Freehand tool width enhancement

Test Id   1

Test name   Freehand tool width enhancement

Description Validate that the freehand width enhancement changes the line thickness for the freehand tool only and correctly handles invalid input

Test Status Complete

Test case #	Scenario	Steps	Expected Output	Actual output	Pass /Fail
1.1	**That the default 2 pixels is set when the tool is chosen**	1. Select the freehand tool2. Verify the selected line width3. Draw a line4. Visually verify a width of 2px.	A line of 2px drawn to the canvas and the edit field contains a 2.	As expected	Pass
1.2	**That when the user enters a valid number that the line is drawn at the correct width**	1. Select the freehand tool2. Enter a width of '1'3. Draw a line4. Visually verify the width of the line5. Repeat steps 1-3 width widths: 2, 10, 25, 49 and 50	A series of lines of width 1, 2, 10, 25, 49, 50	As expected	Pass
1.3	**If an invalid number is entered the programme tells the user and reverts back to the previous value**	1. Select the freehand tool 2. Enter a width of 03. Verify error message4. Repeat steps 1 and 2 with widths: -1,0,51,a,abc and @	An error message for each incorrect input	As expected	Pass
1.4	**When a new tool is selected the line width is set correctly for that tool.**	1. Select the freehand tool2. change the width to 50 and draw on the canvas3. Change to the mirror tool4. visually verify the stroke width when using the mirror tool	Mirror tool draws at 1px stroke width	As expected	Pass
1.5	**When the pencil tool is reselected the previous width should be restored.**	1. Select the freehand tool2. Change the width to 503. Change to the mirror tool4. Change back to the freehand tool and verify width of pencil is 50px	The freehand tool draws a line of width 50 after being reselected	As expected	Pass