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EECS 325

ALL JAVA FILES ON SERVER AND ON BLACKBOARD

1. I am using port number 50026. This port is hard coded into the main method of the server, so just running the chatd file will launch the server.
2. Start chatd file on server and it will open socket and print the IP address of the server. When you run the client file a Gui will pop up. It will ask for the IP address of the server and then the port number of the server. Then it will prompt you for a unsername. If you fail to input a unique one a new window will pop up telling you what you did wrong and to try again. After entering a correct username you can:
3. Type a message in the lower box then press enter, because you are a currently a listener at that point it will reprint the message above telling you that you aren’t in a chat with anyone.
4. If you want to start a chat with somebody type **Start Chat** into the box then press enter. This will prompt you to type in a username to chat with. If you enter a username that is yourself, doesn’t exist, or is already in a chat it will print an error in your gui. However, if they are available you will start a chat with that user. You can send as many messages as you want without getting a response as per the 425 extra credit. To exit the chat you can either type **Exit Chat** or Close the window with the red x or **Start Chat** with a new user. The same rules apply with starting a chat as when you aren’t in a chat. When you enter or leave a chat everyone body in the chat is notified in the message box.
5. When the message box says Exited Chat and you exit chat, then that means your chat partner either quit the application, exited the chat, or switched chat partners.
6. Only “bug” I have is because my client uses a gui it can’t be run on the server. I know that the assignment says that is the first test that you do, but I don’t think it is possible to run the GUI on the server. Instead run the chatd on server and the clients on your local machine. To quit server in terminal control C stops the server process.