**Requirement Gathering**

**Requirements By Users:**

1. Users can form groups
2. Users can be a part of a group
3. Groups can join groups
4. Every group has a moderator
5. Moderator can remove a user
6. Moderator can 86 a group
7. User from a group can invite other users
8. Moderator can accept invitations
9. User has login credentials
10. User can login via external sources (Linkedin, HuskyID, etc)
11. Groups can have access credentials
12. Users can set icons to be visible by different users

**Requirements for Communication:**

1. User can set visibility
2. Users can search users and groups
3. Users can follow users
4. Users can send messages to users and on groups
5. Users can reply to messages on groups
6. Users can forward messages
7. Users are notified if their messages are forwarded
8. Users can reply to user(s) of the group
9. Users can create thread for conversations
10. Users can start a poll messages on groups
11. Users can set expiry time for poll messages
12. Messages are stored in the system
13. Messages are stored in a queue
14. Users can access paid features such as extending lifetime of messages
15. System provides support for different character sets
16. System provides support for different languages (mainly English, Spanish and French)
17. Users can send media as message (emojis, emoticons, music, video)
18. Users can opt for encryption and self-destruction of messages
19. Users can delete messages
20. System should not deliver deleted messages
21. System maintains a queue of messages
22. User receives messages in the order they were sent when online
23. System stores the sender’s local time as time stamp on the message

**Requirements By Government:**

1. System should support subpoenas for communication between parties
2. Government should receive a copy of the messages wrapped in the sender’s and receiver’s IP address
3. Government can subpoena every user in communication with the person of interest
4. The person of interest has no knowledge of the government tracking
5. Each subpoena has a start and end date to be under scrutiny
6. Encrypted messages should not be decrypted

**Optional Requirements:**

1. Users can set parental control
2. Users can filter a set of words
3. Users can decide whether to tag, block or mark out the filtered terms
4. Users can create private messages that are encrypted and cannot be copied
5. System should be categorized content with hashtags
6. Users can categorize messages with hastags
7. System should support scheduling of meetings and events with RSVP.