**Test Cases for Recipe App**

**Test Case 1: Signup**

- **Preconditions**: User is on the signup page

**- Steps:**

1. Launch the app

2. Enter a name

3. Enter a valid email address

4. Enter a password (meeting all conditions: lowercase, numeric, special characters, etc.)

5. Click the "Signup" button

**- Expected Result**: User account is created, and the user is logged in

**- Actual Result:** User account is created, and the user is logged in

**Test Case 2: Login for registered user**

**- Preconditions**: User has a created account

**- Steps:**

1. Launch the app

2. Enter a valid email address

4. Enter a password (meeting all conditions: lowercase, numeric, special characters, etc.)

4. Click the "Login" button

**- Expected Result**: User is logged in successfully

**- Actual Result:** User is logged in successfully

**Test Case 3: Login for un-registered user**

**- Preconditions**: User has not created account

**- Steps:**

1. Launch the app

2. Enter a valid email address

4. Enter a password (meeting all conditions: lowercase, numeric, special characters, etc.)

4. Click the "Login" button

**- Expected Result**: Error message "Email account is not registered" is displayed

**- Actual Result:** Error message "Email account is not registered " is displayed

**Test Case 4: Verify Email Pattern**

**- Preconditions:** User is on the Signup/Login page

**- Steps:**

1. Launch the app

2. Enter an invalid email address (e.g., without "@", or without a domain)

3. Click the "Signup" button

**- Expected Result:** Error message "Invalid email address" is displayed

**- Actual Result:** Error message "Invalid email address" is displayed

**Test Case 5: Password Conditions**

- Preconditions: User is on the Signup/Login page

- Steps:

1. Launch the app

2. Enter a password without lowercase letters

3. Click the "Signup" button

- Expected Result: Error message "Password must contain lowercase letters" is displayed

- Repeat for other conditions (numeric, special characters, etc.)

**Test Case 6: Update Password**

- Preconditions: User is logged in and on the profile page

- Steps:

1. Launch the app

2. Enter a new password (meeting all conditions: lowercase, numeric, special characters, etc.)

3. Enter a confirm password (meeting all conditions: lowercase, numeric, special characters, etc.)

4. Click the "Update Password" button

- Expected Result: Password is updated successfully

- Actual Result: Password is updated successfully

**Test Case 7: Update Profile Name**

- Preconditions: User is logged in and on the profile page

- Steps:

1. Launch the app

2. Enter a new profile name

3. Click the "Update Profile" button

- Expected Result: Profile name is updated successfully

- Actual Result: Profile name is updated successfully

**Test Case 8: Logout and Session Destroy**

- Preconditions: User is logged in

- Steps:

1. Launch the app

2. Click the "Logout" button

- Expected Result: User is logged out, and the session is destroyed

- Actual Result: User is logged out, and the session is destroyed

**Test Case 9: Adding Recipe**

- Preconditions: User is on the homepage

- Steps:

1. Launch the app

2. click the add button, fill the detail

3: press “add recipe” button

- Expected Result: Recipe is added and shown

- Actual Result: Recipe is added and shown

**Test Case 10: Updating Recipe**

- Preconditions: User is on the homepage

- Steps:

1. Launch the app

2. select the recipe and make desire changes

3: press “Update recipe” button

- Expected Result: Recipe is updated and shown

- Actual Result: Recipe is updated and shown

**Test Case 11: Add to Favorite**

- Preconditions: User is on the recipe details page

- Steps:

1. Launch the app

2. Open a recipe details page

3. Click the "Add to Favorite" button

- Expected Result: Recipe is added to the user's favorite list

- Actual Result: Recipe is added to the user's favorite list

**Test Case 12: Remove from Favorite**

- Preconditions: User has added a recipe to their favorite list

- Steps:

1. Launch the app

2. Open the favorite list page

3. Click the "Remove from Favorite" button on a recipe

- Expected Result: Recipe is removed from the user's favorite list

- Actual Result: Recipe is removed from the user's favorite list

**Test Case 13: Delete the recipe**

- Preconditions: User is on the homepage

- Steps:

1. Launch the app

2. select recipe and press the delete button

- Expected Result: Recipe is deleted from the database

- Actual Result: Recipe is deleted from the database