# ChatClient Readme File

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CSE 110

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## A. Running ChatClient

* Extract the files into a location
* In a terminal go to the location where the files were extracted.
* To run the Command Line program: In the command line type “java –jar CommandLineChat.jar”
* To run the GUI program: In the command line type “java –jar GraphicalChat.jar”

## B. Command Line Documentation

Server Selection:

* You will be prompted to select a server within a list that indicates available servers
* Select a server by entering the number beside it (e.g, type in ‘1’) and press enter
* The command line will either let you know that the server is not available

Login:

* Enter username and press enter
* Username requirements are as follows:

- The field cannot be empty.

- The username cannot contain any spaces or commas

Command List:

* All commands start with a backslash “ \ “.

\help Displays all available commands.

\exit Exits out of the chat program.

\logout Exits out of the chat program, and returns to login

\listusers Shows a list of all online users in current chat room or lobby.

\listchatrooms Shows a list of all chat rooms

\joinchatroom (roomName) Joins specified chat room

\pm (username ) All messages entered after this command will go to the specified user.

\broadcast All messages entered after this command will be broadcast to all users in the chatroom.

\exitchatroom Exits current chat room.

### Sending A Broadcast Message:

* Type in “\broadcast” , press enter
* Type in message, press enter

### Sending Private Message:

* Type in “\pm (username)” , press enter
* Type in message, press enter

## C. GUI Documentation

### Login

* Enter a username in the user name text field.
* Click the login button to login.
* If the username is correct the application window will pop-up. Otherwise, you will receive an error message and the text field will be erased.

### Logout

* Click the logout button or the window X button to be logged out of the server.
* NOTE: clicking either will also cause the program to terminate.

### **Chat** Rooms

* Each tab represents a different chat room.
* To enter a chat room click the tab labeled with the name of your choice.
* You can only be in one chat room at a time. Clicking a new tab causes you to leave your current chat room and enter a new chat room.

### Online Users

* This screen lists the users currently within a selected chat room.
* The user list automatically updates in real time.
* The user denoted as ‘#All’ is a fictitious user that sends a message to everyone.

### Sending A Broadcast Message

1. By default the user ‘#All’ is selected in every chat room. While selected, enter your message in the message box located under the chat history box.
2. When finished click the send button.
3. The message will be sent to everyone in the current chat room.

### Sending A Private Message:

1. Select the desired user from the online user list.
2. Enter your message in the message box located under the chat history box.
3. When finished click the send button.
4. NOTE: Your message will appear in the chat history window but will only be visible by the selected user.