## Finder App Features - Required

\*\*ID: FR1\*\* <br/>

TITLE: Download mobile application <br/>

DESC: A user should be able to download the mobile application through an app store and should be free to download. <br/>

DEP: None

\*\*ID: FR2\*\* <br/>

TITLE: Download and notify users of application updates <br/>

DESC: When a new/updated version or release of the software is released, the user should check for these manually. The download of the updated version should be done through the app store. <br/>

DEP: FR1

\*\*ID: FR3\*\* <br/>

TITLE: User registration <br/>

DESC: Given that a user has downloaded the mobile application, then the user should be able to register through the mobile application. The user must provide their name, password, and Fresno State e-mail address. <br/>

DEP: FR1

\*\*ID: FR4\*\* <br/>

TITLE: User log-in <br/>

DESC: Given that a user has registered, then the user should be able to log in to the mobile application. A base64 encoded token will be stored in the users phone so that the user is logged in automatically in the future. <br/>

DEP: FR1, FR3

\*\*ID: FR5\*\* <br/>

TITLE: Profile setup <br/>

DESC: Given that a user has registered, then the user will have to setup his/her profile. This includes a Picture, a description and some "tags" that the user is interested in. <br/>

DEP: FR3

\*\*ID: FR6\*\* <br/>

TITLE: Finder functionality <br/>

DESC: Given that a user has setup his/her profile, then the user will be able to use this function to find people with the same interests (this will be using the "tags"). The user will also be able to filter by preferable tags. <br/>

DEP: FR5

\*\*ID: FR7\*\* <br/>

TITLE: Chat <br/>

DESC: The user must be able to communicate with people found using the Finder functionality (FR6). Users will be able to send texts, images and possibly files. The user will also be able to from the chat window, view the other user profile and delete unwanted chats. These texts will be stored locally.<br/>

DEP: FR6

\*\*ID: FR8\*\* <br/>

TITLE: Friend List <br/>

DESC: A list of users the user decided to add as friends. In this list, the user will be able to, select users to mark as Best Friend, receiving more notifications related to that person, and block/remove friends from the list, in case the user does not want to see notifications and posts from that person anymore.<br/>

DEP: FR6

## Finder App Features - Optional

\*\*ID: FR9\*\* <br/>

TITLE: Dashboard<br/>

DESC: Given that a user has set up his/her profile, then the user will be able to see recent activity in this page. This includes, new chats, group events and new friend matches.<br/>

DEP: FR6, FR7, FR8

\*\*ID: FR10\*\* <br/>

TITLE: Push Notifications<br/>

DESC: The user should get notifications on their mobile devices whenever something of importance happens in the app. The user will be notified about new chats, group events, and matches on the Finder functionality(FR6) <br/>

DEP: FR6, FR7

\*\*ID: FR11\*\* <br/>

TITLE: Report User/Group <br/>

DESC: If a user feels like another user or group are being inappropriate, He or she has the right to report that student or group. The student/group who misbehave might have their suspended <br/>

DEP: FR6

\*\*ID: FR12\*\* <br/>

TITLE: Event Tab <br/>

DESC: Shows events created by groups and general events being held in the Fresno area. A calendar view will display the days the events are occurring. The user will also be notified of events.<br/>

DEP: FR6, FR10, FR13

\*\*ID: FR13\*\* <br/>

TITLE: Groups <br/>

DESC: Groups are communities where users of similar interests can join, meet, and chat. Each group will have its own page where members can create posts and leave comments. There are two types of groups: default groups and user-created groups. Default groups are groups automatically created for each interest tag. Users will be added to their respective default groups based off their interests. User-created groups are controlled by group leaders and can be public or invite-only. <br/>

DEP: FR6, FR7

\*\*ID: FR14\*\* <br/>

TITLE: Privacy and Security <br/>

DESC: User information will be protected from software aberrations and malicious users. All user input will be completely sanitized and any user posts violating the privacy of another user will result in a permanent ban of the offender. <br/>

DEP: FR4, FR7