

## Sprint 6

Subhanga's Pain(t) Version 1.0.0 - 09/10/2021

Logging with (based on) threading is required

- \* Select-Copy-paste (versus select-move-and-paste)
- \* indication of which tool is in use
- \* invent a feature (please include, as a separate upload a text file with obvious name - myfeature.txt - that has a description)
- \* Javadoc the whole (see the style guide, it should still be tight/concise not comments like "this is a comment about.." please!)
- \* Describe (again, separate upload/text file - like "mytechnicaldebt.txt") something you have refactored/fixed/polished/improved on this sprint.

## Sprint 5

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- \* have an Undo/Redo using an abstract data type
- \* Blank / starter image
- \* have an additional shape of your choice
- \* have an eraser tool
- \* be able to draw a "regular" (same side length) polygon with the user specifying the # of sides.
- \* Live draw / interactive draw (you should "see" the line or shape as you draw it)
- \* Select a piece of the image and move it.

## Sprint 4

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New features:

- \* A pencil tool
- \* Width and color selection should work for both pencil and line tools.
- \* Draw a square, a rectangle, an ellipse, and a circle, with fill \* "Smart" save ("you've made changes...")
- \* Multiple image file types
- \* Keyboard UI controls
- \* A text label describing the color.
- \* Color "grabber"/dropper tool.
- \* Resize canvas (and resulting image) and zoom in/out.

Known issues:

\*No Issues

### Sprint 3

Subhanga's Pain(t) Version 1.0.0 - 09/10/2021

New features:

- \* save an image to a file
- \* allow for "save as"
- \* draw a line
- \* canvas that resizes to fit the image being opened
- \* scroll bars
- \* width of the line drawn
- \* a color chooser
- \* help menu item

Known issues:

\*No Issues

### Sprint 2

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New features:

save an image to a file

- \* allow for "save as"
- \* draw a line (which would become part of the save image)
- \* have a working space (canvas or whatever!) that resizes to fit the image being opened -- no unintentional cropping!
- \* should have scroll bars
- \* allow you to control the width of the line drawn
- \* have a color chooser (it is NOT required to impact the line, yet)
- \* have a help menu item with help and about options

Known issues:

\* No issues

Expected next sprint:

- \* multiple tabs ,cleaner graphics , and more class and method

### Sprint 1

Subhanga's Pain(t) Version 1.0.0 - 09/10/2021

New Features:

- \* allow the user to view an image from a file(multiple file type)
- \* allow the user to specify/choose the file to open
- \* menu bar
- \* closes politely

Known issues:

- \* No issues

Expected next sprint:

- \* more class and method