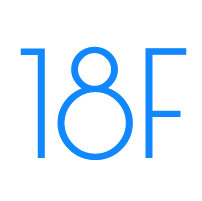
Defender Sprint 5 Test Report

**Deliver To:**

****

Request for Quotation (RFQ)

4QTFHS150004

SIN 132-51

General Services Administration (GSA) Federal Acquisition Service, Integrated Technology Service National IT Commodity Program

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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 2 sprint. The functional test cases that

# Test Cases Executed

**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 you’re 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 initial 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 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, and show map on the page with grid, and have page titles.  
  
  
**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  
  
  
**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 returns 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 occurred 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  
  
  
**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**

this requirement was deffered  
  
**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**

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

**View a map of affected areas based on Recalls- Sprint 5  
Reference:** 45  
  
  
  
**Status:** Failed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to view a map of affected areas based on my recalls.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Navigate to the defender application and view the affected geographical areas for a selected enforcement action on a map  
  
**Expected Result**The Defender application will present on a map interface the affected geographical areas for a selected enforcement action.  
  
**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 returns recalls from the past 30 days  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Using the query results validate that state noted in the distribution pattern field for a selected recall appears on the map as an affected area  
  
**Expected Result**The state noted in the distribution pattern field appears on the map as an affected area for the recalls in the query result  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Validate that the map provides a view over affected states for US, and countries for non-US areas  
  
**Expected Result**The map map provides a view over affected states for US, and countries for non-US areas  
  
**Actual Result**

**Step No. 5  
Status:** Passed  
Validate that the affected areas on the map only show for date ranges less than 30 days  
  
**Expected Result**The affected areas on the map only show for date ranges less than 30 days  
  
**Actual Result**

**Step No. 6  
Status:** Failed  
Type dog in the search and click the magnifying glass icon  
  
**Expected Result**The system returns a message 'good news, no affected areas!'  
  
**Actual Result**

The system does not display "Good news, no Affected areas!" when searching for recalls as per the requirement  
  
**Step No. 7  
Status:** Pending  
Navigate between the grid and map interface  
  
**Expected Result**The Defender application provides the option to navigation between grid and map interface  
  
**Actual Result**

**Step No. 8  
Status:** Pending  
Close the browser and navigate back to the Defender application  
  
**Expected Result**The Default scope of map is entire world  
  
**Actual Result**

**Step No. 9  
Status:** Pending  
Zoom from entire world view to a finer view of the US, then to States  
  
**Expected Result**The system provides the ability to Zoom from entire world view to a finer view of the US, then to States  
  
**Actual Result**

**View the About Feature for Defender-Sprint 5  
Reference:** 111  
This test case validates that the user has the ability to select an About link for the Defender application which presents information about Defender  
  
  
**Status:** Failed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to see an 'About Defender' feature

**Test Case Steps**

**Step No. 1  
Status:** Failed  
Navigate to the Defender application and select the About Defender Icon  
  
**Expected Result**The system returns the follwing text:

Defender is an open source project \_\*\*(Note 'open source project' should link to Defender's GitHub site)\*\*\_ created by INTEGRITYOne Partners as a concept for the GSA/18F Agile Delivery Services challenge.

Defender combines information and presents a broader perspective to inform of current FDA enforcement reports. The idea is to provide a big picture utility that combines the more formal enforcement data from FDA with the less formal information from the broad internet community, toward an objective of creating a quick-glance ability to improve knowledge and awareness of these activities.

Caution: url.Defender.??? \_\*\*(not sure what the url is)\*\*\_ includes data and links to non-governmental organizations, websites and other resources. These resources are provided for informational purposes only. Defender is not for clinical use. For certain, always consult your physician and lawyer before taking action on information found in this site.  
  
**Actual Result**

About is not displayed as an icon as per the acceptance criteria  
  
**Step No. 2  
Status:** Pending  
Validate that there is a Logo for Defender  
  
**Expected Result**The system displays a logo for the Defender application  
  
**Actual Result**

**Step No. 3  
Status:** Pending  
Navigate to the footer for social media and validate that the footer has been updated with icons and links  
  
**Expected Result**The footer for social media has been updated with icons and links  
  
**Actual Result**

**The footer for social media is not updated with icons and links as per the acceptance criteria**

**Search trend data for keywords to gain additional knowledge about trends on the internet- Sprint 5  
Reference:** 033  
This test case validates that the Defender application includes Google Trends data related to data found in Open/FDA.  
  
**Duration:** 9mins 41secs   
**Status:** Failed  
**Script Type:** Application  
**Component:** (none)  
**Assigned To:** IOP-3K8DSY1\dkamal  
  
**Requirement Association**

* As a user, I would like to search trend data for keyword in order to gain additional knowledge about trends on the internet.

**Test Case Steps**

**Step No. 1  
Status:** Passed  
Open the Defender application and navigate to the Google Trends section  
  
**Expected Result**As default, the defender application presents Google Trends data relating to 'Food Recall'  
  
**Actual Result**

**Step No. 2  
Status:** Passed  
Enter a keyword and search Google  
  
**Expected Result**When a keyword is specified, Google Trends data relating to the keyword string  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Select a specific report  
  
**Expected Result**when a specific report is viewed, Google Trends data relating to product\_description parsed to not include superfluous details (weight, upc, etc.)  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Validate that the Defender application includes Google Trends for Interest Over Time, Regional Interests, and Related Searches  
  
**Expected Result**The Defender application includes Google Trends for Interest Over Time, Regional Interests, and Related Searches  
  
**Actual Result**

**Step No. 5  
Status:** Passed  
Validate that for Interest Over Time News headlines are included  
  
**Expected Result**For Interest Over Time News headlines are included  
  
**Actual Result**

**Step No. 6  
Status:** Passed  
Validate that for Regional Interest the default is worldwide view  
  
**Expected Result**For Regional Interest the default is worldwide view  
  
**Actual Result**

**Step No. 7  
Status:** Failed  
Type in the search a word that has no google trend  
  
**Expected Result**When Google Trends has no trends response, related Defender frames displays 'Nothing Trending on Google!'  
  
**Actual Result**

Related Defender frames do not display 'Nothing Trending on Google!' when Google trends have no trends response

**View a summary of drug recalls that have occurred in the last 90 days- Sprint 5  
Reference:** 082  
This test case validates that the user has the ability to see Open/FDA data on recalls in the last 90 days for Drugs 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 drug recalls that have occurred in the last 90 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  
Navigate to the following link https://open.fda.gov/drugs/enforcement/ and run the following query for One enforcement Report for the last 30 Days for Food

https://api.fda.gov/drugs/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 Drug records that were displayed in the defender homepage upon inital login  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Validate that the results shown have zebra stripe rows  
  
**Expected Result**The results shown have zebra stripe rows  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Ensure the page has a flat design  
  
**Expected Result**The page has a flat design  
  
**Actual Result**

**View a summary of Device recalls that have occurred in the last 90 days-Sprint 5  
Reference:** 083  
This test case validates that the user has the ability to see Open/FDA data on recalls in the last 90 days for Devices 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 devices recalls that have occurred in the last 90 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  
Navigate to the following link https://open.fda.gov/device/enforcement/ and run the following query for One enforcement Report for the last 30 Days for Food

https://api.fda.gov/device/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 Device records that were displayed in the defender homepage upon inital login  
  
**Actual Result**

**Step No. 3  
Status:** Passed  
Validate that the results shown have zebra stripe rows  
  
**Expected Result**The results shown have zebra stripe rows  
  
**Actual Result**

**Step No. 4  
Status:** Passed  
Ensure the page has a flat design  
  
**Expected Result**The page has a flat design  
  
**Actual Result**

