

# Group 1 – Instant Chatters

## MINUTES OF MEETING

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**12-10-2022**

### Agenda

- Create Multifile Multidirectory in Sprint Files folder
- Ask doubts to sir about the problem statement and Chat server and functionalities which are to be added.
- Draft SRS doc and Fill RTM
- Divide Tasks among team members.
- Assign a person for creating the input data files and testing.
- Assign a person to take care of the daily backup
- Discuss the workflow of the project
- Issues regarding the data input through different server clients has been assigned.
- Requests to the server from the client will be given as CLA.
- Data must be given in such a way different test cases can be tested.
- Chat Server, Client Application, multiple clients client
- An array of requests must be declared because the input of the file name will be given as CLA.

### Action:

Action Item	Responsibility	Planned Finish Date
Create Multifile Multidirectory in Sprint Files folder and add necessary files	Licency, Sukanya, LaxmiKant	12-10-2022
Draft SRS doc	Licency, Sukanya, Vibhu	12-10-2022
Divide Tasks among team members.	LaxmiKant, Jonas	12-10-2022
Assign a person for creating the data files and testing.	Vibhu, Sukanya	12-10-2022
Assign a person to take care of the daily backup	Jonas	12-10-2022
Discuss the workflow of the project	Jonas, Licency, LaxmiKant, Sukanya, Vibhu	12-10-2022

**13-10-2022**

**Agenda**

- Made the HLD, LLD diagrams and made the necessary corrections suggested by sir.
- Made the flow diagram.
- Discuss the workflow of the code and desired output.
- Prepared the pseudocode and made the necessary corrections as suggested by sir.
- Made all the necessary input files and listed out possible failure test cases.

**Action:**

Action Item	Responsibility	Planned Finish Date
Made the DFD Level 0, DFD Level 1 diagrams and made the necessary corrections suggested by sir	Sukanya, Licency	13-10-2022
Made the flowchart.	Jonas, Vibhu	13-10-2022
Discuss the workflow of the code and desired output.	Jonas, LaxmiKant, Licency, Sukanya, Vibhu	13-10-2022
Prepared the pseudocode, made the necessary changes as suggested by sir.	LaxmiKant, Licency, Sukanya	13-10-2022
Made all the necessary input files and listed out possible failure test cases.	Vibhu, Jonas	13-10-2022

**14-10-2022**

**Agenda**

- Written code based on the pseudocode and first check the working for a single file.
- Written all the function files separately and called them from the main function file.
- Given all the necessary server requests, socket creation, building socket structure, bind, listening and accepting connections and also used DMA wherever needed, etc. in the code.
- Debugged the file using gdb commands.
- Discuss the workflow of the code and desired output.

**Action:**

Action Item	Responsibility	Planned Finish Date
Worked on all the above points	Licency, Vibhu, LaxmiKant, Sukanya, Jonas	14-10-2022
Working on CUnit	LaxmiKant, Vibhu, Jonas	14-10-2022

**15-10-2022****Agenda**

- Continued checking the working of code for a single file.
- Given all the necessary client requests, socket creation, building socket structure, bind, listening and accepting connections, creating threads to send messages and to receive messages in the code.
- Discussed the possible reasons for errors and rectified all of them.
- Discuss the workflow of the code and desired output.

**Action:**

Action Item	Responsibility	Planned Finish Date
Worked on all the above points	LaxmiKant, Jonas, Vibhu	15-10-2022
Making of Rainy and Sunny Test cases	Licency, Sukanya	15-10-2022

**16-10-2022****Agenda**

- Wrote the code for multiple client data files and checked if they are being read properly or not.
- Wrote the code for the reading data files and created threads for each client.
- Written all the necessary function files separately and called them from the main function file.
- Created a message handler for sending and receiving on the server side.
- Created threads and mutexes.
- Created make file and .o files and debugged it using gdb command.
- Discuss the workflow of the code and desired output.

**Action:**

Action Item	Responsibility	Planned Finish Date
Worked on all the above points	LaxmiKant, Jonas, Vibhu	16-10-2022
Making of UT and IT Test cases	Licency, Sukanya	16-10-2022

**17-10-2022****Agenda**

- Created threads and mutexes.
- Created a message handler for sending and receiving on the client side.
- Created makefile and. o files for the project and debugged it using gdb command.
- Created CUnit Files and IT testcases were checked. UT-IT document was filled.
- CUnit suites, test cases and makefile were created and debugged to clear errors.
- Modifications and addition of valid-invalid functions were done.

**Action:**

Action Item	Responsibility	Planned Finish Date
Worked on mutex and rectified the errors	Jonas, LaxmiKant, Licency	17-10-2022
Creates the final reports	Sukanya, Vibhu	17-10-2022
Added invalid-valid functions	Jonas, Vibhu	17-10-2022
Created CUnit Files and IT testcases were checked.	LaxmiKant, Licency	17-10-2022
CUnit suites, test cases and make file were created and debugged to clear errors.	LaxmiKant, Licency, Sukanya	17-10-2022