Sprint 3 Plan
PantryPal
July 17, 2023 - July 21, 2023
Revision: 1.0.0
Revision date: July 9, 2023

Goal: Build on the web app so that it is able to take a user input and be able to filter by number of results, only find recipes with ingredients given, while also allowing filters such as a nut-free option.

User Story:

- **As a user, I want to be able to see a list of possible ingredients to be able to quickly add ingredients (3)**
    - UI to display possible ingredients **(3)**
- **As a user, I want to filter by the number of results (3)**
    - Number input to set ?n= **(3)**
- **As a user, I want to be able to only find recipes with the ingredients I have (3)**
    - Button to toggle "only ingredients" **(3)**
- **As a user, vegetarian and nut allergies (3)**
    - A Button to toggle for vegetarian options or nut allergies options **(3)**
- **As a user I want to receive responses from the api if my input is invalid so I can correct it (2)**
    - Parse the ingredients from server input (**2**)
- **As a user I want to receive responses from the api for vegetarian options and nut allergies option (3)**
    - Add query for vegetarian options and nut allergies options (**3**)
- **As a user that has nut allergies, I want to be able to only receive recipes that don't have nuts in them that can be made with the ingredients I input. (6)**
    - Preprocess dataset with nut-free recipes **(3)**
    - Tune model to best generate valid no nut recipes **(3)**

Team roles:
- **Sayak:** Product Owner, Frontend Developer
- **Aaron:** Backend Developer
- **Yera:** Frontend Developer
- **Hisham:** Frontend Developer
- **Raghavendra:** Scrum Master, ML engineer
- **Zhengheng:** Scrum Master, ML engineer

Initial task assignment:
- **Sayak:** As a user, I want a variety of recipes based off the ingredients I input
- **Aaron:** As a user I want to receive responses from the api for vegetarian options and nut allergies option

- **Yera:** As a user, I want a user interface that has a formatted list of recommendations and also responses for errors that I've made
- **Hisham:** As a user, I want a user interface that has a formatted list of recommendations and also responses for errors that I've made
- **Raghavendra:** As a user that has nut allergies, I want to be able to only receive recipes that don't have nuts in them that can be made with the ingredients I input.
- **Zhengheng:** As a user that has nut allergies, I want to be able to only receive recipes that don't have nuts in them that can be made with the ingredients I input.

Initial Scrum Board:
https://pantrypal.atlassian.net/jira/software/projects/SCRUM/boards/1
(Screenshot was taken at the end of the sprint)

Projects / Pantry Pal

SCRUM Sprint 3

ZL · RR · HH · +2

TO DO 7

create a dataset with nut-free recipes

✅ SCRUM-21   3   ZL

Parse the ingredients from server input

✅ SCRUM-22   2

Add query for vegetarian options and nut allergies options

✅ SCRUM-27   3

Tune model to best generate valid nut-free recipes

✅ SCRUM-23   3   RR

Add a drop down menu for dietary filters

✅ SCRUM-24   2   HH

UI to display possible ingredients

✅ SCRUM-26   3   SD

Number input to set ?n=

✅ SCRUM-25   3   YS

IN PROGRESS

DONE ✓

Chart: (needs to be added later in the sprint review)

SCRUM Sprint 3 18 Jul – 23 Jul (7 issues)		0 0 **19** Complete sprint ···
☑ SCRUM-21 create a dataset with nut-free recipes	3 DONE ⌄ ZL	
☑ SCRUM-22 Parse the ingredients from server input	2 DONE ⌄	
☑ SCRUM-27 Add query for vegetarian options and nut allergies options	3 DONE ⌄	
☑ SCRUM-23 Tune model to best generate valid nut-free recipes	3 DONE ⌄ RR	
☑ SCRUM-24 Add a drop down menu for dietary filters	2 DONE ⌄ HH	
☑ SCRUM-26 UI to display possible ingredients	3 DONE ⌄ SD	
☑ SCRUM-25 Number input to set ?n=	3 DONE ⌄ YS	
+ Create issue		

Scrum Times:

Mondays: 6-7pm, Wednesdays: 5-6pm, Fridays: 5-6pm