

CS307

Project Backlog



AroundMe

Team 12

Zuoyang Ding

Weichu Hu

Siyu Jiang

Wendi Zhang

Kenny Zheng

Problem Statement

Today more and more applications have added location-based feature functions. Also, chatting applications have become a popular way for people to communicate with each and everyone, but able to find someone with similar interest as you can be problematic. We want to develop a chatting application combined with the advantages of location-based feature which could make the chatting experience interesting and efficient. Our intent is to develop an iOS application that utilized the GPS technology and personal preferences to locate the perfect groups and people within the distance. Unlike many chatting applications, our application allows the users to appear anonymously and contains auto-remove feature for personal privacy and security.

Background Information

Audience:

Our targeted audience is everybody. With our location-based chatting app, they can easily find people within the area and see if they share similar experiences and interests. It is a great way to communicate with people around the area and socialize with each other.

Similar Applications and Limitations:

Although there already exists some location-based chatting applications (such as Yik Yak, MapChat), there aren't many that allow you to choose who you want to talk to, or whether you want to keep your communication with them. Our application offers users a profile page, in which they can modify their interests, while having the freedom to share how much information they actually want to share to the public. In many location-based chatting apps, users are usually matched with a random person without knowing whether if they can have an enjoyable conversation. With our app, users can choose any chatting rooms around them with a topic that they are interested in.

Our unique feature allows users to decide whether they want to keep the chatting room permanent or let it expire after 24 hours. Our application will give users the freedom to make choices, which many similar applications do not allow.

Requirements

Functional:

Backlog Id	Functional Requirement	Hours	Status
1	As a user creat a account through my current Google account	10	Planned for sprint 1
2	As a user, I want be able to use my favorite nick name (which can be the same as others)	5	Planned for sprint 1
3	As a user, I want be able to see the groups around me.	5	Planned for sprint 1
4	As a user, I want be able to join the a group.	10	Planned for sprint 1
5	As a user, I want be able to create a group with topic tags I like.	5	Planned for sprint 1
6	As a user, I want to be able to make a temporary group becomes permanent before it expires (when I think the topics and people in group are interesting)	5	Planned for sprint 1
7	As a user, I want to be able be removed from a group	5	Planned for sprint 1
8	As a user, I want to be able to upload and change my avatar as I want.	5	Planned for sprint 1
9	As a user, I want to able to sort the group by activeness	20	Planned for sprint 2
10	As a user, I want to know when will the group will be disband	15	Planned for sprint 2
11	As a user, I want to check history messages in group within 24 hours	10	Planned for sprint 2
12	As a user, I want to sort the groups by tags	10	Planned for sprint 2
13	As a user, I want to be able vote to decide whether a group will become permanent.	20	Planned for sprint 2

14	As a user, I want be able to send pictures in group chats.	15	Planned for sprint 2
15	As a user, I want be able to modify my personal profile.	15	Planned for sprint 2
16	As a user, I want be able see profile information of others	10	Planned for sprint 2
17	As a user, I want be able to protect my personal profile and only display with curtain users	25	Planned for sprint 3
18	As a user I want be able to report perticular users with unproperiate activities.	20	Planned for sprint 3
19	As a administrator, I can delete or ban a user who have inappropriate activities and reported by other users	10	Planned for sprint 3
20	As a administrator I can delete or ban a group which used for discuss illegal information	10	Planned for sprint 3
21	As a user I want to find roommate by this app (if time allows)	50	Planned for sprint 3

Non-Functional

1. The application would run on iOS device using Swift language;
2. The application would be able to get access location information of the device by using iOS API;
3. The application would be able to sign up or login account by using Google API verify and local database;
4. The application would be able to interact with server on firebase, and server will sent the wrapped data to database which built on firebase;
5. The application would be able to access data from backend server;
6. The interface of the application would be simple, reasonable and user friendly;
7. The application would have fast reponse time;
8. The application would make sure the user's personal information are sercure;
9. The application could adapter multi-devices with different size and resolution.