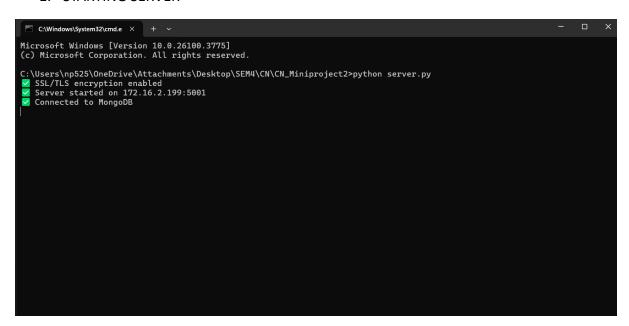
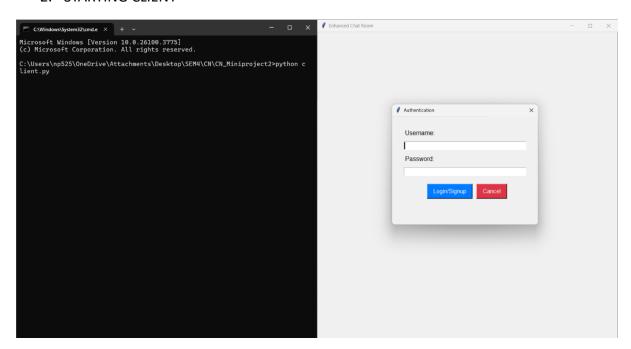
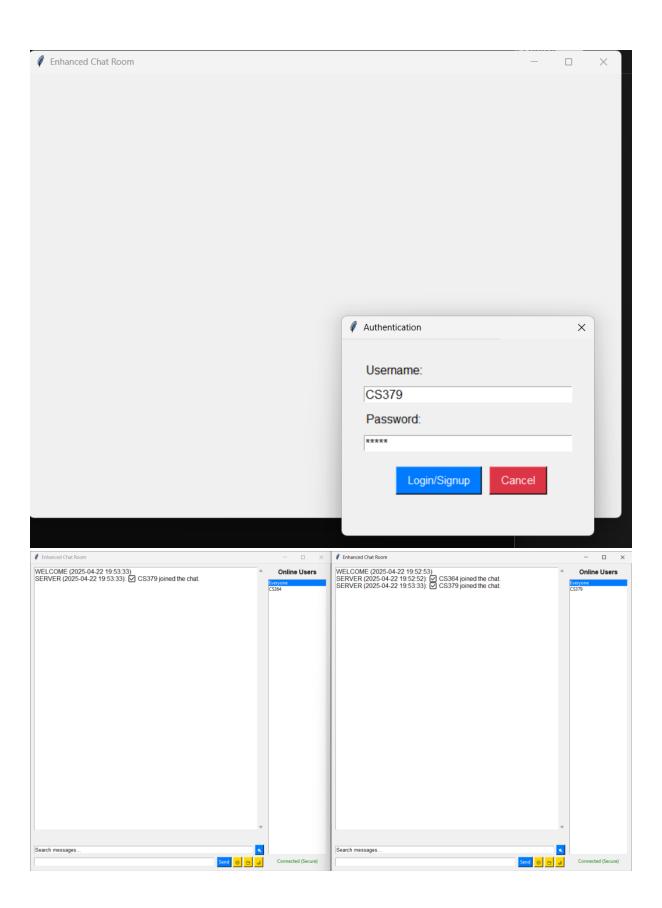
## 1. STARTING SERVER



## 2. STARTING CLIENT





## 3. SERVER CAPTURING ALL MESSEGES

```
Microsoft Windows [Version 10.0.26100.3775]
(c) Microsoft Corporation. All rights reserved.

C:\Users\np525\OneDrive\Attachments\Desktop\SEM4\CN\CN_Miniproject2>python server.py

SSL/TLS encryption enabled

Server started on 172.16.2.199:5001

Connected to MongoDB

Connected to MongoDB

Connected to MongoDB

Connection from ('172.16.2.199', 59330)

Broadcast] SERVER: Wheh joined the chat.

Broadcast] SERVER: We haleft the chat.

X Neha disconnected.

Connection from ('172.16.2.199', 59354)

Broadcast] SERVER: S309 joined the chat.

Connection from ('172.16.2.199', 59367)

Broadcast] SERVER: S304 left the chat.

X C3364 disconnected.

Broadcast] SERVER: C3379 left the chat.

X C3379 disconnected.

Connection from ('172.16.2.199', 59441)

Broadcast] SERVER: C339 left the chat.

X C3379 disconnected.

Connection from ('172.16.2.199', 59441)

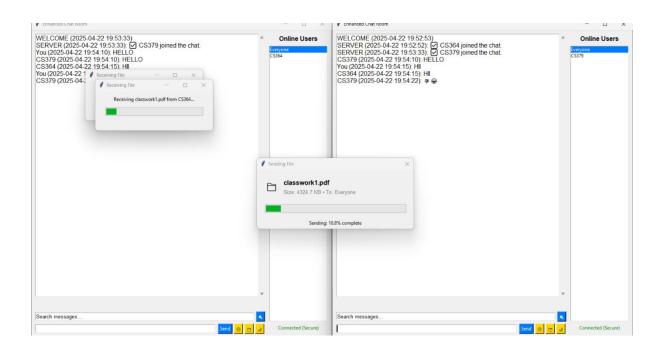
Broadcast] SERVER: C339 left the chat.

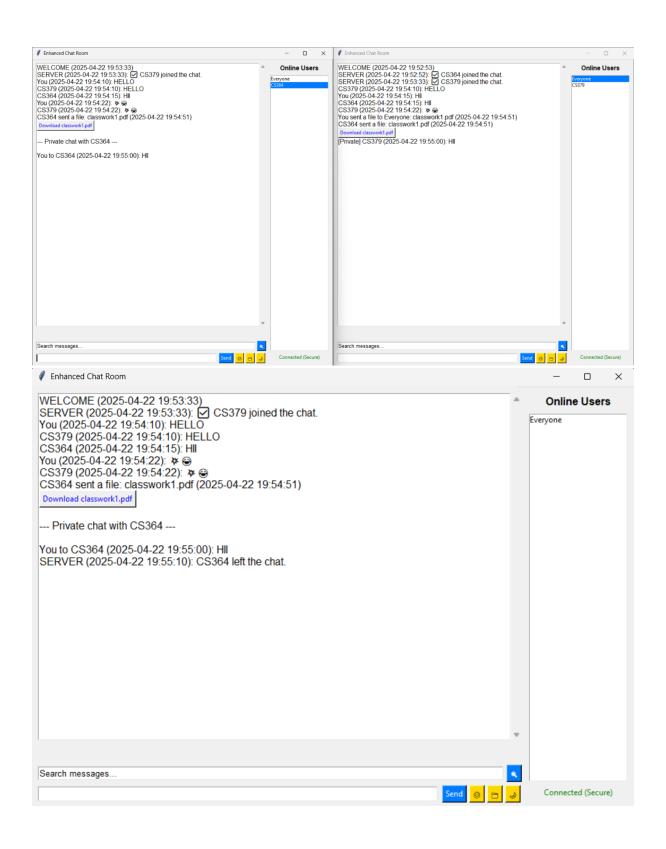
X C3379 disconnected.

Connection from ('172.16.2.199', 59465)

Broadcast] SERVER: C3379 joined the chat.
```

## 4. FILE SHARING, EMOJI, AND PRIVATE MESSAGES





```
✓ SSL/TLS encryption enabled
✓ Server started on 172.16.2.199:5001
✓ Connected to MongoDB
✓ Connection from ('172.16.2.199', 59330)
[Broadcast] SERVER: ✓ Neha joined the chat.

K Neha disconnected.
✓ Connection from ('172.16.2.199', 59354)
[Broadcast] SERVER: ✓ C3379 joined the chat.
✓ Neha disconnected.
✓ Connection from ('172.16.2.199', 59367)
[Broadcast] SERVER: ✓ C3364 joined the chat.
✓ C3364 disconnected.
✓ C3364 disconnected.

K C3379 disconnected.
✓ Connection from ('172.16.2.199', 59441)
[Broadcast] SERVER: C3379 left the chat.
✓ C3379 disconnected.
✓ Connection from ('172.16.2.199', 59441)
[Broadcast] SERVER: ✓ C3364 joined the chat.
✓ C379 disconnected.
✓ Connection from ('172.16.2.199', 59465)
[Broadcast] SERVER: ✓ C3379 joined the chat.
✓ C3640 disconnected.
✓ Connection from ('172.16.2.199', 59465)
[Broadcast] SERVER: ✓ C3379 joined the chat.
✓ C379 disconnected.

Erroadcast] SERVER: ✓ C3364 disconnected.

Erroadcast] C3379: HELLO
[Broadcast] C3379: HELLO
[Broadcast] C3379: HELLO
[Broadcast] SERVER: C3579 left the chat.
✓ C3564 disconnected.

Erroadcast] SERVER: C3564 left the chat.
✓ C3564 disconnected.

Erroadcast] SERVER: C3564 left the chat.
✓ C3564 disconnected.
```

5. MONGODB CONNECTION – storing all messages and user details

