Employee Activity Recognition & Tracking

**Abstract:**

This is a project proposal for the an android application that activity monitoring, location tracking and travel history tracking system features to meet the requirements of an employer/Parent/Manager to monitor their Employees/Children/Subordinates.

In this Android application when installed in any android phone, tracks all the activities performed by the phone such as the calls messages sent, browser history etc. After installation of the app, the exact location and usage information from the monitored android phone will be uploaded/notified to central cloud datastore.

It gives the large number of innovative features that help in monitoring any android phone at any location. In this system it is possible for an authority to monitor a cellphone of interest to know all the time, duration and status of all incoming calls, outgoing calls and also time and content details of text messages sent and recieved by that cellphone. The authority can also monitor where their employee/child are (through GPS), access a history of where they've been. This system is really very helpful for the Managers to monitor their Employee through mobile phones.

All of these logs of information is kept in a centralised cloud server and an authority with account in this system can analysis and manipulate the recorded information. We can also configure this app to send some reports to preconfigured mail addresses.