**CS5520 - Mobile Application Development**

**Final Project Report**

**by**

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**App name:** Khojak (A location reminder and location tracker application)

**Proposals Fulfilled:**

1. Personal Reminder:
   1. Creation of personal location-based reminders by each khojak user.
   2. User can select a google-known location or can click a random location on the map.
2. Group reminders:
   1. Creation of groups and adding other khojak users (friends or family) in the group
   2. Creation of group reminders for entire groups such that any group member inside the radius of the reminder location can get a reminder notification.
   3. Groups can be deleted
3. General Features for reminders:
   1. Both personal and group reminders can be deleted when completed or no longer used.
   2. Setting a custom reminder radius for the reminders such that when the user is inside the set radius only then will he receive the reminder notification.
4. Location Tracker:
   1. A User (say Alex) can send tracking friend requests to other user (say Bob) to ask their permission to track them. Bob can delete a request or accept it.
   2. Upon accepting request, Bob will get added in Alex’s friend list.
   3. Alex can then create a tracker by specifying bob’s destination and will get a notification when bob reaches his destination.

**Feature not implemented:**

* The only proposal that we did not fulfill was tracking live GPS location of other khojak users in the location tracker. Since we have implemented the destination tracker, live location tracking would use same services as that, and we would like to keep it as a future scope.