

Iteration 1 Demonstration

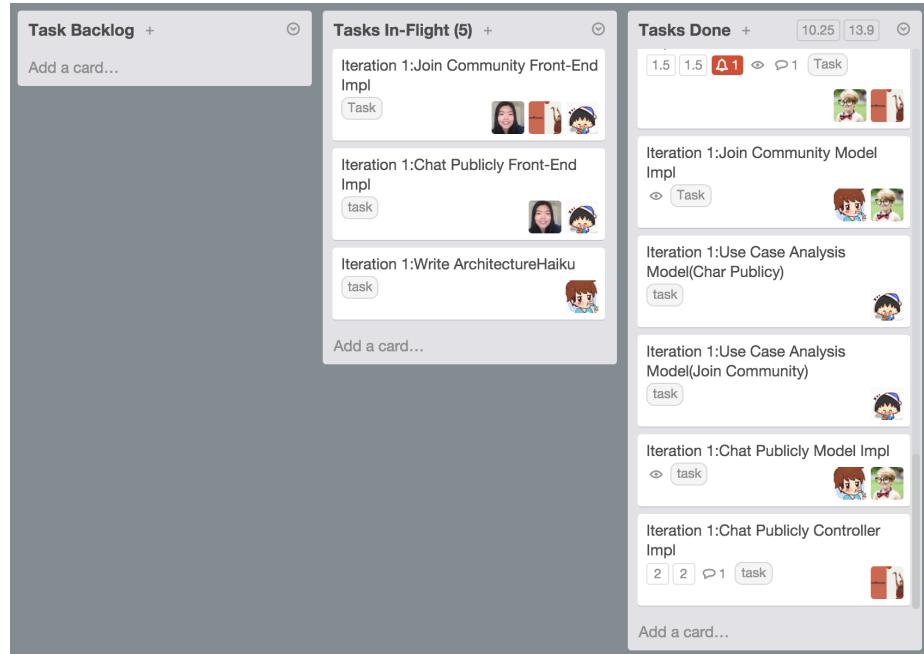


Figure 1 - Task Level Trello Plan

Iteration one is separated into several tasks according to different layers(front-end, controller, data access layer(model)).

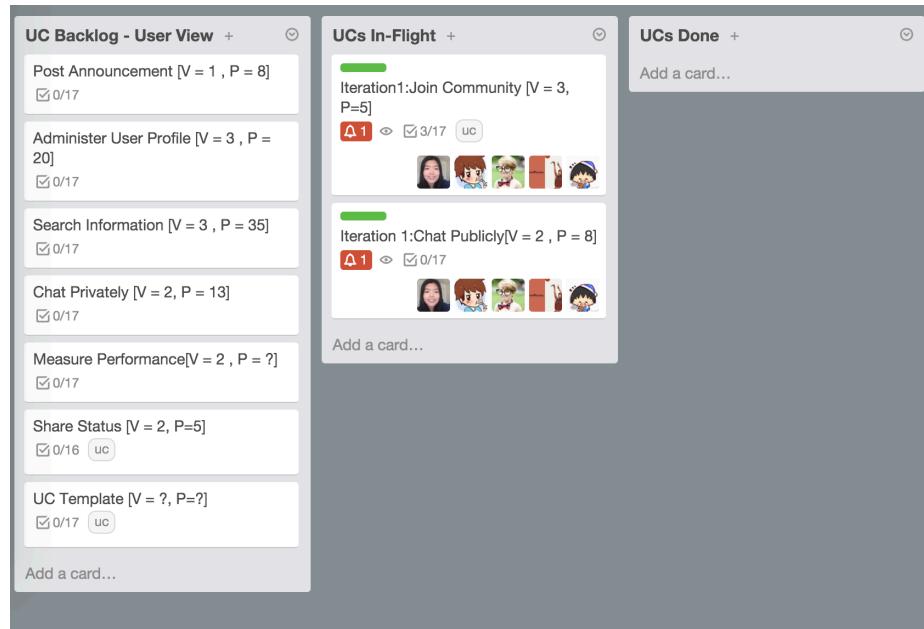


Figure 2 - User Case Level Trello Plan

For iteration 1, there is only two user cases, public chatting and joining community.

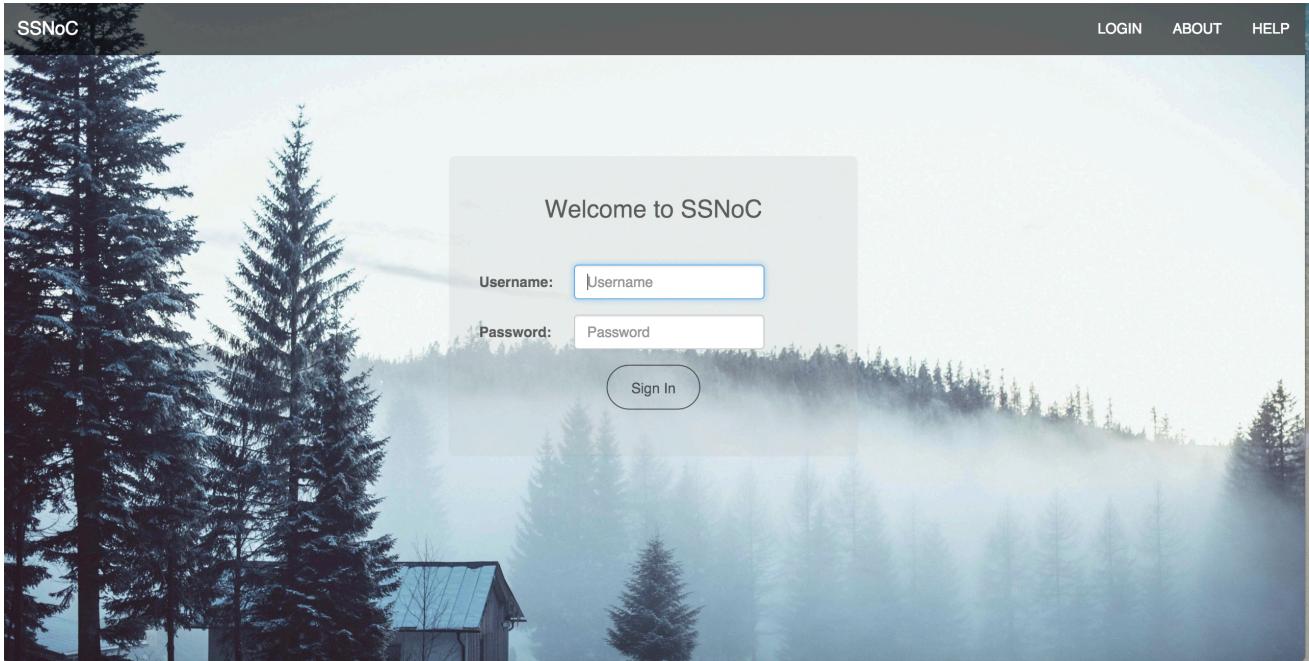


Figure 3 – Login / sign up page

Login and sign up are in the same page. Since SSNOC is used in emergency situation, we try to make this system as simple as possible.

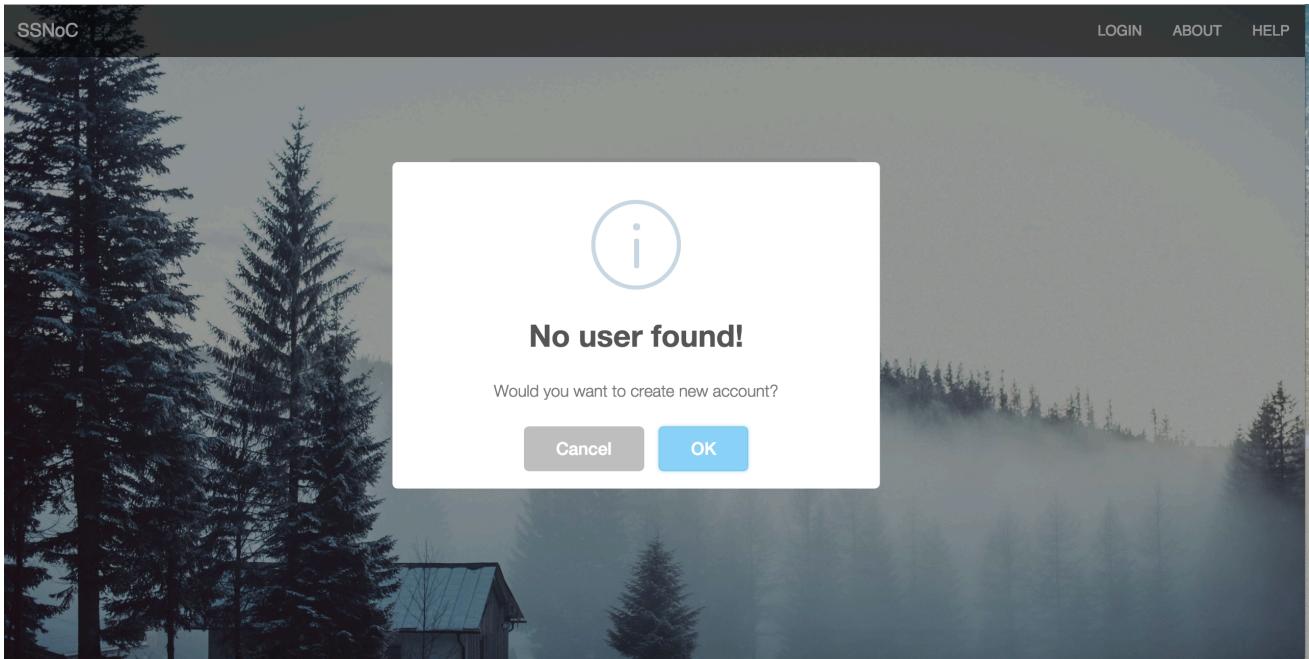


Figure 4 – No User Found Page

If user name does not exist, the system will prompt user to create user name or try again.

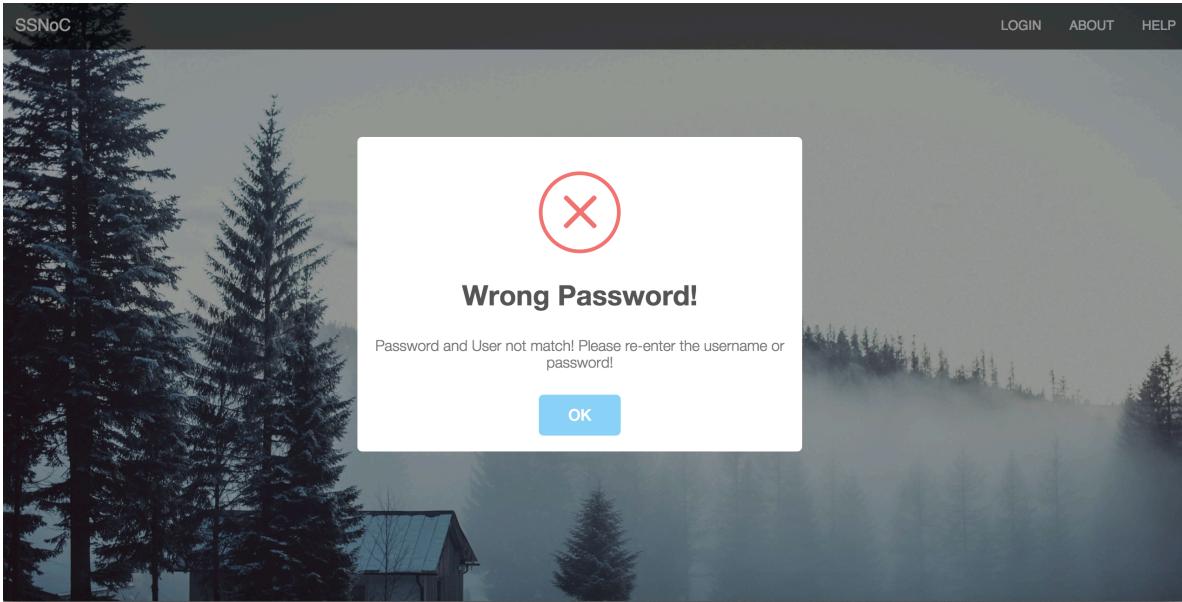


Figure 5 – Wrong Password Page

When a user name is valid but password does not match the record in database, it will prompt user that the password is wrong.

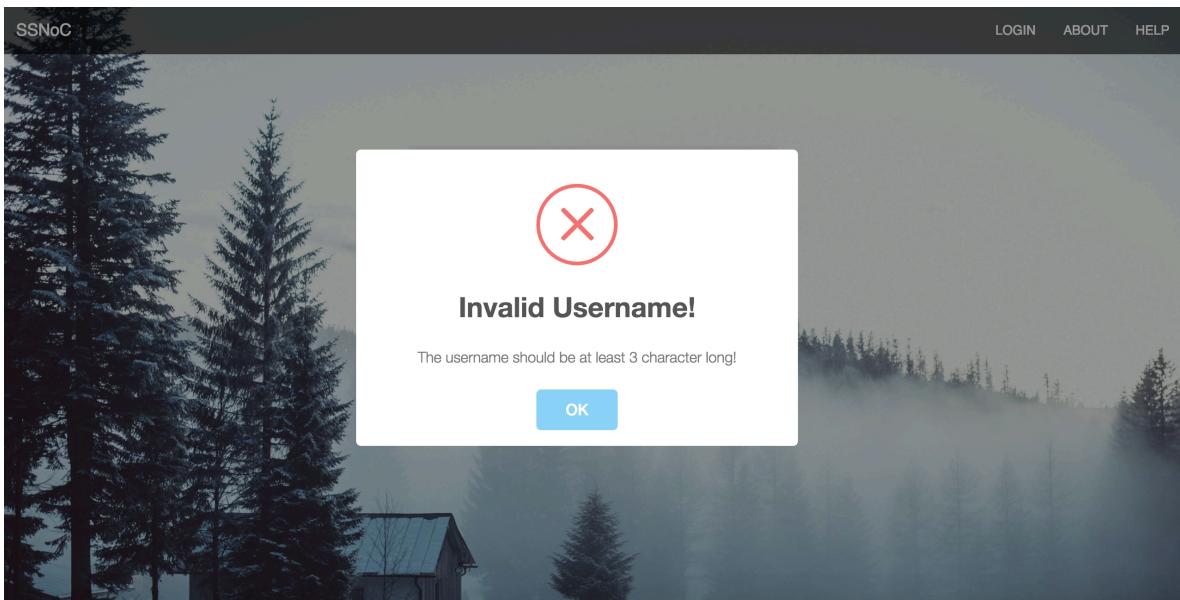


Figure 6 – Invalid username

When a tried to signup but the input user name does not fulfill the basic requirement of system(e.g. use a system built-in name or short username), the system will prompt user that the name is invalid;

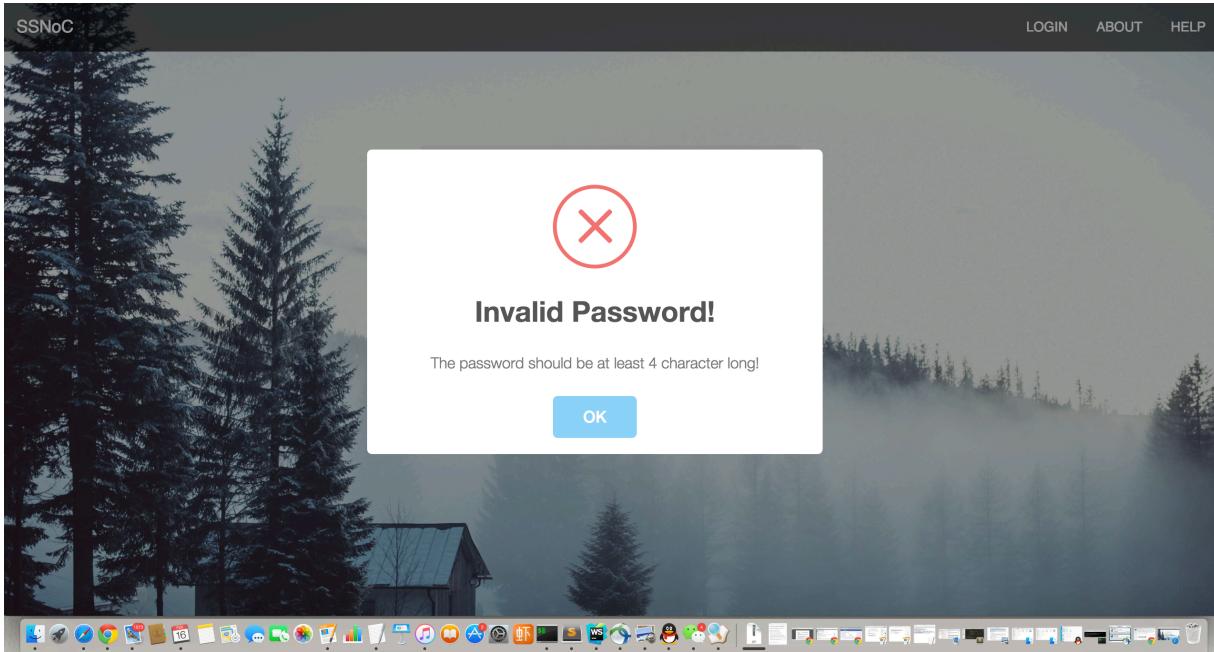


Figure 7 – Invalid password

When a user is registering but the password does not fulfill the requirement(e.g., too short, too easy to guess), registration will fail and the error message should be “invalid password”.

A screenshot of the SSNoC chat interface. The left side shows a list of messages from various users: eternalmisa, eternalmisa, 1234, jiyu, jiyu, and congshan. The right side shows two lists: "Online users List" containing Sarah, and "Offline users List" containing 1234, Taylor, congshan, eternalmisa, jiyu, ttt, and why. At the bottom, there is a message input field with a placeholder "Please type a new message..." and a red "Send" button.

Figure 8 – Chat Page

When a user has successfully log in or sign up, he or she will enter the chat page and can start real time chatting.

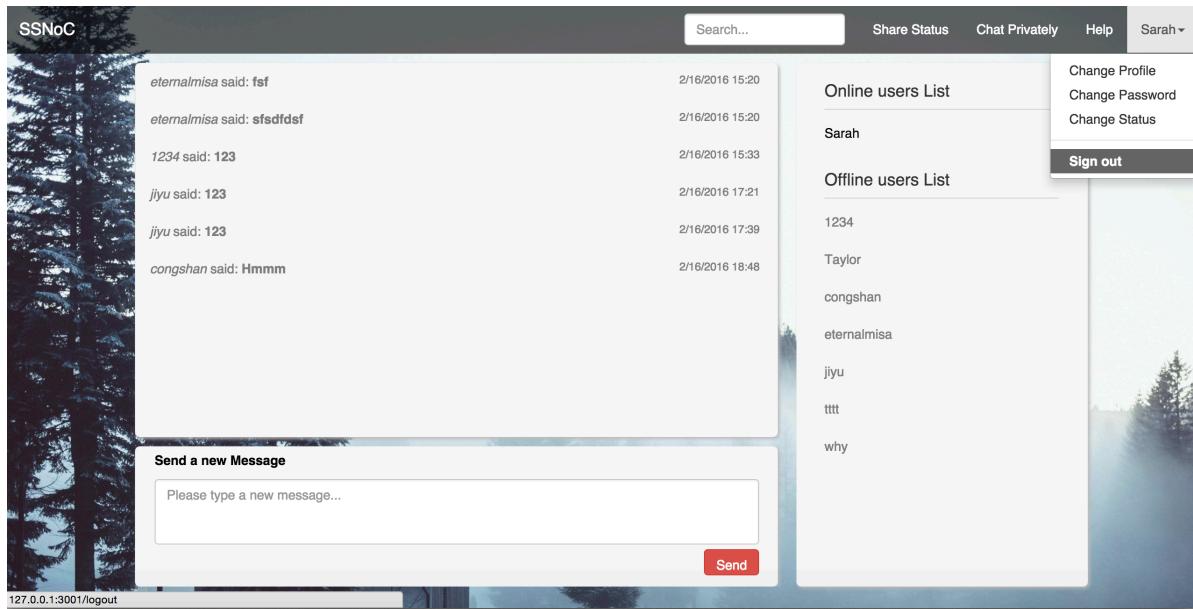


Figure 9 – Menu Page

There is a manual on the right –top corner of the screen. For instance, this demo is trying to log out.