WebChat Product Backlog

List of functionality

1. Registration/Login/Log out

   Registration: User register to use webchat.

   Login: User signs in to use webchat.

   Log out: User log out webchat system.

   Priority: 1

   Effort: 3 hours

2. Add/Delete Friend

   Add Friend: User can add new friend by searching username.

   Delete Friend: Friend can be removed by users.

   Priority: 1

   Effort: 4 hours

3. Send Text Message

   Message is sent using Ajax. Users can send messages to their friends.

   Priority: 1

   Effort: 6 hours

4. Send Image Message

   WebChat should be able to include an image in chatting message.

   Priority: 1

   Effort: 2 hours

5. Receive Text Message

   New messages should be notified using a real-time notification system. Instead of checking for new updates repeatedly, we should use techniques such as websockets for new messages.

   Priority: 1

Effort: 6 hours

6. Chat Group

   Chat Group is a virtual group where all users in the same group are able to send/receive messages to/from other users.

   Priority: 2

   Effort: 5 hours

7. User Recommendation

   New users are recommended based on their similarity. We can use clustering algorithm for this.

   Priority: 2

   Effort: 5 hours

8. Missing Message Notification

   When an offline user gets new messages, he can set up to receive message notification through email.

   Priority: 2

   Effort: 3 hours

9. User's own homepage

   Grumblr can be integrated with WebChat as user's homepage.

   Priority: 3

   Effort: 5 hours