Feature 1: Login

We want to create a login page that requires a user to enter their credentials before accessing the sight. The login page should recognize if the user has a valid login, or if the user needs to register.

UAT:

> Given I have entered the username and password,
> When I click the login button,
> Then I am redirected to the home page.

Testing:

• To test this feature, we will be using premade users in an SQL table that are deemed valid users.
• The environment of this test will take place in a docker container in our laptop.
• We will enter the usernames and passwords into the login, and record the results.
• We will also have invalid users, and when entering the invalid names, they should not be able to login.
• The user acceptance testers will be the person who develops the feature, as well as another member of the team who did not work on the feature, to get two inputs.

Feature 2: Register

We will create an option to register if the user cannot login. The user will have to create a username and password, and then be redirected to the login page.

UAT:

> Given I have created a username and password,
> When I click the register button,
> Then I am redirected to the login page.

Testing:

> • To test this feature, we will be using a list of random usernames and passwords, and registering these users.
> • The environment that will be used to test will be a docker container in our laptop.
> • For the test results, we want to ensure that these users are correctly inserted into our SQL table that includes the registered users.
> • The user acceptance testers will be the person who develops the feature, as well as another member of the team who did not work on the feature, to get two inputs.

Feature 3: Discover

We will create a page 'Discover' that will allow users to be able to find new recipes, which will either be pre-determained or by using an API. The discover page will be sorted by whichever recipe has the most likes (this will be its own feature), and the most will be shown first.

UAT:

Given I have clicked on the Discover page,
When I scroll through the page,
Then the recipes will be shown and will be sorted.

Testing:

• To test this feature, we will have a predetermined set of recipes and likes, and will be testing if the recipes are shown correctly, and if the recipes are sorted by likes.
• The environment that we will be testing in is a docker container on our laptops.
• For the results, we want to ensure that the recipes will be correctly shown, and sorted by likes.
• The user acceptance testers will be the person who develops the feature, as well as another member of the team who did not work on the feature, to get two inputs.

Feature 4: Add Comment to a Recipe

UAT:

- As a user, I should be able to add a comment to a recipe.
- When I click the 'Submit' button in the comment section form.
- Then, my comment should be visible alongside other users' comments.

Acceptance Criteria:

- To test this feature, we will have a predetermined set of comments in the 'Reviews' table and will verify if they are displayed correctly on the recipe page.
- The user should be able to add a comment to the recipe and view it along with other users' comments.
- The new comments added should be stored in the 'Reviews' table.

Feature 5: Add Recipe

UAT:

- As a user, I should be able to add a new recipe with correct credentials.
- When I click the 'Submit' button in the add recipe page.
- Then, I should be able to see the new recipe on the discover page.
- Additionally, I should be able to view it on the 'My Recipes' page.

Acceptance Criteria:

- A user cannot submit the 'Add a recipe' form without completing all mandatory fields, including Recipe name, Ingredient item, Quantity, Units, Instructions, and Recipe image.
- Information from the 'Add recipe form' is stored in the recipes table.
- The newly added recipe should be shown on the discover page alongside other users' recipes, with the same functionality as other API recipes.
- The user should have quick access to their added recipes from 'My recipe' page in the menu bar.

Feature 6: Add Recipes to Favorite

UAT:

- As a user, I should be able to add any recipe to my favorites from the discover page.
- When I click the 'Favorite' button for the recipe.
- Then, I should be able to see this recipe in my 'Favorites' page.
- Similarly, when I click the 'Unfavorite' button, this recipe should be removed from my 'Favorites' page.

Acceptance Criteria:

- When the user clicks the 'Favorite' button for a recipe, the system should add the selected recipe to their favorites.
- The user's favorites should be stored in a 'Favorites' table.
- When the user visits their 'Favorites' page, they should see a list of recipes they have marked as favorites.
- Clicking the 'Unfavorite' button for a recipe in the 'Favorites' page should remove that recipe from their favorites.
- The 'Unfavorite' action should update the database accordingly, reflecting the removal of the recipe from the user's favorites.
- The user's 'Favorites' page should dynamically update to reflect changes in their favorite recipes.

Feature 7: Profile

UAT:

- As a user, I should be able to access my own profile.
- When I click on 'Profile' in the menu bar.
- Then, I should be able to view my personal information such as first name, last name, DOB.

Acceptance Criteria:

- The user should be able to access their own profile from the menu bar.
- The user should be able to access other users' profiles from the comment section by clicking on their usernames.

Feature 8: Logout

UAT:

- As a user, I should be able to log out of my account.

- When I click the 'Logout' button in the menu bar.

- Then, I should be redirected to the login page and no longer have access to the websites functionalities.

Acceptance Criteria:

- When the user clicks 'Logout,' the system should clear the user's session and log them out.

- After logging out, attempting to access secured pages or functionalities should redirect the user to the login page.