

2. QA test plan:
- II. Unit Test

Upload recipe

HW and SW setup:

HW setup: a laptop, a desktop and a mobile phone

SW setup:

window os or macOS, python, virtualenvironment, django

Actual test cases:

Tested on a regular receipt file: the program successfully extracted all the information and stored them into the database.

Tested on a blank paper: The program didn't extra any information.

Tested on a paper with random characters on it: The program didn't extract any information.

Any bugs: none

/* ***** */

List inventory

HW and SW setup:

HW setup: a laptop, a desktop and a mobile phone

SW setup: window os or macOS, python, virtualenvironment, django

Actual test cases:

Tested on a regular receipt file: the program successfully extracted all the information and the webpage displayed all the useful information on the screen.

Tested on a blank paper: The program didn't extra any information and the webpage didn't display anything.

Tested on a paper with random characters on it: The program didn't extract any information

Any bugs: none

/ ***** /

Login function

HW and SW setup:

HW setup: a laptop or desktop

SW setup: window os or macOS, python, virtualenvironment, django

Actual test cases:

Login a user account with the correct username and password: we could successfully log into the user account and saw the information displayed correctly

Login a user account with an incorrect username or password: we could log into the user account

Any bugs: none

Analyze test coverage

Function coverage: for all the three functions above, each of them was called and tested individually. All three of them worked properly and there were no bugs.

Statement coverage: for all the three functions above, each statement inside the function were executed, and the outcome met the expectation.

Branch coverage: for all the three functions above, each case statement was tested and executed without errors.

II. Integration test

Functional requirements to be tested:

- Users can register an account.
- Users can view overall reports.
- Calories counter
- Able to add items into the shopping list.

Hardware and Software Set-Up:

Device: Macbook air, Huawei, iPhone8, and Samsung.

Browsers: Safari and Google Chrome

URL: <http://ec2-13-57-221-62.us-west-1.compute.amazonaws.com>

QA table:

Test Case ID	2	Test Case Description	Able to view overall report in Home Page			
Created By	Carolyn Chen	Reviewed By		Version		N/A
QA Tester's Log						
Tester's Name	Carolyn Chen	Date Tested	December 2, 2019	Test Case (Pass/Fail/Not	Fail	
S #	Prerequisites:		S #	Test Data		
1	Access to Chrome Browser		1	Pass		
2	Can view how many items		2	PASS		
3	Can view closing expire items		3	PASS		
4	Can view nutrition information		4	The graph do not present nutrition detail of the month		
Test Scenario						
Verify on entering valid userid and password, the customer can login						
Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended		
1	Navigate to http://ec2-13-57-221-62.us-west-	Site should open	As Expected	Pass		
2	Click Login	Login and jump to Home	As Expected	Pass		
3	Check all information	Can see overall report	nutrition information missing	Fail		
4						

Test Case ID	4	Test Case Description	Able to add items from Refrigerator to shoppinglist			
Created By	Carolyn Chen	Reviewed By		Version	N/A	
QA Tester's Log						
Tester's Name	Carolyn Chen	Date Tested	December 2, 2019	Test Case (Pass/Fail/Not	PASS	
S #	Prerequisites:		S #	Test Data		
1	Access to Chrome Browser		1	PASS		
2	Can add item into shopping list		2	PASS		
3			3			
4			4			
Test Scenario						
Verify on entering valid userid and password, the customer can login						
Step #	Step Details	Expected Results	Actual Results		Pass / Fail / Not executed / Suspended	
1	Navigate to http://ec2-13-57-221-62.us-west-	Site should open	As Expected		Pass	
2	Click Login	Login and jump to Home	As Expected		Pass	
3	Check Refrigerator	Can see an shopping list icon	As Expected		PASS	
4	Click Items and click the icon	Add Items into shoppinglist	AS Expected		PASS	

Analyze :

Users are able to Register an account and see some of the information on the home page now. Still missing Nutrition information. Calories are showing next to each item but may still need to work on total Calories of the month. Users can add an item from Refrigerator to the shopping list but not able to add a lot of new items(no in your refrigerator) to the shopping list.