TEST CASES AND ACCEPTANCE CRITERIA

**Test Case 1: User Account Creation and Login**

* Test the sign-up process with valid and invalid data.
* Test the login process with valid and invalid credentials.
* Test password recovery process.

**Acceptance Criteria for Test Case 1:**

* The user can create an account using email and setting a password.
* The user can log in using his email and password.
* The user can recover or reset their password using their verified email.

**Test Case 2: Pantry Management**

* Test adding items to the pantry.
* Test updating and deleting items in the pantry.
* Test searching and sorting the pantry items.

**Acceptance Criteria for Test Case 2:**

* The user can add their pantry with the required information.
* The user can edit or delete items from their pantry.
* The user can view their pantry as a sorted list by name or expiry date.

**Test Case 3: Expiration Dates tracking**

* Test alert generation for items that are approaching expiry dates.
* Test the time frames for when the alerts should be sent.

**Acceptance Criteria for Test Case 3:**

* The user receives alerts for the pantry items in the set time frames.
* The user can customize alerts timeframes.

**Test Case 4: Recipe Recommendations:**

* Test generating recipe recommendations based on current pantry items.
* Test filtering recipes based on dietary restrictions or preferences.
* Test the system’s response when there are insufficient items for any recipe recommendation.

**Acceptance Criteria for Test Case 4:**

* The application suggests recipes based on the items available in the pantry.
* The system allows the user to filter recipes by dietary restrictions.
* If pantry items are insufficient for recommendations, the system informs the user accordingly.