

# Team 6 Project Charter

## A Socialized Calendar App

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### Problem Statement

Nowadays, people interact with each other via mobile apps more often. In order to satisfy the increasing social needs of most people, we will develop a socialized calendar. The current calendars are mostly for individual use and lack of location information. Our socialized calendar will allow users to communicate in a group and share schedules and locations with their friends.

### Project Objectives

- Schedule mode: It's quite similar to general calendars that allow users to add events.
- Task list mode: It's a list with an exact time (deadline or start line) that shows on the time schedule.
- Location overview mode: It's a map with all the locations and times of the events stapled on it, so that users can have a preview and adjust their schedules.
- Group events: This project is able to compare all the schedules of the group members and find out the common free time.
- Account setting: Users are able to create accounts and add contacts.
- Status setting: Right before attending the group events, users can set the status such as the estimate time they need to get to the location of a group event. Therefore, other group members don't need to make the phone call or send text message to make sure everyone will arrive on time.
- Mood setting: To make it more humanized, users are able to post their mood (an emoji) that every friend can see on their schedules.
- Privacy protection: Users can hide personal events when they share their calendars.
- Users can post invitations which are displayed as a scroll bar on others' schedules.
- Users can collect a score of friendship through sending wishes, creating group activities and making comments towards others' activities.

## Stakeholders

- Users: Software developer: A good tool for developers to organize meeting schedule. Consumers: people can use this application to organize event like shopping, party. Employer and employee: employer can easily coordinate her/his group members' activities.
- Developers and project owners: Wentai Cui, Shayin Feng, Bangqin Lin, Fangzhou Lin, Chi Luo, Qi Zhang

## Deliverables

- A mobile app based on iOS system.
- Database to store user information.
- Backend using node.js to process data, combine schedules and update status.
- Frontend using Swift, Objective-C, C++ to display the calendar, map and other information.