This program runs on python 3.7.0

It has a few dependencies to be installed:

- tkinter #For GUI

Pycharm is the IDE used.

But it can also be run on the python console

To run:

1. Start Server  
 python3 server.py  
2. Start Client  
 python3 client.py

3. Edit the .txt file

Run the client program

4. Receive the output

Assumptions:

1. No validation done except for the usernumber.

2. Fixed server IP and port

3. Need to press send button. Return key does not work

4. Values are hardcoded  
5. No checks on clients

6. We still broadcast but choose to ignore if message is not relevant

7. No fancy formatting of GUI

References:

<https://medium.com/swlh/lets-write-a-chat-app-in-python-f6783a9ac170>

<http://timgolden.me.uk/python/win32_how_do_i/watch_directory_for_changes.html>

https://www.youtube.com/watch?v=5fiAaNVwGuA&feature=youtu.be

<http://www.bogotobogo.com/python/python_network_programming_server_client_file_transfer.php>  
<http://www.sfentona.net/?p=2766>  
https://github.com/attreyabhatt/Reverse-Shell/tree/master/Multi\_Client%20(%20ReverseShell%20v2)