**Test Plan and Report**

**PantryPal**

**July 24th 2023**

**User stories and Acceptance criterias:**

* User story 1: As a user, I want a user interface to input my ingredients.
  + **Acceptance criteria:** web components are interactable and functional
* User story 2: As a user, I want a variety of recipes based on the ingredients I listed
  + **Acceptance criteria:** recipes are listed after clicking submit button
* User story 3: As a user, I want to receive relevant recipe recommendations that can be made with the current ingredients that I have.
  + **Acceptance criteria:** recipes that are listed should have more common recipes scored higher up
* User story 4: As a user, I want a user interface that has a formatted list of recommendations and also responses for errors that I’ve made
  + **Acceptance criteria:** results should have a formatted list of recipes as well as handing ill formatted user input
* User story 5: 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.
  + **Acceptance criteria:** recipes should not have meat in the ingredients
* User story 6: As a user, I want to be able to see a list of possible ingredients to be able to quickly add ingredients
  + **Acceptance criteria:** user should be able to use a dropdown menu to quickly select common ingredients to submit
* User story 7: As a user, I want to filter by the number of results
  + **Acceptance criteria:** resulting recipe list should be limited to number of results dictated by user
* User story 8: As a user, I want to be able to only find recipes with the ingredients I have
  + **Acceptance criteria:** resulting recipe list should have recipes exactly as the ingredients listed
* User story 9: As a user with nut allergies, I only want to receive recipe options without nuts
  + **Acceptance criteria:** resulting recipe list should only have nut-free ingredients

**Scenarios:**

* Scenario 1: interactable user input(**Pass**)
  + Type ingredients into recipe input and click submit
  + Should show recommended recipes
* Scenario 2: recipe recommendations based on input list(**Pass**)
  + Input salmon and rice into text box
  + Pull down second option and third options
* Scenario 3: relevant recipe recommendations(**Pass**)
  + Click submit with ingredients listed in input box
  + Show recipe recommendations
* Scenario 4: readable formatted list of recipe recommendations(**Fail**)
  + Open up recipe options
  + Recipes data should be readable and formated
* Scenario 5: receiving vegetarian recipes(**Pass**)
  + Submit recipes with vegetarian option enabled
  + Resulting recipes should not have meat ingredients
* Scenario 6: selecting from a list of common ingredients list(**Pass**)
  + Select ingredients from the dropdown menu
  + Resulting recipes should include ingredient from list
* Scenario 7: show a number of recommended recipes based on input(**Pass**)
  + Input a number to number of recommended recipes input
  + Resulting recipes should be equal to number given
* Scenario 8: show that the only ingredient button shows recipes based on only ingredients(**Fail**)
  + Click on the button, resulting in ingredients not matching exactly
* Scenario 9: show that the nut-free button shows only nut free options(**Pass**)
  + Submit recipes with nut-free option enabled
  + Resulting recipes should not have nut ingredients