Prep N' Plate - March 12, 2024

Team Description

Team Name : Prep N' Plate

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Product Owner : Thomas Fujimoto

Key user stories and acceptance criteria:

Give a list of key user stories with their acceptance
criteria that can serve as a guide for an acceptance test.

- As a user, I want to filter the database by nutrition value, vegetarian? Allergies? Cuisine type? budget/fancy?
    - Users able to choose Vegetarian options
    - Users able to choose Allergen specific options
    - Users able to choose nutrition value by specifying calorie intake
- As a user of Prep n' Plate, I need a weekly planner so that I know ahead of time what I will be eating on each day.
    - Users able to see each day of the week
    - Each day has separate sections for Breakfast, Lunch, Dinner
    - Meals are presented in the different sections for easy UI
    - PDF generate option so users can visit page again
- As a user of Prep n' Plate, I need a grocery list so that I know exactly what to shop for to prepare my given meals.
    - Users able to navigate to a grocery list after Menu page
    - Grocery page lists all items necessary in an organized manner
    - Grocery page can be accessed again even if the user goes to the next page
- As a user of Prep n' Plate, I need a recipe list so that I can make the dishes
    - Users able to navigate to a recipe list after Menu page or Grocery page
    - Recipe page lists all items necessary in an organized manner
    - Recipe page can be accessed again even if the user goes to the next page

Known Problems

Major Bugs

- Menu page occasionally has repeated meal titles
- Recipes page and Grocery Lists are occasionally out of order

Omissions

- We did not include a dedicated desserts column instead they are populated within breakfast lunch and dinner

- Survey was simplified down to 3 questions
- No account creation
- Planner Page does not give detailed view of each day when clicked-on
- No server to host product at a dedicated URL
- No images for food items

Design Shortcuts
- Backend writes to a temporary json file which the frontend later accesses when needed
  - For instance the meals for the menu page are available as soon as the survey is submitted but it does not give it directly back to the frontend. The backend first writes to a json file which is then later accesses with 'GET' request by the menu page

Product Backlog: Provide a list of the high priority user stories and bug fixes that can serve as a guide for a follow-on project.
- As a user interested in using Prep N' Plate, I want to be able to create an account easily, So that I can access personalized features and save my meal plans.
- As a user who has successfully created an account on Prep N' Plate, I want to be able to track my meals based on my preferences and dietary restrictions.
- As a user of Prep n' Plate, I want my recipe portions adjusted to my body type, eating habits, and fitness goals.
- Because some meals are repeated in the Menu Page, try taking out some meal type categories such as Dessert and 20-minute meals as it can reduce any overlap and repetition of dishes, leading to a better organized Menu Page.