

## **Release Plan**

### **PantryPal**

#### **High level goals:**

- Be able to input a list of ingredients and get some related recipes from Allrecipes back.
- Be able to filter recipes based on diet type (vegetarian, vegan, allergies, etc.).
- Be able to have the options to receive recipes with only the ingredients inputted.
- Be able to login and save recipes.

#### **User stories:**

- **Sprint 1:**
  - As a user, I want a user interface to input my ingredients.
  - As a user, I want a variety of recipes based on the ingredients I listed
  - As a user, I want to receive recipes recommendations without having to build the ml model myself
  - As a user, I want to receive relevant recipe recommendations that can be made with the current ingredients that I have.
- **Sprint 2:**
  - As a user, I want a user interface that has a formatted list of recommendations and also responses for errors that I've made
  - As a user, I want a variety of recipes based off the ingredients I input
  - As a user, I want to receive recipe recommendations through the user interface
  - As a user that's vegetarian, I want to be able to only receive vegetarian recipes that can be made with the ingredients I input.
- **Sprint 3:**
  - As a user, I want to be able to make mistakes in my input and get a response that I've made a mistake
  - As a user, I want to be able to see a list of possible ingredients to be able to quickly add ingredients
  - As a user, I want to receive responses from the api if my input is invalid so I can correct it
  - As a user that has nut allergies, I want to be able to only receive recipes that do not contain nuts that can be made with the ingredients I input.

#### **Sanity Check:**

The release plan is within the team's capacity. All of us are familiar with the technologies and frameworks we plan to use to build out this product so we will not have to commit much time to spikes and learning. The workload is definitely doable in the timespan given to us, however, we might not be able to get to the extra features which are currently in the product backlog. Completion of the product backlog will depend solely on how our sprints go and how much work is completed. The work distribution is reasonably spread out across all the sprints.

#### **Product Backlog:**

- As a user, I want to be able to filter the recipes I receive based on any type of diet or allergies I have.
- As a user, I want to be able to have the option to receive recipes with only the ingredients inputted.
- As a user, I want to be able to login and save the recipes I receive.