#### Milestone 2 - Stakeholders and scenario-based elements

#### Stakeholders:

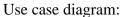
## 1. Developing team

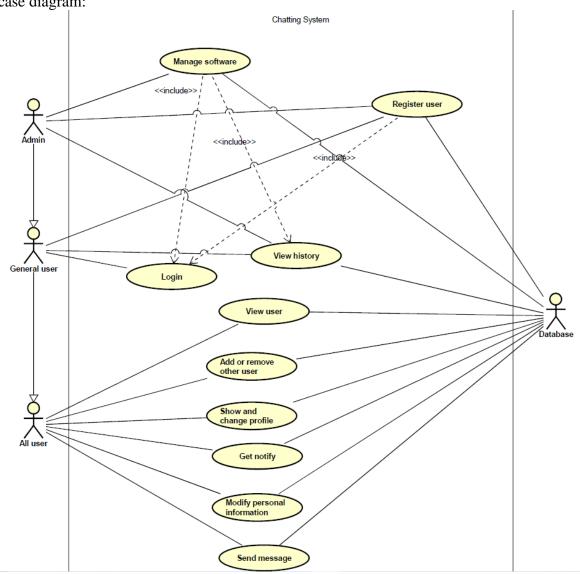
All programmers through the whole phrases.

#### 2. Administrators

End-users who can view and manage part of normal users' information.

Note: no formal investors since we are doing this for free.





#### Use case table:

#### **Register an Account**

Actors	General users, admin
Goal	Add a new user to the system
Preconditions	Users is not in the system

Scenarios	Create a new user
	Set permissions depends on normal
	users or admin
Exceptions	Username/ID already exists in the
	system

**Users Login** 

	0
Actors	General users
Goal	Login to the software
Preconditions	User is in the system
Scenarios	Sign in and password GUI is launched
	Success login and fail login notification
	is launched
Exceptions	Username and password are not
_	matched

Software management

Actors	Admins
Goal	Manage the software and data
Preconditions	Admin logged into the system
	Admin has permissions
Scenarios	Manage the software
	View and manage other users' accounts
Exceptions	No users

**Password Change** 

	0
Actors	General users, admin
Goal	Replace old password with a new one
Preconditions	Users log in to the system
	Old password matches
Scenarios	Passwords need to be replaced
Exception	Old and new passwords are same

**View General Chat History** 

Actors	General users, admins
Goal	View chatting history with friends and
	contactors
Preconditions	Users logged in the system
	Talk or chat with who is or was in
	friends and contactors lists
Scenarios	Chat history need to be viewed
Exceptions	Local chat file is deleted
	Chat history is cleared.

# **Show List of Friends**

Actor:	All User
Goal:	To see friends that user added
Preconditions:	User must add friend first
	User is in the system
Scenarios:	Add friend or agree friend application
	from others
	check the friend user add is in the list
Exceptions:	user doesn't add any friend

## **Show User's ID and Profile**

Actor:	All User
Goal:	To show portrait, username and
	information
Preconditions	User already have the account
	User log in the server
Scenarios	Show the information data from server
	Show username and id
	Show the information and profile user
	edit
Exceptions	empty information and profile part
	which doesn't edit

**Change User's Information** 

011011110111110111111111111111111111111	
Actor:	All User
Goal:	To change user's information and
	profile
Preconditions:	User already have the account
	User log in the server
Scenarios:	Show the all user account information
	and profile
	Change the information, profile and
	username in option box or fill box
	User information and profile need to be
	update
Exceptions:	Change ID

## **Add Friend**

Actor:	All User
Goal	To add contactors in friends list
Preconditions	User is log in the server
Scenarios:	Send friend application to other users.
	Agree by other users and contactor will
	be in friends list
Exception	Users id is not existing

Add friends who you have already
added again

## **Remove Friend**

Actor:	All User
Goal	To remove contactors in friends list
Preconditions	User is log in the server
	User account has friend contact already
Scenarios	Go to friend list and see which friend
	you want to remove
	Go to friend list and check the contactor
	is removed
	Remove friends from friends list
Exception	Remove who is not in the list
	Remove who is not friend.

**Receiving Message Notify** 

Actor	All user
Goal	Let user get notify when message come
	in.
Preconditions	User registered in app.
	User is online
Scenarios	Notify the new message come in
Exceptions	Two messages come in same time.
	Message from strangers.

#### **User Avatar**

Actor	All user
Goal	Let user see both friend avatar and user
	nickname
Preconditions	User registered in app.
	User is online
	User have friend added before
Scenarios	User messages with other
	User click avatar
	User click friends name
Exceptions	No friend in list

# **User Nickname**

Actor	All user
Goal	Let user make their own name which
	could repeat
Preconditions	User registered in app
Scenarios	Let user edit their nickname
	User can see the nickname
	User's friend can see their nickname

Exceptions	User cannot use nickname to search
_	firends

**User Split Two Chat Box** 

Actor	All user
Goal	Let user read two friend messages
	together
Preconditions	User registered in app.
	User is online
	User have friend added before
	User have at least two friends and
	messaged user before
Scenarios	User messages with two friends
	User need talk to more than one friends
	User check two friend's history message
	together
Exceptions	No more than one friend in list

**Sending Message** 

Actor	All user
Goal	Let users send message to each other
Preconditions	User registered in app.
	Both users are online
Scenarios	Messages needed to be sent to another
	users
Exceptions	No friend in list
	Send empty message
	Send file type that didn't support
	Send message to strangers.

# **ID** searching

Actor	All user
Goal	Let users can search other users by ID
Preconditions	User registered in app
	User uses ID search function
Scenarios	User should type the correct ID for
	searching the right person
Exceptions	No matching ID
	Type unrecognized characters in ID

# change chatting background color

Actor	All user

Goal	User can change the chatting background
	color
Preconditions	User registered in app
	User enters chat settings page
Scenarios	Change the desired color from the options
	and save
Exceptions	Nothing