Sprint 2 Plan for 4/18 - 5/2

CSE 115A
Team Name: TheGoodPlates

Goal:
The goal of Sprint #2 is to have a working UI for the user to enter their desired keyword and location, and return a list of the resulting restaurants around them. By the end, we should be able to correctly call the YELP API and have a working UI.

User Story 1:

As someone who is hungry, I want to enter my location so that I can see what restaurants are nearby.
- Create a search bar for users to enter their location. **3 hours**
- Connect the search bar to the web to gather restaurant location information. **4 hours**

User Story 2:

As a user, I want to enter my preferences, such as Italian or Mexican, so that I can see restaurants I am interested in.
- Create buttons with set preferences on them. **2 hours**
- Create an input form/bar so users can type their own preferences. **3 hours**
- Connect buttons and search bar so it returns the corresponding restaurants. **5 hours**

User Story 3:

As a user, I want to be able to set a custom maximum distance so that I can decide how far I am willing to go for my food.
- Add UI to allow the user to set a new maximum distance. **3 hours**
- Use the location information to filter all restaurants outside of the new

maximum distance. **2 hours**

User Story 4:

As a user, I would like to have the ability to like/dislike restaurants for future reference.
- Create a bare-bones page that displays recommendations one by one. **3 hours**
- Use all of the information gathered from the user to output one of the restaurants still remaining in the list. **3 hours**
- Style the recommendation page. **3 hours**

User Story 5:

As a user, I would like to be able to see all of the restaurants that I have liked already so that I can decide where to go
- Create a new landing page for the liked restaurants. **3 hours**
- Connect the like/dislike buttons to the backend to record user inputs. **2 hours**
- Use backend information to show all of the users' liked restaurants. **2 hours**

Team Roles:

He-Jin - Product Owner / Developer / UI Expert
Alex - Developer/ Scrum Master
Becky - Developer/ UI Expert
Maria - Developer/ UI Expert
Claude - Developer/ UI Expert
Ryan - Developer/ UI Expert

Initial task assignment:
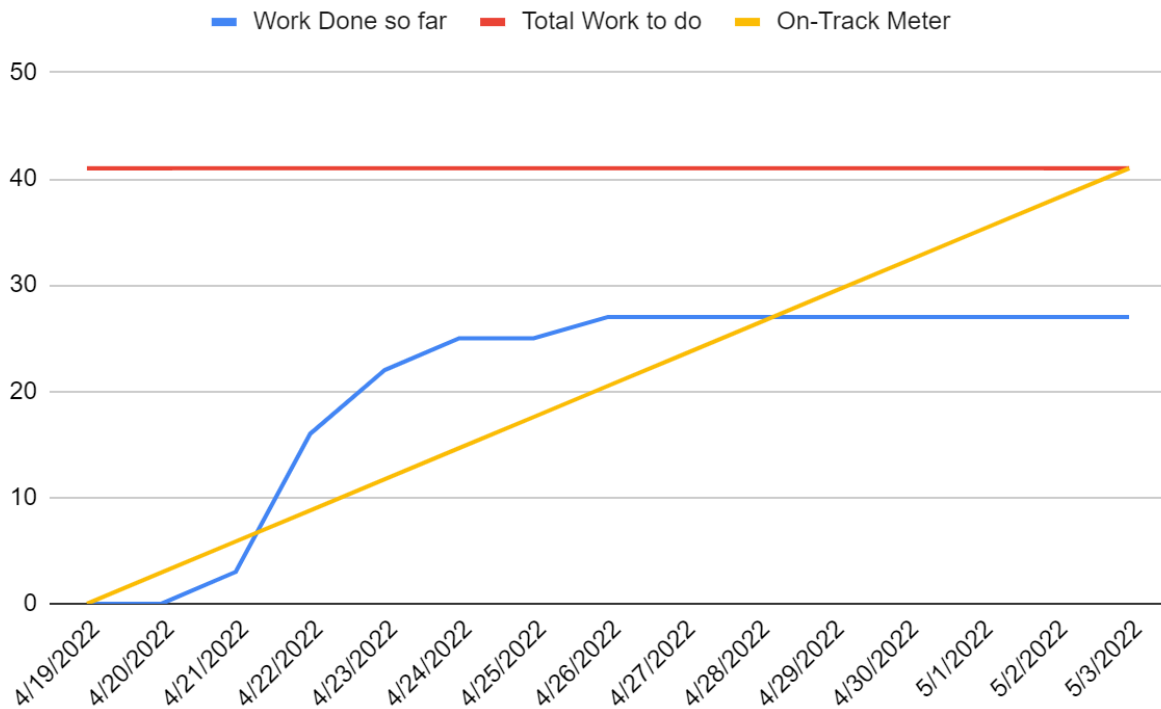
He-Jin - User Story 4 task 1 & 2 &3
Becky - User Story 3 task 1 & 2
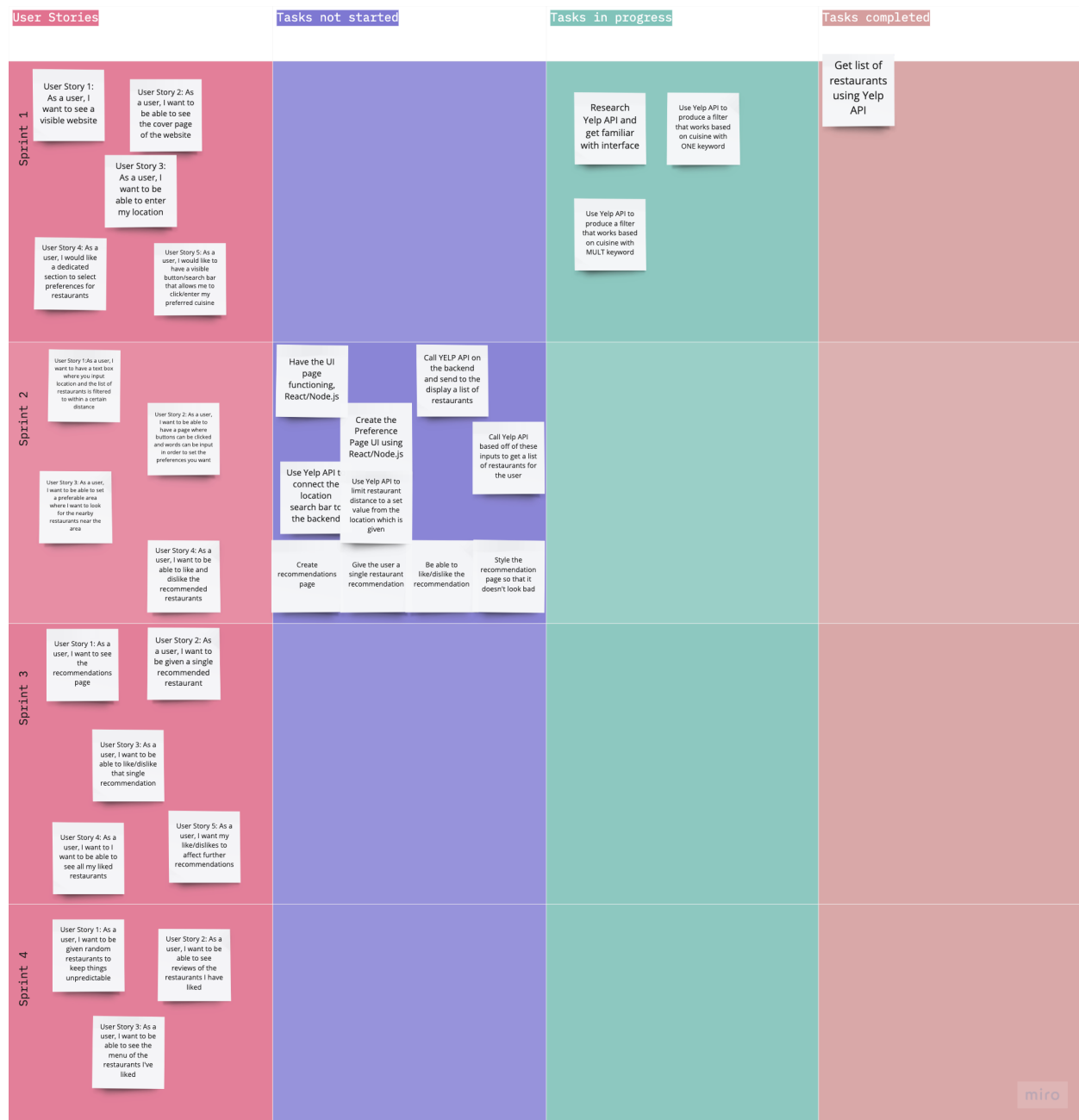Maria - User Story 1 & 3, yelp location + ui tasks
Claude - User Story 3 task 1&2, recommendation page style

Ryan - User Story 2: Task 1 & Task 2, Preferences Page and working buttons
Alex - User Story 1 task 2, User Story 2 task 3: Call yelp in the backend and be able to send it to the frontend

Initial Burnup chart:

Initial Scrum Board:

User Stories	Tasks not started	Tasks in progress	Tasks completed

Sprint 1

User Story 1: As a user, I want to see a visible website

User Story 2: As a user, I want to be able to see the cover page of the website

User Story 3: As a user, I want to be able to enter my location

User Story 4: As a user, I would like a dedicated section to select preferences for restaurants

User Story 5: As a user, I would like to have a visible button/search bar that allows me to click/enter my preferred cuisine

Tasks in progress:
- Research Yelp API and get familiar with interface
- Use Yelp API to produce a filter that works based on cuisine with ONE keyword
- Use Yelp API to produce a filter that works based on cuisine with MULT keyword

Tasks completed:
- Get list of restaurants using Yelp API

Sprint 2

User Story 1: As a user, I want to have a text box where you input location and the list of restaurants is filtered to within a certain distance

User Story 2: As a user, I want to be able to have a page where buttons can be clicked and words can be input in order to set the preferences you want

User Story 3: As a user, I want to be able to set a preferable area where I want to look for the nearby restaurants near the area

User Story 4: As a user, I want to like and dislike the recommended restaurants

Tasks not started:
- Have the UI page functioning, React/Node.js
- Create the Preference Page UI using React/Node.js
- Use Yelp API t connect the location search bar to the backend
- Call YELP API on the backend and send to the display a list of restaurants
- Use Yelp API to limit restaurant distance to a set value from the location which is given
- Call Yelp API based off of these inputs to get a list of restaurants for the user
- Create recommendations page
- Give the user a single restaurant recommendation
- Be able to like/dislike the recommendation
- Style the recommendation page so that it doesn't look bad

Sprint 3

User Story 1: As a user, I want to see the recommendations page

User Story 2: As a user, I want to be given a single recommended restaurant

User Story 3: As a user, I want to be able to like/dislike that single recommendation

User Story 4: As a user, I want to I want to be able to see all my liked restaurants

User Story 5: As a user, I want my like/dislikes to affect further recommendations

Sprint 4

User Story 1: As a user, I want to be given random restaurants to keep things unpredictable

User Story 2: As a user, I want to be able to see reviews of the restaurants I have liked

User Story 3: As a user, I want to be able to see the menu of the restaurants I've liked

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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