

Final Project Report

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Application name: Geo-Based Chat & Event App

1. Description of our app.

Since we believe that people near the same location may have same interest or similarity target and they may also want to share some information to others or attend some events which are near to their location to kill time, we have designed a social app for our users who want to talk with the nearby people or attend some event which will be held near their current location. For the users of our application, they can look and enter the open chat room which are displayed on the map to chat with other persons near to their location. The target of our application is encourage people to communicate with others, share interesting informations of a place and make some new friends who always go to the same place with them. To realize this target, we design the group chat and one on one chat functions in our application. Our users can invite some people into a group chat or just chat with one person. It can help them to keep privacy and just talk with the people whom they are interested in. In the meanwhile, our users can create some interesting events or attend event for a certain place. These events will be shown in the app, so the other users can choose one which they want to attend and they can also see who are also interested in and president this event. We think this event will help our users to meet other people who has the same hobby or goals with themselves, and they could make some new friends by chat with others according our application.

2. Architecture

Our app has five part: profile, open chat room, group chat, one on one chat, and events. In the profile part, they can manage their email address, screen name and their password. In the open chat room part, they can look a list of nearby chat room or enter a open chat room which displayed on the map, they can also create a new open chat room with a tag to attract other users' attention. The users can enter the past group chat room or create a new chat room and invite some people to join this chat room in group chat part. For one on one chat part, users can directly chat with one person who is shown in the list. When a user want to create a new chat with other user, he can set a name for this chat. By assigning this name, user can keep the privacy, because he can choose delete a certain chat room with the name. In the event part, users can find all the events and see who will be present on this event. If they are interested in a certain event, they can make a reservation to add their name into the present list, or they could also cancel a reservation if they can not present on this event.

3. Contribution

Teammates:

Yuwei Jiang: Profile part, openchat room and event part.

Xinyu Li: Groupchat room and one on one chat part.

Chenfan Xiao: Connect chat room with geolocation.