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.