Test Case Scenarios

For

Defender Sprint 4

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# Introduction

Functional Testing validates that the system conforms to the acceptance criteria for each user story which have been allocated during the Defender Sprint 4 sprint. The functional test cases that

# Test Cases

**Defender Homepage Smoke Test -Sprint 1&2  
Reference:** 0001  
This test case verifies that the Defender application homepage appears when selecting the URL: http://54.175.49.23:9000  
  
  
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to view a summary of food recalls that have occurred in the last 30 days so that I am aware of the latest recalls.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Select your Firefox or Chrome web browser icon  
  
**Expected Result**The user is re-directed to the homepage for the web browser selected  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Enter the following url in your web browser hrrp://54.175.49.23:9000 and select enter  
  
**Expected Result**The defender application homepage appears  
  
**Actual Result**

**View Open/FDA Food data on recalls in the last 30 days elegantly summarized on a single page- Sprint 2  
Reference:** 0002  
This test case validates that the user has the ability to see Open/FDA data on recalls in the last 30 days for Foods elegantly summarized on a single page.  
  
  
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to view a summary of food recalls that have occurred in the last 30 days so that I am aware of the latest recalls.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Navigate to the following link to open the Defender application http://54.175.49.23:9000/  
  
**Expected Result**The user is re-directed to the Defender application  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Validate that the user is able to view Open/FDA data on recalls in the last 30 days  
  
**Expected Result**The system will display Open/FDA data within the last 30 calendar days from today on the homepage upon launching the application  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Validate that the results display data from enforcement reports from food  
  
**Expected Result**The results display data from enforcement reports from food  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Navigate to the results returned on the page and ensure the records contain the following fields

- Report date

- Classification

- Recalling firm

- Product Description

- Status  
  
**Expected Result**The results returned on the page contain the following fields

- Report date

- Classification

- Recalling firm

- Product Description

- Status  
  
**Actual Result**

**Step No. 5  
Status:** Passed  
Navigate to the following link https://open.fda.gov/food/enforcement/ and run the following query for One enforcement Report for the last 30 Days for Food

https://api.fda.gov/food/enforcement.json?search=report\_date:[20150520+TO+20150620]&limit=1

Note:(The query above searches for date range May 20th 2014 -June 20 2015. the date needs to be updated per the current 30 days from the date of execution)  
  
**Expected Result**The recalls that are returned from the query match the Food records that were displayed in the defender homepage upon inital login  
  
**Actual Result**

**Step No. 6  
Status:** Passed  
Validate that the results shown have zebra stripe rows  
  
**Expected Result**The results shown have zebra stripe rows  
  
**Actual Result**

**Step No. 7  
Status:** Passed  
Ensure the page has a flat design  
  
**Expected Result**The page has a flat design  
  
**Actual Result**

**View more data from the enforcement report -Sprint3  
Reference:** 0006  
This test case validates that the system allows the user see 'more' data that is from the enforcement report by selecting a particular report entry from the summary grid  
  
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to view the applicable enforcement report so that I can see all data.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Select a particular report entry from the summary grid and select the more button  
  
**Expected Result**Upon selecting the more button, the Defender application will list all fields for a single enforcement report in a column format  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Validate that upon selecting a particular report entry from the summary grid,that defender will provide a separate entity for main viewing area - modal  
  
**Expected Result**Upon selecting a particular report entry from the summary grid the defender application will provide a separate entity for main viewing area- modal  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Navigate back to to defender by selecting the close button  
  
**Expected Result**The system will allow navigation back to defender by selecting the close button  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Validate that grid fits in defined height  
  
**Expected Result**The grid displayed on the page fits in the defined height  
  
**Actual Result**

**Step No. 5  
Status:** Passed  
Validate that there are titles/info text in the grid  
  
**Expected Result**The system displays titles/info text in the grid  
  
**Actual Result**

**View a map of the world zoom and switch to grid- Sprint 3  
Reference:** 0007  
This test case validates the ability for the Defender application to show map of the world , provide zooming in and out, moving panning, show map on the page with grid, and have page titles.  
  
**Duration:** 1min 43secs   
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to view a map of the world and switch to it from viewing a grid.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Validate that the defender application shows a map of the world  
  
**Expected Result**The defender application shows a map of the world  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Zoom in on the map  
  
**Expected Result**The system provides the ability to zoom in on the map  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Zoom out of the map  
  
**Expected Result**The system provides the ability for the user to zoom out of the map  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Validate that the system has the capability for panning  
  
**Expected Result**The system has the capability for panning  
  
**Actual Result**

**Step No. 5  
Status:** Passed  
Validate that the system shows a map on the page with a grid  
  
**Expected Result**The system shows a map on the page with a grid  
  
**Actual Result**

**Step No. 6  
Status:** Passed  
Validate that there are page titles  
  
**Expected Result**The system contains page colors  
  
**Actual Result**

**View the total number of recalls in the last 30 days- Sprint 4  
Reference:** 90  
This test case validates that the system displays the total number of food recalls in the last 30 days  
  
**Duration:** 20mins 42secs   
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to see the total number of recalls in the last 30 days.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Navigate to the defender homepage and view the number of food recalls in the last 30 days  
  
**Expected Result**The system displays the total number of food recalls in the last 30 days  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Navigate to the following link https://open.fda.gov/food/enforcement/ and run the following query for One enforcement Report for the last 30 Days for Food

https://api.fda.gov/food/enforcement.json?search=report\_date:[20150522+TO+20150622]&limit=100

Note:(The query above searches for date range May 20th 2014 -June 20 2015. the date needs to be updated per the current 30 days from the date of execution)  
  
**Expected Result**The system retuns food recalls from the last 30 days  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Count the number of recalls returned from the query and compare with the number of recalls listed on the homepage  
  
**Expected Result**The number of recalls returned in the query matches the number of recalls displayed on the Defender homepage  
  
**Actual Result**

**View a map of the recalls that have occured in the last 30 days to view where the recalls came from- Sprint 4  
Reference:** 30  
This test case validates that the user has the ability to view a map of the recalls that have occured in the last 30 days to view where the recalls came from  
  
**Duration:** 13mins 29secs   
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to view a map of the recalls that have occurred in the last 30 days so that I can see where the recalls came from.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Navigate to the map interface and validate that recalls for the last 30 days are summarized on a map interface  
  
**Expected Result**Recalls for the last 30 days are summarized on a map interface  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Validate that location is based on API 'country' and 'state' data fields  
  
**Expected Result**Location is based on API 'country' and 'state' data fields  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Validate that there is a visual indicator for the food related enforcement  
  
**Expected Result**The system displays a visual indicator for the food related enforcement  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Navigate to the following link https://open.fda.gov/food/enforcement/ and run the following query for One enforcement Report for the last 30 Days for Food

https://api.fda.gov/food/enforcement.json?search=report\_date:[20150522+TO+20150622]&limit=100

Note:(The query above searches for date range May 20th 2014 -June 20 2015. the date needs to be updated per the current 30 days from the date of execution)  
  
**Expected Result**The system returns recalls from the past 30 days  
  
**Actual Result**

**Step No. 5  
Status:** Passed  
Ensure that the city and state for each recall listed in the returned results are reflected in the appropriate city and state on the map  
  
**Expected Result**The city and state for each recall listed in the returned results are reflected in the appropriate city and state on the map  
  
**Actual Result**

**Step No. 6  
Status:** Passed  
Validate that indicators shall are by country for non-US  
  
**Expected Result**Indicators are by country for non-US  
  
**Actual Result**

**Step No. 7  
Status:** Passed  
Close your browser and navigate back to the Defender homepage  
  
**Expected Result**The default scope of map is entire world  
  
**Actual Result**

**Step No. 8  
Status:** Passed  
Zoom from entire world view to a finer view of the US, then to States from the map  
  
**Expected Result**The system allows the user to to zoom from entire world view to a finer view of the US, then to States using the map  
  
**Actual Result**

**Refine results by a specific keyword and view recall information related to it- Sprint 4  
Reference:** 28  
This test case validates that the user has the ability to refine results by a specific keyword and view recall information related to it  
  
  
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to refine results by a specific keyword so that I can see any recall information related to it

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Navigate to the Defender application and enter a keyword or phrase that is known to be associated with the product or description field of a food recall from the last 30 days  
  
**Expected Result**The system returns food recall results which contain the keyword or phrase entered that are associated with the product or description field for recalls from the last 30 days  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Validate that results are refined and displayed in the summary view  
  
**Expected Result**Results are refined and displayed in the summary view  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Validate that there is helper text with a suggestion for keyword search  
  
**Expected Result**The system provides helper text with a suggestion for keyword search  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Ensure that when results are returned the system displays the total # with number of pages  
  
**Expected Result**When results are returned the system displays the total # with number of pages  
  
**Actual Result**

**Step No. 5  
Status:** Passed  
Navigate between pages of results  
  
**Expected Result**The system provides the ability to navigate between pages of results  
  
**Actual Result**

**Step No. 6  
Status:** Passed  
Validate that the results shown have zebra stripes  
  
**Expected Result**The results shown have zebra stripes  
  
**Actual Result**

