

BoilerHungry Test Plan

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Test Case Format:

Test Number, Title, Severity

1. First step
2. Second step
3. etc.
4. **Expected Result:** ...

OpenApp 001, Open Application, Critical

1. Click on the application icon.
2. **Expected Result:** The application main window will open

Menu 001, Select Dining Court, Critical

1. From the main window, click on one of the dining courts icons.(e.g “Hillenbrand”)
2. **Expected Result:** The window will change to the specified dining court’s menu. Details of the location, hours, and the length of the line should be displayed on the left sidebar.

Menu 002, Dining Court Carousel Boundary, Workaround

(n.b. the same arrow direction should be used throughout the test)

1. From the main window, click on the left/right arrow on the left/right side of the screen to move through the carousel until the last dining court is reached.
2. Click on the left/right arrow again.
3. **Expected Result:** Application should not break, and continuous clicking of the arrow should not change the carousel view.

Menu 003, Dining Court Boundary, Workaround

(n.b. the same arrow direction should be used throughout the test)

1. From the main window, click on a dining court (e.g. “Earhart”).
2. On the dining court menu page, click on the left/right arrow above the meal time to change the Dining Court (e.g. Wiley, Windsor) until the last dining court is reached.
3. Click on the left/right arrow again.
4. **Expected Result:** Application should not break, and continuous clicking on the arrow should not change the dining court view.

Menu 004, View Different Menu Serving Times, Critical

1. From the main window, click on a dining court (e.g “Ford”).
2. Click on the left arrow at the top of the window next to “Breakfast”.
3. **Expected Result:** The menu should be updated to the food that is being served at Lunch for the specified dining court.

Menu 005, Dining Court Mealtime Boundary, Workaround

(n.b. the same arrow direction should be used throughout the test)

1. From the main window, click on a dining court (e.g. "Windsor").
2. On the dining court menu page, click on the left/right arrow above the menu to change the meal time (e.g. breakfast, lunch, dinner) until the last meal time is reached.
3. Click on the left/right arrow again.
4. **Expected Result:** Application should not break, and continuous clicking on the arrow should not change the menu view.

Menu 006, Click on Calendar, Important

1. From the main window, click on a dining court (e.g. 'Windsor').
2. From the selected dining court's menu, click on the calendar icon.
3. **Expected Result:** The window will change to a calendar model.

Menu 007, View Future Menu, Important

1. From the main window, click on a dining court (e.g. 'Windsor').
2. From the selected dining court's menu, click on the calendar icon.
3. The window will change to a calendar model.
4. From the calendar model, click on the date 3 days from the current date.
5. Click the 'X' button to close the calendar.
6. **Expected Result:** The window should refresh and display the Windsor menu 3 days from the current date.

Menu 008, View Invalid Future Menu Equivalence, Workaround

1. From the main menu, click on a dining court (e.g. "Windsor").
2. On the dining court menu page, click on the calendar icon.
3. Using the calendar popup interface:
 - a. input dates that are 8-30 days in the future.
 - b. input dates that are 1-20 years in the future.
4. Click the 'X' button to close the calendar.
5. **Expected Result:** An error dialog will appear: "You cannot view menus greater than a week from the current date".

Menu 009, View Invalid Past Menu Equivalence, Workaround

6. From the main menu, click on a dining court (e.g. "Hillenbrand").
7. On the dining court menu page, click on the calendar icon.
8. Using the calendar popup interface:
 - a. input dates that are 8-30 days in the past.
 - b. input dates that are 1-20 years in the past.
9. Click the 'X' button to close the calendar.
10. **Expected Result:** An error dialog will appear: "You cannot view menus from past dates".

Menu 010, View Invalid Future Menu Boundary, Workaround

1. From the main window, click on a dining court (e.g. "Earhart").
2. On the dining court menu page, click on the calendar icon.
3. Using the calendar popup interface, input the date that is 8 day in the future.
4. Click the 'X' button to close the calendar.
5. **Expected Result:** An error dialog will appear: "This menu is not yet available".

Menu 011, View Invalid Past Menu Boundary, Workaround

11. From the main window, click on a dining court (e.g. "Windsor").
12. On the dining court menu page, click on the calendar icon.
13. Using the calendar popup interface, input yesterday's date.
14. Click the 'X' button to close the calendar.
15. **Expected Result:** An error dialog will appear: "You cannot view menus from past dates".

Menu 012, Refresh Dining Court Menu, Important

1. From the main window, click on one of the dining courts icons. (e. g. Earhart)
2. The dining court menu and details should appear in the window.
3. Click the "refresh" button at the top of the window.
4. **Expected Result:** The page should reload with the current menu for the selected dining court.

Notification 001, Get Notification Pop-Up, Critical

1. From the main window, click on a dining court option (e.g. Earhart)
2. From the selected dining court's menu, click on the star icon next to any food that appears on the menu
3. Click the X at the top of the window to close the application
4. Click on the application icon to open the application
5. **Expected Result:** The main window should display on the screen along with another window containing a notification that the selected food is currently being served.

Notification 002, Close Notification Pop-Up, Critical

1. From the main window, click on a dining court option (e.g. Earhart)
2. From the selected dining court's menu, click on the star icon next to any food that appears on the menu
3. Click the X at the top of the window to close the application
4. Click on the application icon to open the application
5. The main window should display on the screen along with another window containing a notification that the selected food is currently being served.
6. Click on the X at the top of the notification window.
7. **Expected Result:** The notification window should close and the main window should remain open.

MyFoods 001, "Star" Food, Workaround

1. From the main window, click on a dining court (e.g "Wiley").
2. From the selected dining court's menu, click on the white "star" icon to the right of the second food displayed (e.g. Scrambled Eggs).
3. **Expected Result:** The star should change to the color "yellow" indicating that the food selected has been "starred".

MyFoods 002, View MyFoods List, Critical

1. From the main window, click on a dining court option (e.g. Wiley)
2. From the selected dining court's menu, click on the white "star" icon to the right of some of the foods ("star more than one).
3. Click on the "back" button.
4. From the main window, click on the "Gear" icon at the top right of the window.
5. From the resulting dropdown menu, click on the button "MyFoods"
6. **Expected Result:** The window should display a list of all foods that have been previously starred.

MyFoods 003, "Star" Functionality, Critical

1. From the main window, click on a dining court (e.g "Wiley").
2. From the selected dining court's menu, click on the white "star" icon to the right of the second food displayed (e.g Scrambled Eggs).
3. Click on the "back" button at the top of the window to go back to the main window
4. From the main window, click on the "Gear" icon at the top right of the window.
5. Click on the button "MyFoods"
6. **Expected Result:** The food selected should be displayed on the resulting window.

MyFoods 004, Delete Food Settings, Critical

1. From the main window, click on the "Gear" icon at the top right of the window.
2. Click on the button "MyFoods"
3. Click on the "trash" icon to the right of any food displayed on the resulting window (e.g. Pizza)
4. **Expected Result:** The window should update with the selected food no longer displaying in the window.

MyFoods 005, "Unstar" Food, Workaround

1. From the main window, click on a dining court (e.g "Wiley").
2. From the selected dining court's menu, click on the white "star" icon to the right of the second food displayed (e.g. Scrambled Eggs).
3. The star should change to the color "yellow" indicating that the food selected has been "starred"
4. Click on the "back" button at the top of the window to go back to the main window
5. From the main window, click on the same dining court.

6. From the selected dining court's menu, click on the yellow star to the right of the selected food.
7. **Expected Result:** The star next to the selected food should change from yellow to white.

MyFoods 006, "Unstar" Food Deletion, Critical

1. From the main window, click on the gear icon.
2. From the dropdown menu, click "MyFoods".
3. Find a food that is currently being served on a dining court menu.
4. Click on the "back" button at the top of the window to go back to the main window.
5. From the main window, click on the dining court serving the selected item.
6. From the selected dining court's menu, click on the yellow star to the right of the chosen food.
7. Click on the "back" button at the top of the window to go back to the main window.
8. From the main window, click on the "Gear" icon at the top right of the window.
9. Click on the button "MyFoods".
10. **Expected Result:** The food selected should not be displayed on the resulting window.

Search 001, Search Food, Critical

1. From the main window, click on the search bar text area near the top of the page.
2. Enter a food that is currently being served by at least one dining court (e.g. hamburger) into the search bar.
3. Click the "Search" button.
4. **Expected Result:** The window will display a list of results denoting every dining court which is currently serving a food containing the specified query (or that will serve a food containing the specified query in the future).

Search 002, Long Search Queries Equivalence, Workaround

6. From the main menu, click on the search bar text area near the top of the page.
7. Input any query string that is 513-5,000 characters long (e.g. copy a movie script online and paste into the search bar).
8. Click enter to submit the query.
9. **Expected Result:** An error dialog will appear: "The maximum query length is 512 characters".

Search 003, Long Search Queries Boundaries, Workaround

10. From the main menu, click on the search bar text area near the top of the page.
11. Input any query string that is 513 characters long
12. Click enter to submit the query.
13. **Expected Result:** An error dialog will appear: "The maximum query length is 512 characters".

Search 004, Search Query Ignores Case, Workaround

1. From the main menu, click on the search bar text area near the top of the page.
2. Input any query string of a food currently being served in at least one dining court (e.g. Pizza), with the query written as:
 - a. all lowercase letters
 - b. all uppercase letters
 - c. camel-case words.
3. Click enter to submit the query.
4. **Expected Result:** The window will display a list of results denoting every dining court which is currently serving a food containing the specified query (or that will serve a food containing the specified query in the future).

Search 005, Empty Search Query, Workaround

14. From the main window, click on the 'Submit' button that corresponds to the search bar on the top of the page.
15. **Expected Result:** An error dialog will appear: "You cannot submit an empty query".

Search 006, Click on Food Search Results, Important

1. From the main window, enter a food that is currently being served by at least one dining court (e.g. Pizza) in the search box.
2. Click "Search"
3. Click on the first result
4. **Expected Result:** The window will display information (allergens, ingredients, calories, etc) about the specified food.

FoodInfo 001, Click on Food From Dining Menu, Important

1. From the main window, click on a dining court (e.g. "Earhart").
2. The window should display a menu of different foods.
3. Click on a food that is listed (e.g. Pizza).
4. **Expected Result:** The allergens, ingredients, calories, and vegetarian status of a food should be displayed in the window along with an image of the food.

Preference 001, Open Dietary Preference Menu, Important

1. From the main window, click on the gear icon at the top right of the page.
2. From the resulting dropdown menu, click on "Dietary Preferences"
3. **Expected Result:** The window canvas should display checkboxes containing dietary preferences (e.g. No Allergens, Vegetarian Only, etc)

Preference 002, Saving Multiple Dietary Preferences, Important

1. From the main window, click on the gear icon at the top right of the page.
2. From the resulting dropdown menu, click on "Dietary Preferences".
3. Check on:
 - a. No dietary preferences

- b. Some dietary preferences
 - c. All dietary preferences
- 4. Click the "Save" button.
- 5. After application returns to main window, click the gear icon at the top of the right page.
- 6. From the resulting dropdown menu, click on "Dietary Preferences".
- 7. **Expected Result:** The dietary preferences window should appear, with the updated checkboxes still checked.

Preference 003, Search Results Dietary Preferences, Important

(n.b. the same dietary option should be used throughout the test)

- 1. From the main window, click on the gear icon at the top right of the page.
- 2. From the resulting dropdown menu, click on "Dietary Preferences".
- 3. Check a dietary option (e.g. Vegetarian).
- 4. Click the "Save" button.
- 5. Click the back button to go back to the main window.
- 6. Enter a food, which is both currently being served at a dining court and which complies with the previously specified dietary option, into the search bar at the top of the page.
- 7. Click Enter. A window will display showing the results of the query.
- 8. Click on the first result.
- 9. **Expected Result:** A window will display information about the selected food, also noting that it complies with the specified dietary option.

Preference 004, No Results Dietary Preferences, Important

(n.b. the same dietary option should be used throughout the test)

- 1. From the main window, click on the gear icon at the top right of the page.
- 2. From the resulting dropdown menu, click on "Dietary Preferences".
- 3. Check a dietary option (e.g. Vegetarian).
- 4. Click the "Save" button.
- 5. Click the back button to return to the main window.
- 6. Enter a food, which is both currently being served at a dining court and which complies with the previously specified dietary option, into the search bar at the top of the page.
- 7. Click Enter.
- 8. **Expected Result:** The window canvas should update, indicating that no results were found for the given query.

Preference 005, Dietary Preferences on Menu Scroll, Important

- 1. From the main window, click on the gear icon at the top right of the page.
- 2. From the resulting dropdown menu, click on "Dietary Preferences".
- 3. Check on 1 or more "Avoid Allergen" options.
- 4. Click the "Save" button.
- 5. Click the back button to return to the main window.
- 6. Click on a dining court option (e.g. "Earhart").
- 7. Click on the first 5 items on the menu, or as many results that display on the screen.

8. **Expected Result:** None of the selected items should contain the allergens previously specified.

CloseApp 001, Close Application, Critical

1. Click the red X at the top of the window
2. **Expected Result:** The window should close and disappear from the screen.