

CSE 5306
DISTRIBUTED SYSTEMS
LAB 1

The code is implemented in Python3 and Tkinter for the GUI on client side.

Run() **python server_multi.py** file first from the terminal.

Then ,run **python client.py** in a separate terminal.

When the client.py file is running, the **gui.py** file will run simultaneously to show the interactions between the client and the server.

You need to run the client.py file as many times as many number of clients you require to connect to the server.

If the user enters a duplicate username, an error message will be displayed and the system will sleep for sometime and the windows will close.

The client has to be run again to make it work again with the server.

Keep all the files in the same directory.

CITATIONS

<https://github.com/mikegpl/pychat>

<https://www.geeksforgeeks.org/simple-chat-room-using-python/>

ERRORS/BUGS

Multicasting not working

Server GUI not implemented