



UROP Checkpoint Presentation

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All code available on:
<https://gitlab.doc.ic.ac.uk/rb3018/urop>

Progress so far

Completed:

- **Problems 1.1, 1.2, 1.3, 1.5, 1.6, 1.7 -> finished and discussed**
- **Problem 1.8 - Detect if the user turns off WiFi when not actively being used**
- **Problem 1.4 - Detect if the user physically/manually covers her smartphone's screen when in public spaces (just need to test geofences)**



**<Demonstration of
Google Maps API>**

Milestones in progress

Problem 2.1

Track the source of the app when the user performs financial and/or shopping tasks

- Created a BroadcastReceiver which receives an intent whenever an app is installed on the device (listens for **Intent.ACTION_PACKAGE_ADDED**)
- **Useful for Problems 2.2 and 2.3 as well:** emailed George about the Google Play crawler, and now have tables of data (.csv files) for the top 100 “Finance” and “Shopping” apps on the Google Play store
- **QUESTION:** will George’s crawler work on other app stores too? Should I get information on the top financial and shopping apps from other stores too?