

### **LAB #3 CSE 5306 Spring 2021**

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**IDE:** Eclipse (Java)

#### **Instructions**

- Submitted folder can be imported into the IDE.
- Folder contains 6 files Server.java, ClientGUITest.java, LoginClient.java, lexicon.txt, BackupServer.java and BackupLexicon.txt
- lexicon.txt contain a lots common words and server creates a dictionary based on these words.
- To connect a new client user must run LoginClient file.

#### **Steps to run code**

- First run the BackupServer.java and then server.java file. You should see on BackupServer Window saying Server connected.
- Now run LoginClient.java, it will open a window where you can enter your user name.
- Now you will see different window with few option.
- User can press File Button to send file and deselect to send words to add into lexicon.txt file.
- You can choose disconnect to disconnect the user, select to choose a text file, and send to send the file/words.
- When you send a text file to the server it will show a message when it receives the file and When appropriate changes have been made it will also show the file Name to see the changes.
- If user sends a text/ words server will show what user has sent and notify user when lexicon is updated.
- All the additional files will be created in the same folder that the program is running in.