



## 2016 Aptoide Summer Internship - Weekly Report 4 [August 1 – August 5]

**Project:** Aptoide Ad Monitor

**Trainee:** Dária Baikova

**Mentors:** Frederico Santinho & Diogo Carvalho

### Completed tasks during the week:

- Continue the implementation process:
  - Data processing in the WakefulBroadcastReceiver class:
    - handling the data that arrives according to its type
  - Parsing the arriving GetAds objects in JSON format using the RealmObject class
  - Creating data classes to support the storage of ad information to be displayed
    - Action & ActionLog classes
  - Communication between the BroadcastReceiver class and the Intent Service class:
    - Implementing the notification logic: counters to monitor the number of actions that occurred and a BadgeView class to display that number to the user
  - Implementing the communication between the service and the user interface to display the information
  - Finishing the RecyclerView logic
  - Beginning the interface for the action detail screen:
    - Creating the Activity and the Fragments
    - Reusing the adapter used in the existing RecyclerView
    - Communication between the two screens: data display;

### Goals for next week:

- Improve the notification logic: make the process more efficient
- Fix possible bugs
- Work on the user interface design
- Implement the conversion tracker functionality using a Web Service;