

Stretch Goals:

Authentication -

1. View and edit measurements
2. Auth before ability to Add and View Recipes and Ingredients.
3. Sign up
4. Log In
5. Persist Sessions

1. User Story: Add Recipe (new)

As an end user I want to be able to add recipes. A recipe includes the food name, instructions and ingredients with measurements.

- Add Recipe page:
 - Page shall allow the user to add recipe name (required)
 - Page shall allow the user to add recipe instructions (required)
 - Page shall allow the user to add ingredients (optionally)
 - Page shall allow the user to add measurement types to ingredients (optionally)
 - Page shall allow the user to add measurement amounts to ingredients (optionally)
 - Page shall allow the user to save the recipe
- **Acceptance Criteria:**
 - User can add recipe name
 - User can add instructions
 - User can add ingredients with measurements
- **Acceptance Testing:**
 - User can add recipe name
 - User can add instructions
 - User must add recipe name
 - User must add Instructions
 - User can add ingredients with measurements
 - User can add ingredients without measurement

2. User Story: View Recipe (Show)

As an end user I want to be able to view recipes. A recipe includes the food name and may contain instructions and ingredients.

- View Recipe page:
 - Page shall allow the user to view recipe name (required)
 - Page shall allow the user to view recipe instructions (required)
 - Page shall allow the user to view ingredients (optionally)
 - Page shall allow the user to edit the recipe
 - Page shall allow the user to delete the recipe
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- **Acceptance Criteria:**
 - User can view recipe name
 - User can view instructions
 - User can view ingredients with measurements
 - User can save changes and show edit page
 - User can delete recipe and recipe index page displays

- **Acceptance Testing:**
 - User can add recipe name
 - User can add instructions
 - User must add recipe name
 - User must add Instructions
 - User can add ingredients with measurements
 - User can add ingredients without measurement

3. User Story: Edit Recipe (edit)

As an end user I want to be able to edit recipes. A recipe includes the food name, instructions and may contain ingredients with measurements.

- Edit Recipe page:
 - Page shall allow the user to edit recipe name (required)
 - Page shall allow the user to edit recipe instructions (required)
 - Page shall allow the user to add / remove ingredients (optionally)
 - Page shall allow the user to edit measurement types to ingredients (optionally)
 - Page shall allow the user to edit measurement amounts to ingredients (optionally)
 - Page shall allow the user to save the recipe
- **Acceptance Criteria:**
 - User can edit recipe name
 - User can edit instructions
 - User can remove ingredients
 - User can add ingredients
 - Available Ingredients will be only those not currently associated with recipe.
 - User can change measurement types
 - User can change measurement amounts

- User can submit changes and Recipe show displays

- **Acceptance Testing:**

- User can edit recipe name
- User can edit instructions
- User can remove / add ingredients with measurements
- User can remove / add ingredients without measurement

4. User Story: Add Ingredient (new)

As an end user I want to be able to add ingredients. An ingredient includes the ingredient name.

- Add Ingredient page:
 - Page shall allow the user to add ingredient name (required)

Acceptance Criteria:

- Ability to add an ingredient with:
 - Name

Acceptance Testing:

- Database is accessible externally and persists Ingredient
- User cannot enter the same ingredient
- When ingredient is added View Ingredients displays

5. User Story: View Ingredient (show)

As an end user I want to be able to view ingredients. An ingredient includes the ingredient name.

- View Ingredient page:
 - Page shall allow the user to view ingredient name.
 - Page shall allow the user to Edit an Ingredient
 - Page shall allow the user to Delete an Ingredient

Acceptance Criteria:

- Ability to create an ingredient with:
 - Name
- After delete View Ingredients
- Edit opens edit ingredients

Acceptance Testing:

- Database is accessible externally and persists Ingredient
- User can view ingredient name
- User can edit an ingredient
- User cannot delete ingredient associated with a recipe

6. **User Story: Edit Ingredient (edit)**

As an end user I want to be able to edit an ingredient name.

- Edit Ingredient page:
 - Page shall allow the user to edit the ingredient name (required)

Acceptance Criteria:

- Ability to edit an ingredient:
 - Name
- After edit Show Ingredients

Acceptance Testing:

- Database is accessible externally and persists Ingredient
- User can edit ingredient name
- User cannot edit with an existing ingredient (cannot change apple to green apple if green apple already exists in DB).

7. **User Story: Add Ingredient with measurements**

As an end user I want to be able to add ingredients and identify the amount and measurement.

On Add Recipe page.

Acceptance Criteria:

- Ability to add an ingredient with:
 - Name
 - Measurement type
 - Measurement amount

Valid measurement types:

- Teaspoon = TSP

- Tablespoon = TBLS
- Ounce = OZ.
- Cup = C.
- Pint = P.
- Quart = QRT.
- Gallon = G.

Valid measurement amounts:

- $\frac{1}{4}$
- $\frac{1}{2}$
- $\frac{3}{4}$
- 1
- $1 \frac{1}{4}$
- $1 \frac{1}{2}$
- $1 \frac{3}{4}$
- 2
- $2 \frac{1}{4}$
- $2 \frac{1}{2}$
- $2 \frac{3}{4}$
- 3
- $3 \frac{1}{4}$
- $3 \frac{1}{2}$
- $3 \frac{3}{4}$
- 4

Acceptance Testing:

- Database is accessible externally and persists Ingredient
- User can create ingredient name
- User can edit an ingredient
- User cannot enter the same ingredient
- User can add ingredient type
- User can add ingredient amount.

8. User Story: Navigation

As an end user I want to be able to navigate the app:

1. Add link to Add Recipe
2. Add link to View Recipes
3. Add link to Add Ingredient
4. Add link to View Ingredient

Commented [CT1]: Follow Up: Add link to Add Recipe

Acceptance Criteria:

- Ability to navigate to:
 - Add Recipe
 - View Recipes
 - Add Ingredient
 - View Ingredient

Acceptance Testing:

- Database is accessible externally and persists Ingredient
- User can navigate to Add recipe page
- User can navigate to View recipe page
- User can navigate to Add recipe page
- User can navigate to View recipe page
- User can navigate to Add recipe page

9. User Story: Seed DB with Measurement Types

As an app I want a list of Measurement Types:

1. Valid measurement types:

- i. Teaspoon = TSP
- ii. Tablespoon = TBLS
- iii. Ounce = OZ.
- iv. Cup = C.
- v. Pint = P.
- vi. Quart = QRT.
- vii. Gallon = G.

2. Create ability to seed data from file**Acceptance Criteria:**

- DB has collection of Measurement Types
- Drop down list on Add Recipe is populated with Measurement Types.

Acceptance Testing:

- Database is accessible externally and persists Types
- User can view types in drop down on New Recipe page

10. User Story: Seed DB with Measurement Amounts

As an app I want a list of Measurement Amounts:

1. Valid measurement amounts:

- i. $\frac{1}{4}$
- ii. $\frac{1}{2}$
- iii. $\frac{3}{4}$
- iv. 1
- v. $1\frac{1}{4}$
- vi. $1\frac{1}{2}$
- vii. $1\frac{3}{4}$
- viii. 2
- ix. $2\frac{1}{4}$
- x. $2\frac{1}{2}$
- xi. $2\frac{3}{4}$
- xii. 3
- xiii. $3\frac{1}{4}$
- xiv. $3\frac{1}{2}$
- xv. $3\frac{3}{4}$
- xvi. 4

2. Create ability to seed data from file

Acceptance Criteria:

- DB has collection of Measurement Amounts
- Drop down list on Add Recipe is populated with Measurement Amounts.

Acceptance Testing:

- Database is accessible externally and persists Types
- User can view types in drop down on New Recipe page