SE 3313A: Lab 2

October 17, 2016

Darryl Murray, 250753266

Dr. Kenneth McIssac

## Discussion

In my application, the *DownloadTask* class’ *doInBackground* function, which extends from *AsyncTask*, is being threaded behind the scenes when I construct a new object of this class and execute its inherited “execute” function.

Since Android is Java-based and uses a JVM, the application uses user-level threading inside the JVM process. In contrast, Lab 1 spawned separate processes to achieve simultaneous execution.

This was a difficult assignment, as understanding how to interact with the UI and provided Android libraries, the platform limitations (e.g. how Android handles memory usage), and getting used to the Android development process as a whole (especially as an iPhone user) made it more difficult to understand how threading worked in Android amidst the rest of the material that needed to be learned as well.