Requirement and design of Iteration 2

Timeline:

Oct.14(Wed) requirement document of iteration 2 @Ang

Oct.15(Thu) Coding @Lychee @Ruhua

Oct.16(Fri) Finished all codes @Lychee @Ruhua

Oct.17(Sat) Combined Unit Test, Add CI @Ang

Oct.18(Sun) CheckList @Ruhua

Oct.19(Mon) Debug @Lychee @Ruhua @Ang

DB modification

add column

purpose	Separate message from announcement
Column name	Message.type
Column type	Int(2)
Column example	1:message 2:announcement
Influence	Need to modify the message store process, set type as 1

add column

purpose	Store the location of the user
Column name	User.location
Column type	Varchar(50)
Column example	Rm.230
Influence	Need to modify the userDao.js

add column

purpose	Store the time of user changed the status
Column name	User.gmt_status
Column type	Int(11)
Column example	1444865060
Influence	Need to modify the login and register process, set the default time as the login time

add column

purpose	Store the location of an announcement
Column name	Message.location
Column type	Varchar(50)
Column example	Rm.230
Influence	Need to modify the message store process, set this column as ''

add column

purpose	Store if the user is online
Column name	User.is_online
Column type	int(2)
Column example	0:offline 1:online
Influence	the code in iteration 1, change the status to is_online

modify column

purpose	Store the different status of user
Column name	User.status
Column type	Int(2)
Column example	0: status not defined 1:ok 2:help 3:emergency
Influence	the code in iteration 1, change the status to is_online

Change status

Listening socket: identify status, load status

Change status: front-end send data: username and status(0:undefined, 1:ok, 2:help,3:emergency), don't need to consider if user is online or offline

Back-end capture the status and username, does database operation: update user set status = xx where username = xx;

Others

modify the welcome message from alert to the format like announcement

Questions to ask

Do we need to identify status for the offline user?

Yes

For the location, do we just provide a text for user enter or we get the location of the user from GPS?

No, this will come in later iteration.