**Group 1 – Instant Chatters**

**MINUTES OF MEETING**

**12-10-2022**

**Agenda**

* Create Multifile Multidirectory in Sprint Files folder
* Ask doubts to sir about the problem statement, Chat server and client 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.
* Port number for the server and 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 are to be added.

**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 input 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 HLD, LLD diagrams and made the necessary corrections suggested by sir | Sukanya, Vibhu | **13-10-2022** |
| Made the flowchart. | Jonas, Licency | **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 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 the function files which are needed to be separated and called them from the main function.
* Given all the necessary client 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 message, to receive message and also used DMA wherever needed, etc. in the code.
* Discuss the possible reasons for errors and try to rectify 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, Licency, Sukanya | **15-10-2022** |
| Making of Rainy and Sunny Test cases | Jonas, Vibhu | **15-10-2022** |

**16-10-2022**

**Agenda**

* Wrote the code for 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.
* 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, Licency, Sukanya | **16-10-2022** |
| Making of UT and IT Test cases | Jonas, Vibhu | **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.

**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 other missing 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** |