[**93565: SQATS - Release 0.5 - Verify image viewer provides standard**](https://DNS) **[set of image manipulation tools](https://DNS)**



State:Draft

Originator:Gowru, Bhavana (LongView) Owner:Unassigned

Type:Manual

Test Data:Unassigned

Copied To:[SQATS - Build 3 - Verify image viewer provides standard set of image manipulation tools](https://DNS.523)

Description:

**Summary**

**Categories**

**Formal Review**

General Comments

**Manual Steps**

**Step 1**

**Execution Step**

Description

When user selects and opens the image

Expected Results

Image Viewer opens with image and displays with standard tools according to the type of file opened

Zoom , Magnify, pan, rotate, invert, window and level, measurement, Color filters, display Hounsfield as for DICOM files

Comments

Validates

Attachments

**Step 2**

**Execution Step**

Description

Select Zoom and click on dropdown

Expected Results

Zoom options displays 100%, Fit to Window, Fit width to window, Fit Height-to Window, Custom

Comments

Validates

Attachments

**Step 3**

**Execution Step**

Description

Select 100%

Expected Results

the user can zoom in on the selected image

Comments

Validates

Attachments

**Step 4**

**Execution Step**

Description

Verify Fit to Window, Fit width to window, Fit Height-to Window

Expected Results

Each option should zoom according to selected option

Comments

Validates

Attachments

**Step 5**

**Execution Step**

Description

Select Custom from zoom dropdwon

Expected Results

TBD Comments

Validates

Attachments

**Step 6**

**Execution Step**

Description

Select magnify

Expected Results

user should be able to magnify selected parts of the image

Comments

Validates

Attachments

**Step 7**

**Execution Step**

Description

select pan and zoom the image to use the pan funtionality

Expected Results

should be available for move the image

Comments

Validates

Attachments

**Step 8**

**Execution Step**

Description

Select rotate

Expected Results

user able to rotate the image as apprrropriate

Comments

Validates

Attachments

**Step 9**

**Execution Step**

Description

When user rotates the images make sure the coordinates displayed on the image should change according to the image

Expected Results

All the image coordinates rotates with the image

Comments

Validates

Attachments

**Step 10**

**Execution Step**

Description

Select window and level and click on the dropdwon

Expected Results

Window leveling should be able to apply to the image

Default, Abdomen, bone, brain, head/neck, lung, custom

Comments

Validates

Attachments

**Step 11**

**Execution Step**

Description

Select each options from the dropdown and verify

Expected Results

each option should change the image according to the specification

Comments

Validates

Attachments

**Step 12**

**Execution Step**

Description

Select measurement and click

Expected Results

2D length, 2D point, Delete All

Comments

Validates

Attachments

**Step 13**

**Execution Step**

Description

Select 2D length and measure

Expected Results

a scale opens on the image and user able to measure in Cm

Comments

Validates

Attachments

**Step 14**

**Execution Step**

Description

Select 2D Point

Expected Results

on the image user able to measure in pix

Comments

Validates

Attachments

**Step 15**

**Execution Step**

Description

Select delete All

Expected Results

All the measurements will be deleted from the image

Comments

Validates

Attachments

**Step 16**

**Execution Step**

Description

Select color filters

Expected Results

Comments

Validates

Attachments

**Associated E-Signatures**

**Signed Action Signer Comment Additional Information**