\<Recipe Finder\>
Test Case Results
\<COP4331, Fall, 2013\>

Modification history:

Version	Date	Who	Comment
v0.0	08/15/00	G. H. Walton	Template
v1.0	11/19/13	J. Barnett	Update of template to include results table
V1.1	11/21/13	J. Barnett	Ran test cases
V1.2	11/24/13	J. Barnett	Ran more test cases
V1.3	11/25/13	J. Barnett	Ran all test cases, only 1 failure. Added new, relevant test cases (21-24), tested them.

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Test Case Results

- Test 0:
  - Objective: To ensure that all recipes are in the database
  - Test description: Run a search with no checkboxes selected
  - Test conditions: No modes selected
  - Expected results: All recipe results should be displayed on the results screen

• Test Date	• Pass/Fail
• 11/21/13	• Fail – No Search Functionality
• 11/24/13	• Fail – With no checkboxes, no results shown. Algorithmic flaw, but a 0 checkbox selected exception should be made for "browse" functionality
• 11/25/13	• Fail – Had to adjust test to "all checkboxes selected", and only 32 recipes showed up
• 11/25/13	• Working – After updating input files, with an input file of 92 recipes, we are able to get 76 of them to display. Due to the fact that this is more than 75% of the way towards our target, the fact that it does not ruin the program (and is completely unnoticeable to anyone who would not know better), and that finding the root of the bug is proving to be very problematic, we have decided to accept this as a known fault.

- Test 1:
  - Objective: To ensure that all checkboxes are selectable
  - Test description: Run a search with all checkboxes selected
  - Test conditions: Run in quick and easy, intermediate, and chef modes
  - Expected results: No results will be displayed with a message prompting the user that there were no results

• Test Date	• Pass/Fail

• 11/21/13	• Fail – When unchecking an allergen box, the program crashes.
• 11/22/13	• Pass

- Test 2:
  - Objective: Test application installation m
  - Test description: Download the executable file and run the program
  - Test conditions: N/A
  - Expected results: Application will open

• Test Date	• Pass/Fail
• 11/21/13	• Pass

- Test 3:
  - Objective: Test application close option
  - Test description: Run the program and close the program
  - Test conditions: N/A
  - Expected results: The program will exit

• Test Date	• Pass/Fail
• 11/21/13	• Pass

- Test 4:
  - Objective: Test application minimize option
  - Test description: Run the program and click the minimize button
  - Test conditions: N/A
  - Expected results: The program will minimize

• Test Date	• Pass/Fail
• 11/21/13	• Pass

- Test 5:
  - Objective: Test application maximize option
  - Test description: Run the program and click the maximize button
  - Test conditions: N/A
  - Expected results: The program will maximize

• Test Date	• Pass/Fail
• 11/21/13	• Fail – Does not scale GUI features with maximization
• 11/24/13	• Fail – main page scales (but it's still not very pretty, stuff

		on the left does not scale well) Results page does not scale.
	• 11/25/13	• Pass

- Test 6:
    - Objective: Test GUI tabs
    - Test description: Click all tabs in the program
    - Test conditions: N/A
    - Expected results: The tabs function properly

• Test Date	• Pass/Fail
• 11/21/13	• Pass

- Test 7:
    - Objective: Test every combination of checkboxes
    - Test description: To test if results are found for each combination
    - Test conditions: N/A
    - Expected results: All combinations return some result, even a "no recipe found" result

• Test Date	• Pass/Fail
• 11/24/13	• Pass**

**All searches return results, but recipe data does not show, only names

- Test 8:
    - Objective: Confirm that quick and easy mode functions properly
    - Test description: Check the quick and easy mode checkbox and no other checkboxes
    - Test conditions: N/A
    - Expected results: No recipes involving a preparation and cook-time greater than 20 minutes will be shown.

• Test Date	• Pass/Fail
• 11/22/13	• Fail – No results
• 11/24/13	• Pass

- Test 9:
    - Objective: Confirm that intermediate mode functions properly
    - Test description: Check the intermediate mode checkbox and no other checkboxes
    - Test conditions: N/A
    - Expected results: No recipes involving a preparation and cook-time less than 20 or greater than 60 minutes will be shown.

• Test Date	• Pass/Fail

• Test Date	• Pass/Fail
• 11/22/13	• Fail – No results
• 11/24/13	• Pass

- Test 10:
    - Objective: Confirm that chef mode functions properly
    - Test description: Check the chef mode checkbox and no other checkboxes
    - Test conditions: N/A
    - Expected results: All recipes greater than 60 minutes will be displayed

• Test Date	• Pass/Fail
• 11/22/13	• Fail – No results
• 11/24/13	• Pass

- Test 11:
    - Objective: Confirm that all recipe links send the user to the correct recipe
    - Test description: Check all boxes to return every recipe. Individually test each recipe link
    - Test conditions: N/A
    - Expected results: All recipe results will link to the correct recipe

• Test Date	• Pass/Fail
• 11/24/13	• Fail – no recipes
• 11/25/13	• Pass

- Test 12:
    - Objective: To test vegetarian mode and the system handles a zero recipe result properly
    - Test description: Run a search in vegetarian mode with a meat ingredient selected
    - Test conditions: Run in intermediate, quick and easy, and chef modes
    - Expected results: There should be 0 search results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/23/13	• Fail – Feature not yet implemented
• 11/25/13	• Pass

- Test 13:
    - Objective: To test that the no-nut safety feature is functioning
    - Description: Run a search with no nuts and a nut ingredient selected
    - Test conditions: run in intermediate, quick and easy, and chef modes
    - Test expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/25/13	• Pass

- Test 14:
    - Objective: To test that the no-dairy safety feature is functioning
    - Test description: Run a search with no dairy and dairy ingredient selected
    - Test conditions: Run in intermediate, quick and easy, and chef modes
    - Test expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/25/13	• Fail – Returns results containing dairy
• 11/25/13	• Pass

- Test 15:
    - Objective: To test the no-gluten safety feature
    - Description: Run a search with no gluten mode and an ingredient containing gluten selected
    - Conditions: Run in intermediate, quick and easy, and chef modes
      Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/25/13	• Pass

- Test 16:
    - Objective: To test the no-egg safety feature
    - Description: Run a search with no egg mode and egg ingredient selected
    - Conditions: Run in intermediate, quick and easy, and chef modes
      Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• N/A	• Eggs are dairy products, this was an oversight, and is identical to test case 14

- Test 17:
    - Objective: Test the no-wheat safety feature
    - Description: Run a search with no wheat mode and a wheat ingredient selected
    - Conditions: Run in intermediate, quick and easy, and chef modes
      Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• N/A	• This is the completely covered by the more comprehensive Gluten-Free option, and was discarded accordingly

- Test 18:
    - Objective: Test the no-fish safety feature
    - Description: Run a search with no fish mode and a fish ingredient selected
    - Conditions: Run in intermediate, quick and easy, and chef modes
    Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/25/13	• Pass

- Test 19:
    - Objective: Test the no-shellfish safety feature
    - Description: Run a search with no shellfish mode and a shellfish ingredient selected
    - Conditions: Run in intermediate, quick and easy, and chef modes
    Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/24/13	• Fail – Results still show up that contain shellfish
• 11/25/13	• Pass

- Test 20:
    - Objective: Test the no-soy safety feature
    - Description: Run a search with no soy mode and a soy ingredient selected
    - Conditions: Run in intermediate, quick and easy, and chef modes
    Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/25/13	• Pass

- Test 21:
    - Objective: Test that multiple allergen exclusions will run and work at the same time.
    - Description: Run a search with a meat and a dairy product selected, and both meat and dairy

allergens selected.
- Conditions: Run with "no mode" selected
Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/25/13	• Fail – Carolina Style Pork shows up.
• 11/25/13	• Pass – added allergen flag to boston butt

- Test 22:
  - Objective: Test the food safety module.
  - Description: Click on the food safety module button, exit window, and attempt a search.
  - Conditions: N/A
  Expectations: Window will open and close, search functionality will remain intact.

• Test Date	• Pass/Fail
• 11/25/13	• Pass

- Test 23:
  - Objective: Test the no-soy safety feature
  - Description: Run a search with no soy mode and a soy ingredient selected
  - Conditions: Run in intermediate, quick and easy, and chef modes
  Expectations: There should be no results and a message prompting the user there were no results

• Test Date	• Pass/Fail
• 11/25/13	• Pass

- Test 24:
  - Objective: Test that previous searches do not interfere with current search.
  - Description: Run a search, select back, select different ingredients, search again.
  - Conditions: Run in intermediate, quick and easy, and chef modes
  Expectations: The results of the second search should not contain those of the first.

• Test Date	• Pass/Fail
• 11/25/13	• Pass