

User Acceptance Test 1 - “Creating a Recipe” or “Genesis Test”

This test concerns the most fundamental function of the software - The user’s ability to record information to the soft storage. The values entered are placeholders and not intended to represent a full recipe. In all instances where values are stored in a list, two values are entered to ensure that the program can handle multiple inputs to the same list.

Preconditions: When the test begins, the software must already be open to the main page on a computer provided by a tester.

Procedure:

1. Hover over the words “Recipe Actions” on the left side of the screen.
2. Click the drop-down hyperlink that says “Create Recipe”.
3. Enter “Cheesecake” into the text input labeled “Name”.
4. Copy and paste the link into the text input labeled “Image”:
<https://www.jocooks.com/wp-content/uploads/2018/11/cheesecake-1-22.jpg>
5. Enter “Dessert” into the text input labeled “Category”.
6. Enter “60 minutes” into the text input labeled “Cooktime”.
7. Enter “Cream Cheese” into the text input labeled “Ingredients” and click the “Add” button.
8. Enter “Graham Crackers” into the text input labeled “Ingredients” and click the “Add” button.
9. Enter “Springform Pan” into the text input labeled “Cookware” and click the “Add” button.
10. Enter “Stand Mixer” into the text input labeled “Cookware” and click the “Add” button.
11. Enter “Form the Crust” into the text input labeled “Steps” and click the “Add” button.
12. Enter “Mix the Batter” into the text input labeled “Steps” and click the “Add” button.
13. Enter “Sensitive to Temperature Changes” into the input labeled “Notes”.
14. Click the “Create” button.
15. Click the Home button on the upper left.

Expected Results: When the “Add” button is pressed on either the cookware, steps, or ingredients inputs, the input should clear and the input’s previous value should be appended to the corresponding list. When the “Create” button is pressed, a view recipe page should load displaying all of the entered information. When returning to the main page, a “Cheesecake” recipe should

appear somewhere on the main page with all of the previously entered information displayed in a manner that matches the “Burrito” recipe.

Actual Results: The software behaved as expected.

Status: **PASSED**

User Acceptance Test 2 - “Edit a Recipe” or “Pentecost Test”

This test will determine whether the software can effectively be used to modify existing recipes. Every part of the form will be altered in some way. All values are placeholders. This test covers creating, deleting, and updating parts of a recipe. As the ingredients, cookware, and steps function in a near-identical fashion, they will each be tested for one of those functions rather than all three for expedience.

Preconditions: The software is open to the main page on a computer provided by the testers and there exists in storage a “Burrito” recipe. Notepad is also open and displaying a working link to an image of a burrito distinct from the image used in the “Genesis Test”.

Steps:

1. Click the “Edit” hyperlink.
2. Prepend the word “Classic” with whitespace as appropriate to the text input labeled “Title”.
3. Click the trash icon under the word “Tortillas” in the “Ingredients” section.
4. In the empty text box at the bottom of the “Steps” section, enter “Wrap tortilla around ingredients”
5. Click the “Add” button next to the text input.
6. In the text input labeled “Notes”, prepend the word “Very” to the word “good”, with appropriate whitespace.
7. Copy and paste the link from the Notepad window into the text input labeled “Image Link”:
<https://i.ytimg.com/vi/krkf7ObsTM4/maxresdefault.jpg>
8. Click the “Save” button at the bottom of the page.
9. Click the Home button.

Expected Results: When an item’s delete button is clicked, the item should disappear from the list. When the “Add” button at the bottom of a section is clicked, the value of the text input next to it should be added as a value in that list. When the test is complete, the recipe should appear in the homepage with a

different image displayed and all of the updated information saved and displayed as one would expect.

Actual Results: There was an old build present and the computer software needed updated, and so during the test, the node server needed to be restarted. However, after this happened the results were as expected even though the edits were made beforehand. Since the abnormalities were due to environmental conditions, the test was declared a success.

Status: **PASSED**

User Acceptance Test 3 - “Shopping List Test”, or “Deuteronomy Test”

This test involves information moving from one part of the software to another. There is relatively little feedback when performing the action, so be sure that the “Add” button was pressed exactly once per step indicating to do so.

Preconditions: There exists a Tres Leches recipe and a Burrito recipe and the software is open to the Tres Leches recipe’s view page. The shopping list itself should be entirely empty.

Steps:

1. Click the “Add” button next to the list item saying “3 Milks” in the “Ingredients” section of the “Tres Leches” recipe’s page.
2. Click the Home button.
3. Click the Burrito recipe.
4. Click the “Add” button next to the list item saying “Rice” in the “Ingredients” section of the Burrito recipe’s page.
5. Click the Home button.
6. Hover over the words “Shopping List” in the sidebar to the right
7. Select the “Go to Shopping List” option in the resulting drop-down.
8. Press the “Delete” button associated with the “Rice” list entry.
9. Click the Home button.
10. Hover over the words “Shopping List” in the sidebar to the right
11. Select the “Go to Shopping List” option in the resulting drop-down.

Expected Results: The shopping list should contain “Rice” and “3 Milks” list entries when viewed as part of this test. When the “Delete” button is pressed, the button and the associated list item should both disappear from the page and remain gone when the shopping list is navigated to again.

Actual Results: The software behaved as expected.

Status: **PASSED**

User Acceptance Test 4 - “Export/Import a Recipe” or “Exodus Test”

This test involves taking the file that a recipe is in, transferring it to another instance of the software, and attempting to open that file. It is crucial that the user is able to transfer these files themselves rather than them being attached to the software.

Preconditions: The software is open on two computers. One (computer A) to the display page of a complete burrito recipe and one (computer B) to the homepage of the software. The latter should not have a burrito recipe in storage. The latter should have a File Manager window open to the “recipes” folder used by its instance of the software.

Steps:

1. Press the delete button on the burrito recipe page on Computer B
2. Press the **[EXPORT]** button on the burrito recipe page on Computer A.
3. and place the file into the file folder open on the file explorer window on Computer B.
4. Reload the software on Computer B.
5. Click the newly displayed Burrito recipe on the homepage on Computer B.

Expected Results: The export button should place a file named burrito.json into Computer A's downloads folder, reloading Computer B's software instance should cause a burrito recipe to be displayed, and the burrito recipe opened on Computer B should match the burrito recipe on Computer A exactly.

Actual Results: The software behaved as expected.

Status: **PASSED**

User Acceptance Test 5 - “Export a Shopping List”, or “Acts Test”

The user needs to be able to export a shopping list into a plain-text file in order to use it without opening the software.

Preconditions: On a computer provided by the tester, the software is open to the software's homepage and the shopping list has entries for “Rice”, “3 Milks”, and “Tortillas”, and File Explorer is open to that computer's “Downloads” folder.

Steps:

1. Click the Export button on the Shopping List page.
2. Use File Explorer to open Downloads/shopping.txt in Notepad (double-click).

Expected Results: The file (Shopping.txt) should be present in the expected file folder and should contain all items in the shopping list such that each item is on its own line.

Actual Results: The software behaved as expected.

Status: **PASSED**

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