ACalendar Product Description

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ACalendar is a mobile calendar app that integrates event planning/management, communication and information sharing.

People at any occasion can use ACalendar to manage their own calendar and share schedule with friends. Users can use the app to share events and schedules with their friends, families and significant other. The app can also be used at workplace to plan and manage meetings and appointment between coworkers and partners. With ACalendar, users are released from miscommunications on schedules and the inconvenience in sharing the schedule and event related information with close friends, family members, coworkers, and even unrelated people.

Calendar applications is one of the first computer app that have been invented and has a long history of development. Apps like Microsoft's One Calendar and Google's Google Calendar. They are all perfect Apps for managing one's personal schedule, but communications about the events and schedule must be done separately. Most of the calendars app's features are limited to personal event management. Some calendar apps allow people to import/export schedule, but the users won't be informed of the event's updates. ACalendar is an app that not only provides the user with personal schedule management features, but also connects people with their closest friends and families', keep members updated with their schedules and avoid communication breakdowns exists in people's daily life.

The major features that ACalendar is going to provide are personal event management, sharing events, event timeline page, and searching for public events. User will be able to add friends in the app. For personal event management, user will be able to create events, edit event information, delete events, etc. These are the very basic features of this app. As for event sharing, users can share events with particular friend and a group of friends within the app. show events that friends shared to them on their own calendar. This way plan/manage schedule between friends will be made so much easier and there will be no more miscommunication and issues like double booking will never happen. There will also be a event timeline page which will show all of the event related information, pictures, files, comments from all participants.

Users no more need to send tons of emails or facebook messages just to create a meeting or change a time to meet. With ACalendar, users can send event notifications to colleagues and customers with just a few clicks, and all event participants can change the event time and location easily. The App will notify event participants automatically to keep every updated. Users can put comments, documents or pictures under the each event's timeline page in the app for event member to access.

One other feature is that user can search for events that are made public to everyone. If sufficient time, stretched features like importing calendars from Google calendar or iCal, and adding friends from Facebook will also be developed to improve the compatibility of this App.

Ideally ACalendar should have a clear UI so that people can use it easily, but we plan to provide external written manuals to familiarize the users with the app.

The major non-functional requirement of ACalendar is that we need to protect user's privacies on their private events informations. We need to provide methods that control the permissions to edit the event info since the nature of event sharing. For example, the app can be implemented so that the time and location can only be changed by owner and managers of the event and while participants' posts on events can only be seen by his/her friend or posts approved by managers.