

# Meeting Minutes Document

## List of Meeting Minutes:

[9/24/24](#)

[9/29/24](#)

[Meeting Minutes 10/1/24](#)

[Meeting 10/8/24](#)

9/24/24

Attendees:  
Akbar Hashimi  
Ibraheem Fawal  
Van Nguyen  
Ayoub Mekkaoui

## Meeting Minutes

### Responsibilities:

We talked about dividing each portion of the SRS equally. More specifically:

Functional Requirements = 5 each

Non-Functional Requirements = 1 each

Use Case = 3 each

Use Case Diagram = \_\_\_\_\_

Class Diagram = \_\_\_\_\_

Sequence Diagram = 3 each

*Note: We also agreed that we should vote as a group if a requirement or diagram is not sufficient, in which case, a new one would have to be replaced by the same user.*

### Decisions:

- No requirements that involve changing Data Log

Akbar Hashimi  
Van Nguyen  
Ayoub Mekkaoui  
Ben Levy  
Ibraheem Fawal

9/29/24

We discussed what tasks were left and split the workload between 5 members:

Class Diagram:

Ayoub Mekkaoui

Use Case Diagrams:

All possible paths from Admin and Regular User

This job is to be completed by Van and Akbar.

Van - Admin

Akbar- Regular User

PowerPoint:

Ayoub Mekkaoui

Trello:

Van Nguyen

<https://trello.com/b/LnGYq0L2/group1communicationsyscs401>

Akbar Hashimi  
Van Nguyen  
Ibraheem Fawal  
Ben Levy  
Ayoub Mekkaoui  
Nico Palma

## Meeting Minutes 10/1/24

Ayoub - Sequence diagrams and powerpoint

Admins are responsible for removing users from group chat.

Clarification was made that User can create group chats, and no accepting required from participants

Akbar Hashimi  
Ibraheem Fawal  
Van Nguyen  
Ayoub Mekkaoui  
Nico Palma

### Meeting 10/8/24

As of now we decided to leave Client + Server + GUI + Client Handler alone and focus on classes that pertain to the Message Application only.

Ayoub: I'll come up with attributes & methods for classes: MessageHandler, Message, Group

Akbar: User Module

Ibraheem: Storage Manager

Van: Log In, Authentication

Nico: Admin

Deliverable: Rough Draft of UML Class Diagram for Module Due 10/15/24

### Meeting 10/15/24

Akbar Hashimi  
Van Nguyen  
Ayoub Mekkaoui  
Nico Palma  
Ibraheem Fawal  
Ben Levy

We discussed and shared the class attributes and methods we created for our upcoming Design Phase presentation.

Design Doc: Each member will be assigned to write about their classes and show their individual class diagram

Upcoming pledges:

Ayoub - I will continue working on MessageHandler, Message and Group classes. I will also create a Client Side Class Diagram which will include GUI, MessageObjects, Client, MessageType, etc. I will also attempt to contribute to the Server/ClientHandler once a rough draft is submitted by peers.

Akbar - work more on user module

Ben - Server/ClientHandler

UML Diagram\_Lucid: [https://lucid.app/documents#/documents?folder\\_id=386391415](https://lucid.app/documents#/documents?folder_id=386391415)

## Meeting 10/27/24

Akbar Hashimi  
Ibraheem Fawal  
Van Nguyen  
Ayoub Mekkaoui

Desired work:

More use-cases for everyone to work on

Gantt Chart - Akbar and Van

Double check details with class diagram

Presentation Slides - Ayoub

Design Doc (built into SRS)

In the Gantt chart note the past, present, and future. Mention what occurred and assigned during meeting minutes. Also note revision history of SRS

Remove group class and add chatbox when assigning work (note to Akbar)

Roughly 2 use cases per person

## Meeting 10/30/24

Akbar Hashimi  
Van Nguyen  
Nico Palma  
Ayoub Mekkaoui  
Ibraheem Fawal

Suggestion by Akbar: Change Chat to ChatMsg as Chat may suggest an entire group chat / private chat

Must assign roles and deadlines for Implementation and Testing phase

How do I assign the work start and end times for the class diagrams? Check my work on Gantt Chart

What must be done in order:

1. All Class Diagrams must be understood and complete
2. Then Sequence Diagrams and Use Cases are built
3. Decide

Gantt chart must have these:

I was thinking about splitting the code into 4 parts:

1. GUI
2. Client class and all of the classes that deal with creating serializable objects
3. Server class + Client Handler (serialize objects, etc)
4. "Main" server application classes (everything from storage to chatbox to users to authentication system)

GUI is assigned to: Akbar

Client Class: Nico

Networking Aspect of Server (Client Handler, Server): Van and Akbar

Non-Networking Component of Server: Ayoub

Storage: Ibraheem

## Meeting 10/31/24

Akbar Hashimi  
Ibraheem Fawal  
Van Nguyen  
Ben Levy  
Ayoub Mekkaoui

Meeting Obj: Solve following issues

GUI - probably more detail

Synchronization:

Threads:

### **What is needed to be synchronized:**

- ChatBoxes
  - Between Clients and Server
- List of Users:
  - Between Clients and Server
    - Solution: Clients only receive a list of users upon request. Server fulfills request
- Logins and Their chatboxes

Adding users:

1. Starting user requests list of users. Server fulfills request
2. Starting User selects other users to add to chat, this forms a list
3. List is sent to server
4. Server then creates a chatbox, and add the non-banned users

MessageHandler