**Feature 1: Update User Pantry**

Feature description: When a user updates the amount of ingredients they have in their pantry, this data is successfully stored in our database and displayed on the pantry page. If the user tries to add an invalid ingredient, they see an error message and the database is not updated.

1. Test Cases:
   1. When the pantry is empty, the page has a specific “empty pantry” display
   2. Adding a valid ingredient displays the ingredient on the pantry page.
   3. Removing an ingredient removes the ingredient from the displayed list.
   4. Trying to add an invalid ingredient (need to figure out functionality, this may be impossible) causes an error message to display and no change to the displayed list.
2. Description of Test Data: The user can choose an ingredient to add to their pantry from a drop down list. The user can also delete an ingredient from their pantry with a delete button.
3. Description of Test Environment: Development environment
4. Description of Test Results: HTTP Response, Database correctly updated
5. User Acceptance Testers: Team members

**Feature 2: Recipe Counter**

Feature Description: The total number of recipes the website has generated is displayed on the home page.

1. Test cases:
   1. When the website has generated no recipes, this number displays 0, not an error
   2. When a recipe is created, the counter increases by one
2. Description of test data: The counter increases for as many recipes as the user makes. Test data is the creation of a recipe
3. Description of test environment: Development environment
4. Description of test results: HTTP Response, counter variable updated, database updated
5. User Acceptance Testers: Team members

**Feature 3: Favorite Recipe**

Feature Description: The user can mark recipes as favorites, which are stored in the database as favorites and displayed.

1. Test Cases:
   1. When there are no favorite recipes, nothing is displayed
   2. Adding a recipe to favorites
   3. Removing a recipe from favorites
2. Description of Test Data: The user can see the recipes they have tried in the past, and have the option to click a star to mark recipes as favorites
3. Description of Test Environment: Development environment
4. Description of Test Results: HTTP Response, Database correctly updated
5. User Acceptance Testers: Team members