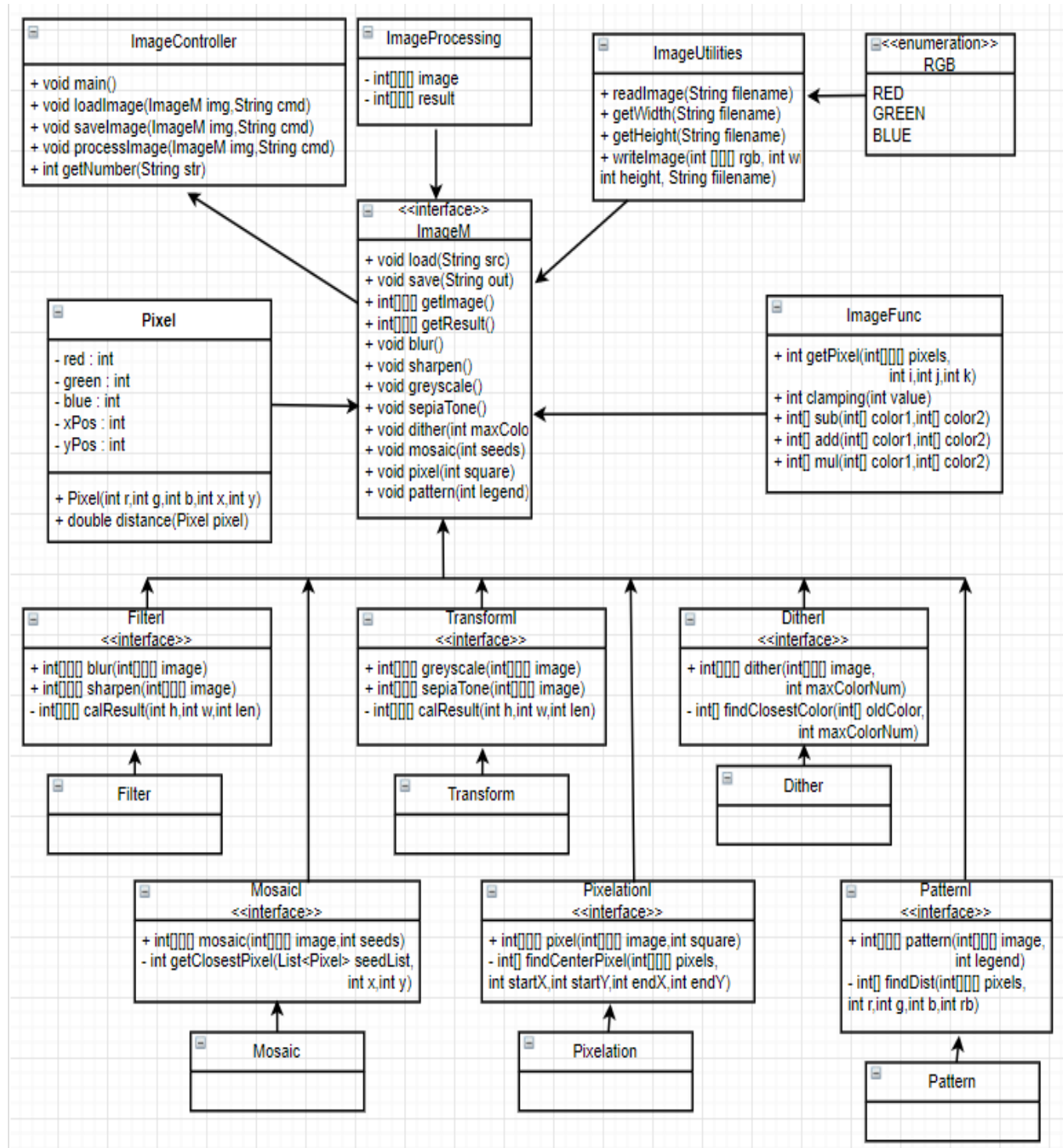


Project 4 -- Cross-Stitch Controller Preliminary Design

This project follows the MVC design. Here, ImageM represents the **Model** and ImageController represents the **Controller** of the design. The Controller will be tested by creating a mock model, which will check the input to the model from the controller and the output to the controller from the model.



Testing plan

A Mock Model will be created to test the Controller.

1. Test image being loaded into the model on input.
assertEquals("image loaded",log.toString()) // input reaches model correctly
2. Test image processing – blur
assertEquals("image blurred",out.toString()) // output from model received correctly
3. Test image processing – sharpen
assertEquals("image sharpened",out.toString())
4. Test image processing – greyscale
assertEquals("image greyscaled",out.toString())
5. Test image processing – sepiaTone
assertEquals("image sepiatoned",out.toString())
6. Test image processing – dither
assertEquals("image dithered",out.toString())
7. Test image processing – mosaic
assertEquals("image mosaic",out.toString())
8. Test image processing – pixelation
assertEquals("image pixeled",out.toString())
9. Test image processing – pattern
assertEquals("image pattern generated",out.toString())
10. Test image being saved after processing.
assertEquals("image saved",out.toString())