Test Cases and Results

For

Defender Sprint 2

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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 Sprint 2 of the Defender application.

# Test Cases

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

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

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

**View Open/FDA data on recalls in the last 30 days, for Food, elegantly summarized on a single page  
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  
  
**Duration:**   
**Status:** Passed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**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

**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

**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

**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

**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=10

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 initial login

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

**Step No. 11  
Status:** Passed Testing  
Ensure the page has a flat design  
  
**Expected Result**The page has a flat design

**Below are** Test Cases Planned for Sprint 2 but moved to the backlog for subsequent sprints hence the status: Pending

**View more data from the enforcement report  
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  
  
**Duration:**   
**Status:** Pending  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Test Case Steps**

**Step No. 1  
Status:** Pending  
Select a particular report entry from the summary grid  
  
**Expected Result**The Defender application will list all fields for a single enforcement report

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

**Step No. 3  
Status:** Pending  
Navigate back to the defender  
  
**Expected Result**The system will allow navigation back to defender

**View a map of the world zoom and switch to grid  
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, and flipping to a grid view with no info on the map.  
  
**Duration:**   
**Status:** Pending  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Test Case Steps**

**Step No. 1  
Status:** Pending  
Validate that the defender application shows a map of the world  
  
The defender application shows a map of the world

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

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

**Step No. 4  
Status:** Pending  
Flip to a grid view from the map view  
  
**Expected Result**The system provides the ability for the user to flip to a grid view from the map view

**Step No. 5  
Status:** Pending  
Validate that there is no info on the map  
  
**Expected Result**There is no info on the map