Pantry Pal

Team 4

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Definitions

- Priority (P) – 1 to 10, 1 being lowest.
- Volatility (V) – 1 to 10, 1 being lowest.
- Functional (F) – i.e. what should the system do.
- Non-functional (NF) – i.e. how well does the system work.
- Standalone (S) – i.e. does not depend on another requirement.
- Dependent (D) – i.e. depends on another requirement.
- Time (T) – measured in weeks.

Create/Manage/Delete Recipes

- The user will be able to fill out a form that contains a list of ingredients for the recipes, including steps, quantities, and cooking time. The user should be able to edit and/or delete this recipe at any time.

Format: Ingredient (20-letter max), Category (Drop Down Menu), Quantity (3-digit max), Measurement Type(4-letter max)

Example: Flour, Baking, 3 Cups

Create/Manage/Delete Recipes

- Priority: 10
- Volatility: 5
- Functional or Non-functional: Functional, allows user to manage recipes
- Standalone or Dependent: Standalone – Log in is a stretch goal
- T: 2-weeks
- Developer: Makaela
- Tester: Denver

Create/Manage/Delete Recipes

1. Test with empty form.

2. Test with 1 valid ingredient and quantity.

3. Test with 1 valid ingredient and invalid quantity.

4. Test with 2 valid ingredients and quantities.

5. Test with 1 valid cook time

6. Test with duplicate ingredient entries

7. Test with 1 valid ingredient and quantity and 1 invalid ingredient and quantity

8. Repeat using different lines of the form

Pantry

- The user will have access to a list of available ingredients that will auto fill and update as a user follows a recipe. This list will be sorted by food type and track quantities.

Format: Ingredient (20-letter max), Category (Drop Down Menu), Quantity (3-digit max), Measurement Type(4-letter max)

Example: Apple, Fruits, 5 Indv

Pantry

- Priority: 7
- Volatility: 7
- Functional or Non-functional: Functional, stores an inventory to use in future recipes
- Standalone or Dependent: Dependent on Recipes
- T: 2-weeks
- Developer: Elijah
- Tester: Makaela

Pantry

1. Test with empty form
2. Test with 1 invalid entry
3. Test with 1 valid entry
4. Test when recipe calls for invalid ingredient
5. Test when recipe calls for valid ingredient

Shopping Cart

- This should auto-generate ingredients used when following a recipe with an option to allow the user to add/remove things manually.

Format: Ingredient (20-letter max), Category (Drop Down Menu), Quantity (3-digit max), Measurement Type(4-letter max)

Example: Eggs, Protein, 1 Dozen

Shopping Cart

- Priority: 6
- Volatility: 9
- Functional or Non-functional: Functional, allows user to stock their inventory for recipes
- Standalone or Dependent: D – Dependent on pantry
- T: 2-weeks
- Developer: Denver
- Tester: Elijah

Shopping Cart

1. Test with 1 valid manual entry
2. Test with 1 invalid manual entry
3. Test with auto-generating a recipe where we don't have any ingredients
4. Test with auto-generating a recipe where we have half the ingredients
5. Test with auto-generating a recipe where we already have all needed ingredients
6. Test editing the shopping cart manually when shopping
7. Test that the shopping cart automatically fills the pantry on checkout