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	Completed

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 tool 2. Verify the selected line width 3. Draw a line 4. 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 move the slider that the line is drawn at the correct width**	1. Select the freehand tool 2. Enter a width of '1' 3. Draw a line 4. Visually verify the width of the line 5. Repeat steps 1-3 width widths: 25 and 50	A series of lines of width 25, 50	As expected	Pass
1.3	**When a new tool is selected the line width is set correctly for that tool.**	1. Select the freehand tool 2. change the width to 50 and draw on the canvas 3. Change to the mirror tool 4. visually verify the stroke width when using the mirror tool	Mirror tool draws at 1px stroke width	As expected	Pass
1.4	**When the pencil tool is reselected the previous width should be restored.**	1. Select the freehand tool 2. Change the width to 50 3. Change to the mirror tool 4. 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

Freehand tool Edit shape enhancement

Test Id	2
Test name	Freehand tool width enhancement
Description	Validate that the vertices appeared after click the Edit shape button and able to change the shape and disappear after click the Add vertices button,
	draw a new line after click the Finish Shape button
Test Status	Completed

Test case #	Scenario	Steps	Expected Output	Actual output	Pass /Fail
1.1	**That when the user click on the edit Shape button the purple point appear**	1. Select the freehand tool 2. Draw a line of 2px 3. Click on the Edit Shape 4. Visually verify purple point appear	A line of 2px drawn to the canvas and the edit field contains purple points.	As expected	Pass
1.2	**That when the user move the points, it was moved**	1. Select the freehand tool 2. Draw a line 3. Click on the Edit Shape 4. Visually verify the point was moved	The purple points were moved	As expected	Pass
1.3	**That when the user click on the Add Vertices button the purple point disappear**	1. Select the freehand tool 2. Draw a line 3. Click on the Edit Shape 4. Click on the Add vertices 4. Visually verify the point was disappeared	The purple points disappear	As expected	Pass
1.4	**That when the user click on the Finish Shape button the purple point disappear**	1. Select the freehand tool 2. Draw a line 3. Click on the Edit Shape 4. Click on the Finish Shape 5. Visually verify the point was disappeared	The purple points disappear	the purple point is still here	Fail
1.5	**That when the user click on the Finish Shape button can draw a new line separately**	1. Select the freehand tool 2. Draw a line 3. Click on the Finish Shape 4. Visually verify the new line show	The new line work well	The line is still connect with the previous line	Fail

MirrorDraw tool width enhancement

Test Id	3
Test name	MirrorDraw tool width enhancement
Description	Validate that the MirrorDraw width enhancement changes the line thickness for the MirrorDraw tool only and correctly handles invalid input
Test Status	Completed

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 MirrorDraw tool 2. Verify the selected line width 3. Draw a line 4. 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 move the slider that the line is drawn at the correct width**	1. Select the MirrorDraw tool 2. Enter a width of '1' 3. Draw a line 4. Visually verify the width of the line 5. Repeat steps 1-3 width widths: 25	A series of lines of width 25, 50	As expected	Pass
1.3	**When a new tool is selected the line width is set correctly for that tool.**	1. Select the MirrorDraw tool 2. change the width to 50 and draw on the canvas 3. Change to the mirror tool 4. visually verify the stroke width	Mirror tool draws at 1px stroke width	As expected	Pass
1.4	**When the pencil tool is reselected the previous width should be restored.**	1. Select the freehand tool 2. Change the width to 50 3. Change to the mirror tool 4. 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
1.5	**When the pencil tool is reselected the previous width should be restored.**	1. Select the freehand tool 2. Change the width to 50 3. Change to the mirror tool 4. 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

LineTo tool width enhancement

Test Id	4
Test name	LineTo tool width enhancement
Description	Validate that the line width enhancement changes the line thickness for the LineTo tool only and correctly handles invalid input
Test Status	Completed

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 LineTo tool 2. Verify the selected line width 3. Draw a line 4. Visually verify a width of 1px.	A line of 1px drawn to the canvas and the edit field contains a 1.	As expected	Pass
1.2	**That when the user move the slider that the line is drawn at the correct width**	1. Select the LineTo tool 2. Enter a width of '1' 3. Draw a line 4. Visually verify the width of the line 5. Repeat steps 1-3 width widths: 25	A series of lines of width 25, 50	As expected	Pass
1.3	**When a new tool is selected the line width is set correctly for that tool.**	1. Select the LineTo tool 2. change the width to 50 and draw on the canvas 3. Change to the LineTo tool 4. visually verify the stroke width	LineTo tool draws at 1px stroke width	As expected	Pass
1.4	**When the pencil tool is reselected the previous width should be restored.**	1. Select the LineTo tool 2. Change the width to 50 3. Change to the mirror tool 4. Change back to the LineTo tool and verify width of pencil is 50px	The LineTo tool draws a line of width 50 after being reselected	As expected	Pass

SprayCan tool width enhancement

Test Id	5
Test name	SprayCan tool width enhancement
Description	Validate that the SprayCan width enhancement changes the line thickness for the SprayCan tool only and correctly handles invalid input
Test Status	Completed

Test case #	Scenario	Steps	Expected Output	Actual output	Pass /Fail
1.1	**That when the user move the slider that the line is drawn at the correct width**	1. Select the SprayCan tool 2. Enter a width of '1' 3. Draw with spray 4. Visually verify the width of the line of width 10 and 20	A series of lines of width 10, 20	As expected	Pass
1.2	**That when the user move the slider that the line is drawn at the correct point**	1. Select the SprayCan tool 2. Enter a point of '10' 3. Draw with spray 4. Visually verify the width of the line of width 30 and 60	A series of lines of width 30, 60	As expected	Pass
1.3	**That when the user move the slider that the line is drawn at the correct spread**	1. Select the SprayCan tool 2. Enter a point of '5' 3. Draw with spray 4. Visually verify the width of the line of width 25 and 50	A series of lines of width 25, 50	As expected	Pass
1.4	**When a new color is selected the spay color is changed**	1. Select the SprayCan tool 2. Draw with spray 3. Change to red color 4. Draw again with spray, visally verify a new color is appiled	The new spray will be in red color	As expected	Pass
1.5	**When the spray tool is reselected the previous widths should be restored.**	1. Select the SprayCan tool 2. Change the width to 20, point to 60, spread to 50 3. Change to the mirror tool 4. Change back to the Spray tool and verify width of width is 20px, point is 60px, spread is 50	The spray tool draws a spray line of width 50, point 60 and spread 50 after being reselected	As expected	Pass

Shape tool width enhancement

Test Id	6
Test name	Shape tool width enhancement
Description	Validate that the shape width enhancement changes the line thickness for the Shape tool only and correctly handles invalid input
Test Status	Completed

Test case #	Scenario	Steps	Expected Output	Actual output	Pass /Fail
1.1	**That when the user click with a selected shape is drawn**	1. Select the shape tool 2. Select circle button 3. Draw a circle 4. Visually verify the circle is drawn	A cicrle shape of 5px stroke drawn to the canvas	As expected	Pass
1.2	**That when the user click with a selected shape is drawn**	1. Select the shape tool 2. Select triangle button 3. Draw a triangle 4. Visually verify the circle triangle is drawn	A triangle shape of 5px stroke drawn to the canvas	The shape of triangle is successfully drawn with some uncontralable length	Fail
1.3	**That when the user click with a selected shape is drawn**	1. Select the shape tool 2. Select square button 3. Draw a square 4. Visually verify the square is drawn	A square shape of 5px stroke drawn to the canvas	As expected	Pass
1.4	**That the default 5 pixels circle shape is set when the tool is chosen**	1. Select the shape tool 2. Verify the selected stroke width 3. Draw a cicrle without select any button 4. Visually verify a width of 5px.	A stroke of 5px drawn to the canvas and the edit field contains a 5.	As expected	Pass
1.5	**That when the user move the slider that the shape is drawn at the correct width**	1. Select the Shape tool 2. Enter a width of '1' 3. Draw a circle 4. Visually verify the width of the shape	A series of shape of width 25, 50	As expected	Pass
1.6	**When the shape tool is reselected the previous width should be restored.**	1. Select the Shape tool 2. Change the width to 1 3. Change to the mirror tool 4. Change back to the Shape tool and verify width of shape is 1px	The Shape tool draws a circle of width 1 after being reselected	As expected	Pass

Stamp tool extension and stamp number enhancement

Test Id	7
Test name	Stamp tool extension and stamp number enhancement
Description	Validate that the Stamp number changes the stamp number for the Shamp tool only and correctly handles invalid input
Test Status	Completed

Test case #	Scenario	Steps	Expected Output	Actual output	Pass /Fail
1.1	That the default number and size is set when the tool is chosen	1. Select the stamp tool 2. Verify the selected number and size of the stamp 3. Draw a stamp line 4. Visually verify two stamp is drawn with a number of 1and size of 20 of	A stamp line of number is 1 and size is 20 drawn to the canvas	As expected	Pass
1.2	That when the user move the slider that the stamp line is drawn at the correct stamp number	1. Select the Stamp tool 2. Enter a number of stamp '1' 3. Draw with stamp 4. Visually verify the width of the stamp line of number 15 and 30	A series of lines of width 15, 30	As expected	Pass
1.3	That when the user move the slider that the stamp line is drawn at the correct stamp size	1. Select the Stamp tool 2. Enter a size of stamp '5' 3. Draw with stamp 4. Visually verify the width of the stamp line of size 25 and 50	A series of lines of width 25, 50	As expected	Fail
1.4	When the stamp tool is reselected the previous width should be restored.	1. Select the stamp tool 2. Change the number to 30, size to 50 3. Change to the mirror tool 4. Change back to the stamp tool and verify number of stamp is 30 and size of stamp is 50	The stamp tool draws a stamp line of stamp size 30 and stamp number 50 after being reselected	As expected	Pass
1.5	That when the user click the star button the stamp change to draw only star line	1. Select the stamp tool 2. Select the star button 3. Draw a stamp line 4. Visually verify star stamp is drawn	A star stamp line is drawn to the canvas	The stamp icon remind the same with two icons	Fail
1.6	That when the user click the paw button the stamp change to draw only paw line	1. Select the stamp tool 2. Select the paw button 3. Draw a paw line 4. Visually verify paw stamp is drawn	A paw stamp line is drawn to the canvas	The stamp icon remind the same with two icons	Fail

Eraser tool extension and width enhancement

Test Id	8
Test name	Eraser tool extension and width enhancement
Description	Validate that the Eraser width enhancement changes the line thickness for the Eraser tool only and correctly handles invalid input
Test Status	Completed

Test case #	Scenario	Steps	Expected Output	Actual output	Pass /Fail
1.1	**That the default 30 pixels is set when the tool is chosen**	1. Select the spray tool 2. Draw 8 lines 3. Select eraser tool 4. Erase the line 5. Visually verify the width of the eraser is 30px	Lines is reomoved by 30px of eraser tool to the canvas	As expected	Pass
1.2	**That when the user move the slider that the eraser is set at the correct width**	1. Select the spray tool 2. Draw 8 line 3. Select eraser tool 4. Enter a width of '1' 5. Visually verify the width of eraser 6. Repeat steps 1-3 width widths: 50	A series of eraser of width 50, 100	As expected	Pass
1.3	**When a new color is selected the spray is set correctly for that tool.**	1. Select the spray tool 2. Draw 3 lines 3. Select eraser tool 4. Change a color 5. Visually verify the eraser is still working and remove the lines	Lines is reomoved by the eraser without new color	As expected	Pass
1.4	**When the eraser tool is reselected the previous width should be restored.**	1. Select the eraser tool 2. Change the width to 100 3. Change to the mirror tool 4. Change back to the eraser tool and verify width of eraser is 100px	The Eraser tool remove a line of width 100 after being reselected	As expected	Pass