**Automatic Attendance Tracker (AAT)**

**Introduction**

AAT is an attempt to track the person's attendance without asking him. This helps an organization to track the employees/students without using fingerprint, RFID etc. It is an app which tracks the attendance of the user automatically i.e., updates the data in mobile database as well as cloud database of his start time, end time, no. of hours worked (per day).

**Vision:** To track the person's attendance and also to know whether he is working or not.

**Client Requirements (Features of the App):**

1. On the first launch after the installation fetch the mail present in phone or ask for a new mail (for fetching his details).
2. Ask the user for the first time about his new working location. It will not ask him for the same location in the future.
3. Run the app whenever the user enters in working location and stop it after exit of working location automatically.
4. Show the working log to the user in hours, minute’s basis.
5. Show the notification while he is working which shows that day’s working hours.
6. Show the message after entering to the working location about his presence, and also after leaving the working location about his leaving and shows the log after leaving.
7. Start a new session in a day if he is out of work after a prescribed time.

These are the features which we understood and going to implement in the app based on our previous discussions. Please let us know if we missed any or mention if you want more feature.

**Need clarification on:**

1. How many days of previous log should be stored in the database? (Referring to the point no: 2 in Client Requirements).
2. Exact time of break after which new session should starts? (Referring to the point no: 7 in Client Requirements).