ICS4U Development Journal

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Week 4

November 7

* Gradle-sync now fully functional

*Up until now, we’ve been running into an initialization error with our android package. I used a very thorough debugging method to troubleshoot all possible sources of this error and eventually found that there was a missing semicolon in one of our auto-generated files by Android Studio*

* Run-time reduced by 137% (converted to USB run-device)

*I installed Android Marshmallow developer OEM on my phone and experimented with different ways to make the app run without crashing my (admittedly) not that fast computer. We found that by reducing the SDK to an average 6.0, allowed us to optimize the runtime of the app. (It’s a lot easier to test too)*

November 8

* Login screen implemented

*User can now register an account and save it to the app*

* Location settings now available

*In integrating the Geocoder class with the Google Maps API I have found a solution to reading in landmarks, addresses, and postal codes to get a computer-readable address (Latitude and Longitude co-ords)*

November 9

* HTML Parser Researched (JSoup, Google Places API)

*We have concluded that JSoup will be what we must use for reading in google search queries and we will add Google Places API in later for ‘flair’.*

November 10

* Sick at Home

November 11

* Sick At Home

November 12

* Out of Town

November 13

* JSoup Implemented
* Users can now search for items (only Walmart is supported thus far)
* Users can now add and remove items from their cart
* Certain values temporarily hard-coded for alpha testing