

Cory Trast
Project 2
User Stories / Routes

Stretch Goals:

Authentication -

1. Auth before ability to Add and View Recipes and Ingredients.
2. Sign up
3. Log In
4. 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
 - Recipe Name is required
 - Recipe Instructions are required
 - At least two Recipe Ingredients are required before user can save recipe
- **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: Delete Ingredient (delete)

As an end user I want to be able to delete an ingredient.

- Delete Ingredient page:
 - Page shall allow the user to Delete the ingredient.

Acceptance Criteria:

- Ability to Delete an ingredient:
 - Name
- Ingredient used in Recipe cannot be deleted
- When Ingredient is used in Recipe – show the recipe(s) link

Acceptance Testing:

- Database is accessible externally and persists Ingredient
- User can delete ingredient when ingredient is not used in Recipe
- When ingredient is used in Recipe the recipe name link are displayed.

8. 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
- $2 \frac{1}{4}$
- $2 \frac{1}{2}$
- $2 \frac{3}{4}$
- 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.

9. 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 (home)
3. Add link to Add Ingredient
4. Add link to View Ingredient

Acceptance Criteria:

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

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

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

10. 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 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:

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

11. User Story: Home Page

As an end user I want to be able to see recipes on the home page.

- 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)

Restful Routes Recipe

#	Action	URL	HTTP Verb	EJS view filename	mongoose method
1	Index	/recipes/	GET	index.ejs	Recipe.find()

2	Show	/recipes/id	GET	show.ejs	Recipe.findById(req.params.id)
3	New	/recipes/new	GET	new.ejs	none
4	Create	/recipes/	POST	none	Recipe.create(req.body)
5	Edit		GET		
6	Update		PUT		
7	Destroy	/ingredients/id	DELETE	none	Recipe.findByIdAndDelete(req.params.id) RecipeIngredient.findByIdAndDelete(deletedRecipe.ingredient)