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Documentation

1.

In this project, my program features include:

In client side: recv, which to receive data from server. Send, which send datat to server. Also, print out the data. Printout command instruction

Server side: send public and private message. Login, logout and register function. Also, log all actions on server side.

2.

To compile my code: use javac Server.java and javac Client.java

then java Server and Java Client

3.

User manual: After launch server and client. User should be able to see a message for how to input a command.

4. application protocol: first client create socket and connect the socket to server. Then, client send command to server and server reponse. However, if a client is not logined, certain functions are limited. After, server validate client’s username and password, it allows other command such as send. And server executes clients’ request. If connection between server and client is bad, server will remove connection but keeps other clients online.