

**Cory Trast**  
**Project 2**  
**User Stories / Routes**

**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
  - Use 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: New Recipes - Add Ingredient with measurements to page drop downs**

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 ¼
- 2 ½
- 2 ¾
- 3
- 3 ¼
- 3 ½
- 3 ¾
- 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: Edit Recipes - Add Ingredient with measurements to page drop downs

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

On edit Recipe page.

**Acceptance Criteria:**

- Ability to add/edit 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:**

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

**10. User Story: Home Page**

As an end user I want to be able to see recipes on the home page. User should be able to edit and delete from the home page via links.

- Home page:
  - Add Recipe Name, Date Added, and instructions.
- **Acceptance Criteria:**
  - User can view recipe name
  - User can view recipe create date
  - User can view instructions
  - User can edit a recipe from the home page
  - User can delete a recipe from the home page
  - Date format should be MM/DD/YYYY
- **Acceptance Testing:**
  - User can view recipe name
  - User can view instructions
  - User can view recipe name
  - User can click link to edit recipe
  - User can click link to Delete a recipe

#### Restful Routes Ingredients

#	Action	URL	HTTP Verb	EJS view filename	mongoose method
1	Index	/ingredients/	GET	index.ejs	Ingredient.find()
2	Show	/ingredient/id	GET	show.ejs	Ingredient.findById(req.params.id)
3	New	/ingredients/new	GET	new.ejs	none
4	Create	/ingredients/	POST	none	Ingredient.create(req.body)
5	Edit	/ingredients/id/edit	GET	edit.ejs	Ingredient.findById(req.params.id)
6	Update	/ingredients/id	PUT	none	Ingredient.findByIdAndUpdate(req.params.id, req.body)
7	Destroy	/ingredients/id	DELETE	none	Ingredient.findByIdAndRemove(req.params.id)