**CSE 5306 DISTRIBUTED SYSTEMS**

**Lab Assignment 1**

**Write Up**

**Siddhant Shettiwar**

**1001879146**

The code consists of server.py and client.py as main files. The remaining files are supporting text files required to stored the input and output to/from the code.   
lexicon.txt is stored under server folder.

Client folder has two folders namely “Send” and “Recv”. Send folder has the text files which are supplies to client.py when needed to send text data to server through socket and Recv folder has the text files which are received/updated every time the server is provided with the input “send” folder text files.

**Limitations :**

1. The client cannot accept the input files from anywhere on the system, the input files need to be under client/send directory.
2. Client is not able to disconnect using the disconnect button but can disconnect if “DISCONNECT” is entered in username input.

**How to run:**

1. Unzip the whole folder and run server.py through terminal/cmd using python server.py
2. Then run multiple clients through terminal/cmd using python client.py
3. Make sure to move your desired input text files to client/send directory and then enter their name in file path field during execution .
4. Update the lexicon text file under server folder according to your test cases.