Release Plan
Smartmeal
Smart team
Smartmeal
Release Date: 3/14/2023
Revision number: 1
Revision date: 2/3/2023

High Level Goals:
Users create and customize their own meal plans
Users can search other public meal plans
Users can view and edit their meal plans in their library
From a meal plan generate a grocery list of ingredients

User stories for release:
Sprint 1:
- Login page
  - As a returning user, I want to log in so that I can see my specific meal plans. (5)
- Home page with the days of the week
  - As a user, I want to see what meals I have planned for the days of the week so I can have a general overview of them. (4)
- Adding meals to the days of the week
  - As a user, I want to be able to add meals to my weekly schedule so I can plan out my food for the week. (4)

Sprint 2:
- Allow users to add their own recipes
  - As a user, I want to be able to add my own recipes for meals so that I and other users can use them
- Users can search other public meal plans
  - As a user, I want to see other users' meal plans so that I can use them myself if they match my preferences
- Alternatives to ingredients in recipes
  - As a user, I want to be able to find alternatives to ingredients in a recipe so that I am not forced to use specific ingredients for meals.
- From a meal plan, generate a grocery list of ingredients needed
  - As a user, I want to know what ingredients I need to make the meal plans I have planned out so that I know what to buy when going to the grocery store

Sprint 3:
- Search for public meals
  - As a user I want to see what meals other people are making to get inspiration for something new to eat
- View and edit meal plans
  - As a user I want the ability to see my own meals and edit them over time

- Filter meals by price, calories, ingredients
  - As a user I want to be able to filter through meals by different parameters to better find what I need to find

Sprint 4:
- Verification system
  - As a developer, I don't want users taking advantage of the ability to create public meals to do inappropriate things
- Meal rating system
  - As a user, I would love to be able to see the ratings on other meals to determine if a meal would be good before I cook it
- Drag and Drop meals onto calendar
  - As a user, I would like to use an interactive and fun User Interface

Backlog:
- Find the best grocery stores in a certain area that offer the best price for the ingredients in the grocery list
  - As a user, I want to know where I can find the best price for the ingredients for my meals so that I can save time and money.
- Integrate with a nutritional database to calculate nutritional values
  - As a user, I want to know the nutritional information of the meals I choose so that I can keep track of how healthy I am.
- Calorie count system
  - As a user, I want the calories of my meal plan to be automatically calculated and displayed so that I can see my daily calorie intake.
- Variable amount of meals per day
  - As a user, I want to be able to have more than 3 meals a day for my meal plan.

Project presentation:
https://docs.google.com/presentation/d/1wLORcoE9J4hbZjlKUehAaGI7I8Dmc00ogHY9lhLe2rk/edit#slide=id.g1e9a8b640a4_2_61