

# Collected data

The setup of the App is in such a way that the sort of raw data is send to our server, on which the data is analyzed and hopefully the access codes can be found.

The data we want to collect from the Android Phones has the following elements:

1. **Unique ID of the data**

For administrative reasons

2. **Timestamp**

Also for administrative reasons

3. **Android ID**

Since we want to locate our target device, we want to know it's unique android ID. Also, this is useful in the sense that everybody types differently on their device, so when separating devices based on this ID, we can analyse data from one person, which will probably give a better result.

4. **Device brand and type**

From our Evil-perspective, this makes it easier to locate the phone and enter it's super-secret contents.

5. **A multi dimensional array —or table if you want— containing movement data:**

1. Timestamp
2. Accelerometer, x
3. Accelerometer, y
4. Accelerometer, z
5. Gyroscope, x
6. Gyroscope, y
7. Gyroscope, z
8. Screen being touched - Boolean
9. Screen on - Boolean
10. Device locked - Boolean