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Course: COMP 4300

Assignment #1

Purpose: Multi threaded Web chat application using python sockets

User Instructions:

Initially, start the server using following command,

```
python server.py
```

Then start the clients using following command,

```
python client.py (start multiple clients to test behavior among them)
```

Enter a unique nickname for each of the clients and start using features of the web chat.

Type /help to learn about the features any user can use. I have also listed the features in this file.

```
/create [unique_room_name]
```

```
/join [existing room_name]
```

```
/list/users [existing_room_name]
```

```
/list/rooms
```

```
/send [room_name] [message]
```

```
/leave [room_name]
```

- all the room_names should be one word names

To close the server or client, you can simply close the terminal or press Key board Interrupt Key (CTRL + C).

File submitted:

server.py, client.py, SOJITRA Bhautik Testing Report.pdf, Instructions.pdf, 7 screenshots of output consoles, Screenshots_explanations.pdf