

System and Unit Test Report

Product Name	EZRecipe
Team Name	Bananagrammers
Date	6/3/17

System Test Scenarios

User stories covered (Acceptance Test):

- A. As a user, I want to be able to make an account on the app so that I can save personal information.
- B. As a user, I want to be able to navigate the mobile app so that I can use the app.
- C. As a user, I want to be able to select/type in a list of ingredients so that I can get a list of recipes using those ingredients

Scenario:

- 1. Start EZRecipe app; type
 - a. email=<eztest@gmail.com>
 - b. password=<bonapetit>
 - c. Press Signup button
 - d. User should see verification that user successfully registered
 - e. Press Login button
- 2. MainActivity page will load
 - a. Press back button to go back to login page, or
 - b. Press logout button to go back to login page, or
 - c. Next Step
- 3. Press "+" button; a text field and an "add" and "done" button will appear
 - a. Type in an ingredient. A list of commonly used ingredients may appear.
 - b. Press "add" button; checkbox with ingredient should appear
 - c. Repeat for however many ingredients
 - d. Check all the ingredients you wish to include in the recipe
 - e. Press "down" button; text field will disappear
 - f. Press "done,"
- 4. Press "Get Recipes" to obtain the list of desired recipes
 - a. Picture of Recipe will appear. Click "view recipe," which opens recipe in Chrome
 - b. To view other recipes, click

User stories covered:

- A. As a user, I want to save a list of ingredients I have in my pantry so that I can quickly find recipes I have the ingredients to make.

Scenario

- 1. Start EZRecipe app; type

- a. email=<eztest@gmail.com>
 - b. password=<bonapetit>
 - c. Press Login button
2. MainActivity page will load
 - a. List of ingredients checkboxes should appear
 - b. Check whichever ingredients want to be used
 - c. Click “Get recipes!” button
 - d. Menu page will appear
 - i. Pick any recipe from spinner
 - ii. Click “View recipe” button

B. As a user, I want to delete a list of ingredients I have in my pantry so I can make room for newer ingredients.

Scenario

- a. At the main splash screen, there are list of checkboxes for ingredients
- b. Click on the ingredients checkboxes you wish to delete.
- c. Press the Delete button

Unit Tests Conducted

- Login/Signup module
 - Signup function
 - Using entirely new valid credentials
 - Signup success
 - Using a valid email that is already in the database
 - “Registration error”
 - Using empty values
 - “Enter email please”
 - Using invalid email
 - “Registration error”
 - Login function
 - Using entirely new valid credentials
 - “Sign-in failed”
 - Using a valid email that is already in the database with different password
 - “Sign-in failed”
- Navigation tests
 - Main activity
 - Login activity
 - Menu activity
 - View recipe activity
- Automated Tests
- Write/Get from database tests
 - Inputting ingredients for query
 - Verified through Visuals and Entry on FireBase
 - Saving ingredients to user
 - Verified through FireBase

- API Request tests
 - Making multiple requests
 - Viewing recipe prompts opening a browser
 - Making requests with no ingredients
 - Empty spinner in MenuActivity
 - Making requests with ingredients that aren't ingredients
 - Request executes with all ingredients and no errors, recipes returned will not include the non-food ingredients
 - Making request with over 20 ingredients
 - Request executes normally with all ingredients and no errors