Matthew Vines

3.0: Additional code written in order to implement List Users

- In clackClient.Start() sends username to serversideClientIO once the socket is connected

- In serversideClientIO, new method checkData checks to see if “USERNAME” keyword is sent from client. If “USERNAME” is called then the client username is saved into a new instance variable. Additionally the checkData method checks to see if “LISTUSERS” was passed. If “LISTUSERS” is passed to the checkData method then the listUsers method is called, which sends a copy of the list of usernames to the client that requested “LISTUSERS”.

- In clackServer the listUsers method loops through the serversideClientIO list and uses the new username accessor to build a list of connected users and sends as messageClackData to the client that requested “LISTUSERS”

Here is our tests from testing with TA Xinxhao

Hello I am back

Mvines:

Hello I am back

LISTUSERS

User List:

[Xinchao, mhansen, Mvines]

SENDFILE src/Test.txt

Mvines:

SENDFILE TEST FILE

mhansen:

Hello

How are you!?

Mvines:

How are you!?

mhansen:

So Wonderful

LISTUSERS

User List:

[Xinchao, mhansen, Mvines]

Xinchao:

Glad to be here!

LISTUSERS

User List:

[mhansen, Mvines]

LISTUSERS

User List:

[Mvines]

DONE

Socket closed

**HANSEN**

SENDFILE src/data/newfile.txt  
mhansen:  
this is the new file  
to read for testingMvines:  
SENDFILE TEST FILELISTUSERS  
User List:  
[Mvines, Xinchao, mhansen]  
LISTUSERS  
User List:  
[Xinchao, mhansen]  
Mvines:  
Hello I am back  
LISTUSERS  
User List:  
[Xinchao, mhansen, Mvines]  
Mvines:  
SENDFILE TEST FILEHello  
mhansen:  
Hello  
Mvines:  
How are you!?  
So Wonderful  
mhansen:  
So Wonderful  
Xinchao:  
Glad to be here!  
LISTUSERS  
User List:  
[mhansen, Mvines]  
DONE  
Socket closedProcess finished with exit code 0

Send a message to team-hansen-vines

CONTRIBUTIONS

Matt Hansen:

Matt Hansen did a little bit of framework for part 3. This framework was basically creating the run methods for the two new classes. The rest of the project was completed in tandem.

Myself:

I completed this document along with in tandem with Matt Hansen completing the LISTUSERS and other necessary parts of this project. There were no issues with working with Matt Hansen.