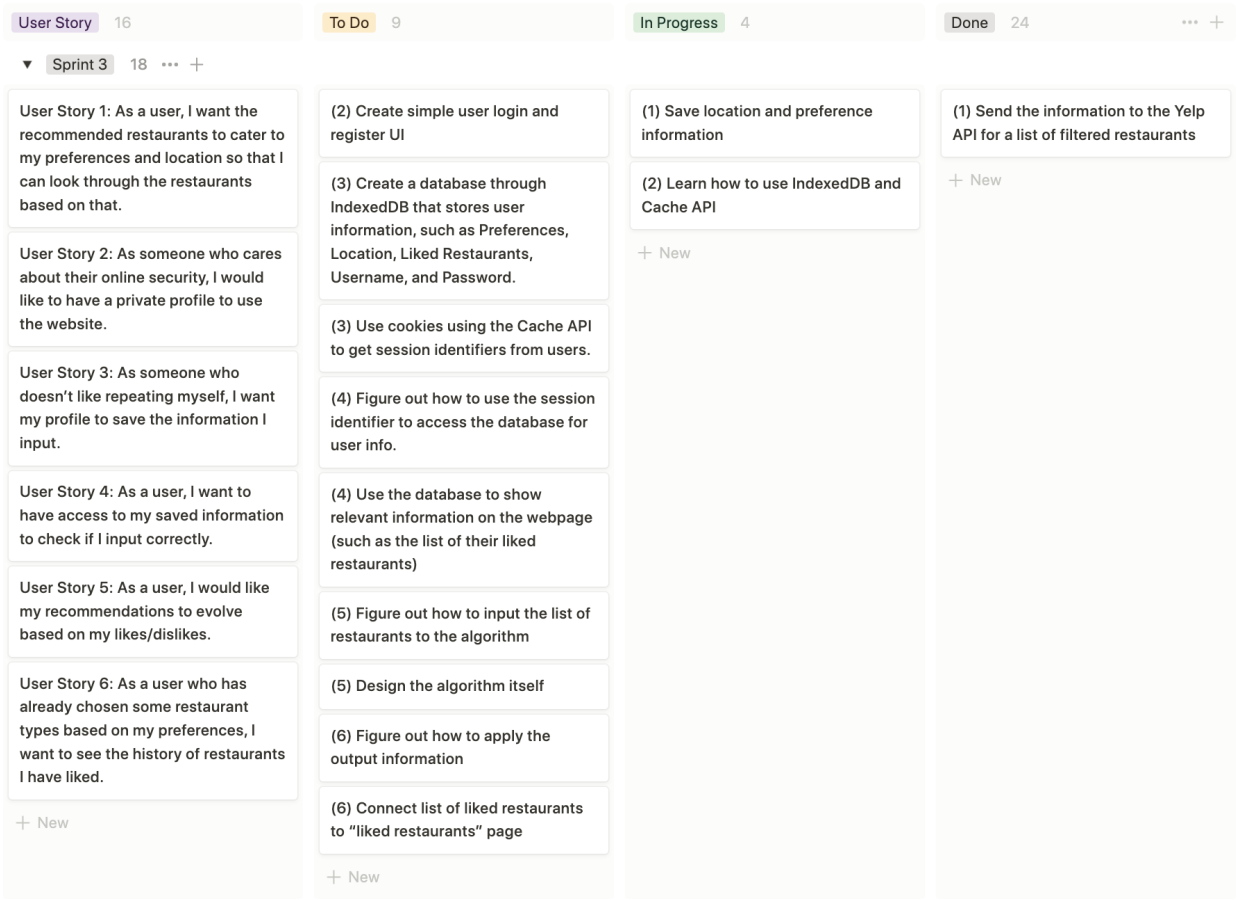
Initial task assignment:

He-Jin - User Story 1, 2, 3, 4 User Story 5 (Task 2)
Becky - User Story 1, 6, User Story 5 (Task 2)
Maria - User Story 1 (Task 1,4,5) User Story 5 (Task 3)
Claude - User Story 2, 3, 4, User Story 5 (Task 2)
Ryan - User Story 2, 3, 4, User Story 5 (Task 2)
Alex - User Story 1 (Task 2), User Story 4, User Story 5 (Task 1, 2), User Story 6

Initial Burnup chart:



Initial Scrum Board:



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