**Spike outcomes**

**Name:** Process Image

**Goals:**

Code for changing a loaded image from regular colour to greyscale.

Code for adding a black circle to an image.

**Personnel:**

Jack Hosemans and Thomas Parasiuk

**Technologies, Tools, and Resources used:**

Java, Eclipse, Android, Git, Emacs, Android API

**Tasks undertaken:**

* Added functionality for making the image taken from gallery/camera a greyscale image.
* Displayed that greyscale image with a black dot in the middle of it in our application.

**What we found out:**

About all of the useful image manipulation classes like Canvas, Paint and ColorMatrix.

**Open issues/risks:**

This spike progressed extremely smoothly and was perhaps simpler than we expected once we learned how to use the image processing classes listed above.

**Recommendations:**

Now that images can be loaded and processed by our application, we need to add the ability to use the image – e.g. sharing it and saving it.

We should review our halftone image creators that we made in Java weeks ago and think of how we could implement them with the classes in this new environment.