

## System and Unit Test Report

Product Name	EZRecipe
Team Name	Treegrammers?
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](mailto: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. Press "Get Recipes!" button to go to menu page, or
3. Press "+" button; a text field and an "add" and "done" button will appear
  - a. Type in an ingredient
  - b. Press "add" button; checkbox with ingredient should appear
  - c. Repeat for however many ingredients
  - d. Press "done" button; text field and buttons will disappear

#### 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](mailto: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

### **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
- Write/Get from database tests
  - Inputting ingredients for query
    - Verified through Visuals and Entry on FireBase
  - Saving ingredients to user
    - Verified through FireBase