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| ID | Requirement | F/NF | C/S/Both | Classes/Methods |
| 001 | The program shall run with at most 50 users. | NF | S |  |
| 002 | The program shall run for at least 30 minutes | NF | S |  |
| 003 | The program shall have a response time of less than one second | NF | B |  |
| 004 | The program shall implement a chat history from the beginning of when the chat was created to the current time | F | S | Class: Lobby  Methods:  Vector<string>messages |
| 005 | The program shall implement a login screen | F | S | Class: View  Methods: loginscreen():: |
| 006 | The program shall have a sign-up window which will also have a login screen | F | S | Class: View  Methods:  Signupscreen():: |
| 007 | The program shall implement a block direct message feature for all users. | F | S | Class: User  Methods: muted()::int |
| 008 | The program shall implement a kick feature for admins to kick out users from the admins chat | F | C | Class: Controller  Methods:  Kick()::int |
| 009 | The program shall implement the feature for the admin to give administrator right to other users | F | C | Class: Controller  Methods: addAdmin()::int |
| 010 | The program shall implement a system to spot and stop spamming | F | S | Class: Lobby  Methods: spamming():: |
| 011 | The program shall have a max capacity of 50 for each chat. | NF | S |  |
| 012 | The program shall implement an inactivity of user in system will check if the user has not logged in for longer than 30 days and will delete them | F | S | Class: Lobby and Controller  Methods: deleteLobby()::int  timestamp()::string |
| 013 | The program shall implement a help window that will have guidelines or rules for the general chat | F | S | Class: View  Methods: help()::string |
| 014 | The program shall implement a functionality for sending files to others and to the chat | F | C | Class: Lobby  Methods: sendFiles()::string |
| 015 | The program shall implement a time stamp for each message sent | F | S | Class: Lobby  Methods: timestamp()::int |
| 016 | The program shall implement a feature to make a private chat that will be invite | F | C | Class: User  Methods:  Vector<user>friendlist(); |
| 017 | The program shall implement an auto correct feature | F | S | Class: Messages  Methods:  autoCompletion()::string |
| 018 | The program shall implement tab completion | F | S | Class: Messages  Methods:  tabCompletion()::string |
| 019 | The program shall implement color text in which the color will be from ncurses | F | B | Class: View  Methods:  ColorText()::string |
| 020 | The program shall implement different font texts | F | B | Class: View  Methods:  fonts()::string |
| 021 | The program shall implement a list of rules when using and joining SuperChat and user will have to click “I agree” to use. | F | C | Class: View  Methods: signUpScreen():: |
| 022 | The program shall implement a system to check Chat inactivity which will monitor if there is no one in the chat and the chat has not have any activity in over 24 hrs | F | S | Class: Controller  Methods:  Checkinactivity(string)::int |
| 023 | The program shall implement a logout feature | F | C | Class: Controller  Methods: Logout()::int |
| 024 | The program shall implement a feature to friend other users and have friend list and to see if they are online | F | C | Class: Controller/View  Methods:  checkstatus(string)::int  refreshstats(string)::int |
| 025 | ~~The program shall implement an avatar for the users picture~~ | F | C |  |
| 026 | The program shall implement a poll implementation for the chat to vote on certain | F | C | Class: Lobby  Methods:  createpoll()::int |
| 027 | The program shall implement a leaving a chat which will notify the chat if so | F | S | Class: Bot  Methods: announcements(string)::string |
| 028 | The program shall implement an Auto moderator that will moderate certain actions that had happened in that chat room. | F | S | Class: Bot  Methods: vector<string>curseWords  cursewordDectector(string)::string |
| 029 | The program shall have a general chat where all the users go after the login/sign up screen | F | C | Class: Lobby  Methods: Lobby:: |
| 030 | The program shall have keyboard shortcut bar to inform user of possible navigation. | F | S | Class: View  Methods:  keyBoardShortcut()::string |
| 031 | The program shall support a group search based on the users input | F | S | Class: Controller  Methods:  lobbySearch(string)::string |
| 032 | The program shall check when creating a group if that group already exists | F | S | Class:Controller  Methods:  checkExistingLobby(string)::string |
| 033 | ~~The program shall implement a my-message-board in which users can join and leave group~~ | F | C |  |
| 034 | The program shall support creating new group chat | F | C | Class: Controller  Methods:  CreateLobby()::int |
| 035 | The program shall implement remember user if that user did not log out. | F | S | Class: Controller  Methods:  rememberMe(string)::string |
| 036 | The user shall be up to 10 chatrooms at a time | NF | B |  |
| 037 | The program shall be implemented using -std=c++ 11 | NF | S |  |
| 038 | The program shall implement spell check on given dictionary | F | S | Class: autoComplete  Methods:  Vector<string>dictionary |