



Cross Stich Controller Testing Plan

S.No	Description	Test Case	Expected
1	Load the file by giving file name as "Test.png" and verify result by log.toString()	testLoad ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: loadImage and Filename: Test.png\n" + "Function: clearLegend\n" + "Function: setImageOperationsPerformedStatus and flag: false\n" + "Function: enableImageOperation\n" + "Function: setProgressBarText and message: Success.\n" + "Function: disableMouseListenerOnImagePanel\n"
2	Save the image file by giving file name "Test.png" and verify result by log.toString()	testSaveImage ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: saveImage and Filename: Test.png\n" + "Function: setImageOperationsPerformedStatus and flag: false\n" + "Function: setProgressBarText and message: Success.\n"

			+ "Function: disableMouseListenerOnImagePanel\n"
3	Grayscale the image and verify result by log.toString()	testGrayScaleImage ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: grayScale\n" + "Function: clearLegend\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
4	Sepia the image and verify result by log.toString()	testSepialImage ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: sepia\n" + "Function: clearLegend\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
5	Blur the image and verify result	testBlurImage ()	Log.toString() = "Function: setFeatures and feature object passed\n"

	by log.toString()		+ "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: blur\n" + "Function: clearLegend\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
6	Sharpen the image and verify result by log.toString() and out.toString()	testSharpenImage ()	Log.toString() = Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: sharpen\n" + "Function: clearLegend\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
7	Dither the image by giving 2 values per channel and verify result by log.toString()	testDitherImage ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n"

			+ "Function: setProgressBarText and message: In Progress.\n" + "Function: dither and noOfColorsToReduceTo: 2\n" + "Function: clearLegend\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
8	Mosaic the image by giving number of seeds as 6600 and verify result by log.toString()	testMosaicImage ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: mosaic and noOfSeeds: 6600\n" + "Function: clearLegend\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
9	Pixelate the image by giving number of squares across width as 30 and verify result by log.toString()	testPixelateImage ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n"

			+ "Function: pixelate and noOfSquaresAcross: 30\n" + "Function: clearLegend\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
10	Generate the cross-stitch pattern and verify result by log.toString()	testPatternImage ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: pattern\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
11	Save the cross-stitch pattern by giving file name as Test.txt and verify result by log.toString()	testSavePattern ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: savePattern and fileName: Test.txt\n" + "Function: disableMouseListenerOnImagePanel\n"

			+ "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"
12	Execute the batch commands by giving batch command script and verify result by log.toString()	testExecuteBatchcommand ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: loadImage and Filename: Test.png\n" + "Function: disableImagePanelOnBatchCommands and message: " + "Load Batch file or enter batch commands to proceed.\n" + "Function: displayInformationMessage and message: load command is executed.\n" + "\n" + "Function: setProgressBarText and message: Success.\n"
13	Execute the batch commands by uploading batch command file – Test.txt and verify result by log.toString()	testExecuteBatchFile ()	Log.toString() ="Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: disableImagePanelOnBatchCommands and message: " + "Load Batch file or enter batch commands to proceed.\n"

			+ "Function: displayExceptionMessage and message: Issue occurred. Please retry\n" + "Function: setProgressBarText and message: Issue occurred. Please retry\n"
14	Add news colors to the pattern and verify the result by log.toString()	testAddNewColorsPattern ()	Log.toString() ="Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: patternAddNewColors and selectedColors: 600\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n" + "Function: disableMouseListenerOnImagePanel\n"
15	Generate the cross-stitch pattern after replacing the color – 700 and verify result by log.toString()	testPatternReplaceColor ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: patternReplaceColor and xCordinate: 0 and yCordinate:0 and dmcCode: 700\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n"

			+ "Function: disableMouseListenerOnImagePanel\n"
16	Generate the cross-stitch pattern after removing the color - 700 and verify result by log.toString()	testPatternRemoveColor ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: patternRemoveColor and dmcCode: 700\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: disableMouseListenerOnImagePanel\n" + "Function: setProgressBarText and message: Success.\n" + "Function: disableMouseListenerOnImagePanel\n"
17	Add the text – “Hi” and color – 700 on the cross stitch pattern and verify result by log.toString()	testPatternAddText ()	Log.toString() = "Function: setFeatures and feature object passed\n" + "Function: registerImageObserver and imageObserver: 1234\n" + "Function: registerPatternLegendObserver and patternLegendObserver: 1234\n" + "Function: setProgressBarText and message: In Progress.\n" + "Function: patternAddText and text: Hi and dmcCode: 700\n" + "Function: setImageOperationsPerformedStatus and flag: true\n" + "Function: setProgressBarText and message: Success.\n" + "Function: disableMouseListenerOnImagePanel\n"