**Software Description**

Title: **Android Personal Data Collector Application**

Our research related with user personal behavior. This application created because we need to collected user log data in theirs smartphone as much as possible. This application has 8 version and the last version is the final version. In context of collecting personal user data we have two methods, first is participatory method which need user intervention for collecting the data. The second method is opportunistic method which do not need user intervention for collecting data. So, this application following opportunistic method which is after user install this application they do not need to doing anything. After installation this application automatically collect the all of user data in theirs smartphone. The data that collected by this application can be seen in application documentation v1 file.

Overall, the version of this application as follows:

1. v1: Device Information category
2. v2: User- Device Interaction category
3. v3: Outside Environment Condition category
4. v4: User Activities category
5. v5: User Position category
6. v6: User Social category
7. v7: ALL including categories from v1 to v6
8. v8: similar to v7 but the encryption modules have been added to preserve the user privacy during the data collection process

Final application that we used and distributed to subjects (students) is v8. Application v8 supported by encryption modules which can protect user privacy such as phone number, text message, and etc.

The data that collected by this application look like in Figure below.

