

Use Case Number	#1
Application	QtCreator
Use Case Name	Draw geometric shapes
Use Case Description	The user will be able to create shapes such as circle, triangle, rectangle, pentagon, etc. on the canvas.
Primary Actor	Users who want to draw shapes
Precondition	QtWidget and QPainter should be all loaded and working
Trigger	Pressing on the desired shape on the UI.
	Press on the icon of the desired shape.
Basic Flow	The desired shape should show up on the canvas.
Alternate Flows	Make sure the dimensions are reasonable. No negative values.
Use Case Number	#2
Application	QtCreator
Use Case Name	Putting text on canvas
Use Case Description	The user will be able to create text on the plane that can vary in size, font family, font style, and font-weight.
Primary Actor	User
Precondition	QtWidget and QPainter should be all loaded and working
Trigger	Click on the text icon to write

	Click on the text icon
	Text should show up on the canvas
Basic Flow	Can change the size, font, font style, etc
Alternate Flows	Make sure the dimensions are reasonable. No negative values.
Use Case Number	#3
Application	QtCreator
Use Case Name	Change the color
Use Case Description	A user can change the color of a shape using predetermined colors (blue, red, green, black, purple, pink, etc.) or enter in a custom RGB value.
Primary Actor	User
Precondition	User have one given or chosen shape
Trigger	User want to change the color or the shape
	Choose the shape you want to change
Basic Flow	User enter an RGB value to create a custom color to change a shape to
	Verify that all predetermined colors can be used on all possible shape categories
	Verify that RGB colors can be used on all possible shape categories
Alternate Flows	Verify that color selection menu works properly