**Accel A Sketch**

The app idea that we have come up with is basically an etch a sketch drawing app, but instead of twisting knobs like with a traditional etch a sketch, the app uses the phones accelerometer to let you draw in the exact direction you want. We believe this will be simple enough to do once we understand how the Android operating system uses the phones accelerometer in various other applications.

The app will consist of a blank white activity screen with 4 buttons:

* Start: let the pointer on screen start moving using the accelerometer
* Stop: stop the pointer from drawing on the screen to allow for repositioning
* Reset: reset the drawing in case you wanted to start over
* Calibrate: calibrate the phones accelerometer in case that it doesn’t respond properly to the application

The motivation for building the app is to understand how android’s accelerometer works and how to implement it into various applications. After looking at a few apps in the Google Play Store, it seems that there are various etch a sketch apps, but not very many the implement the phones accelerometer to create a fun little game.

This app would be better as an Android app rather than a website or web-app is due to the fact that most browsers can’t access the phones built in accelerometer. Another reason for the application is so that if you’re offline and have no internet access, you can still use this app as something to do in your spare time.