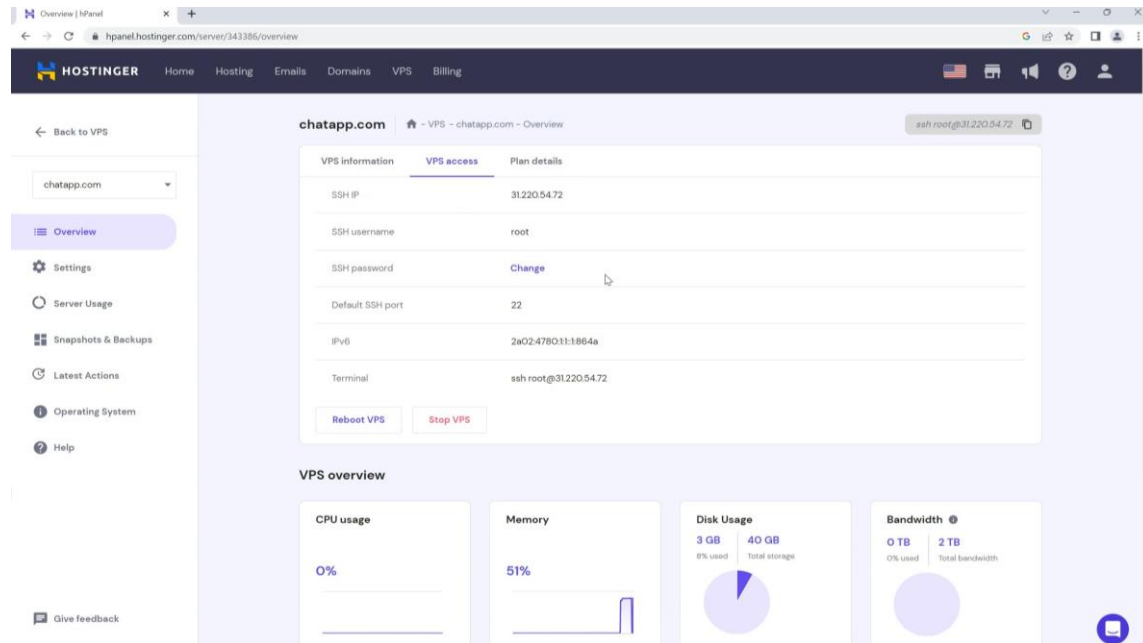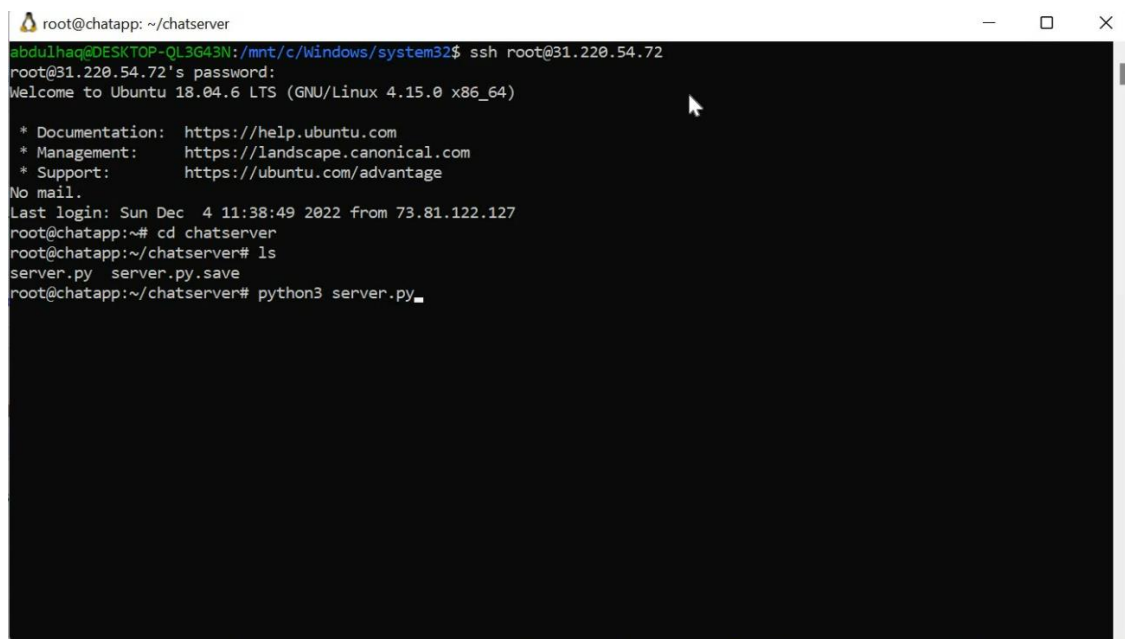# PROJECT TITLE: CHAT APPLICATION

PROJECT SCREENSHOTS

Activating the Hostinger Hosting Platform. SSH IP can be seen
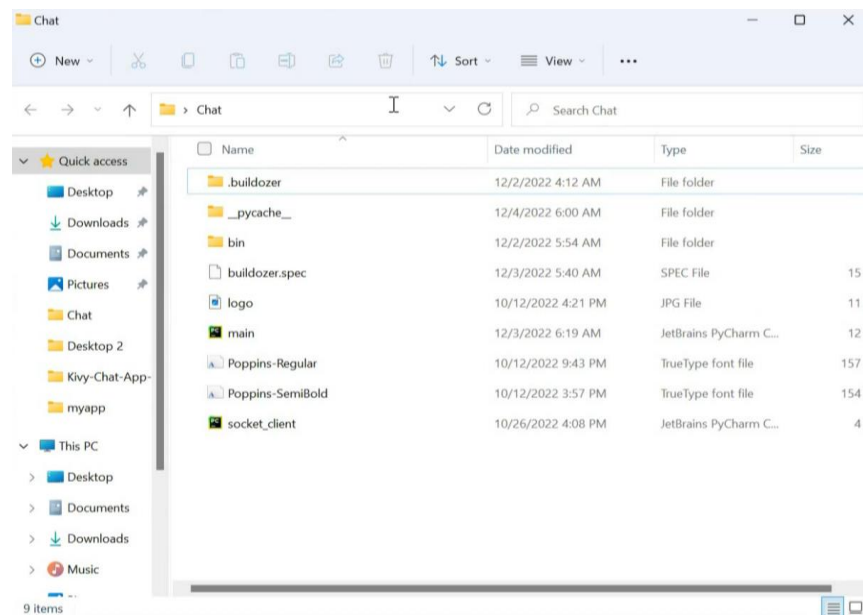

Windows Subsystem Linux and Running the Host IP address

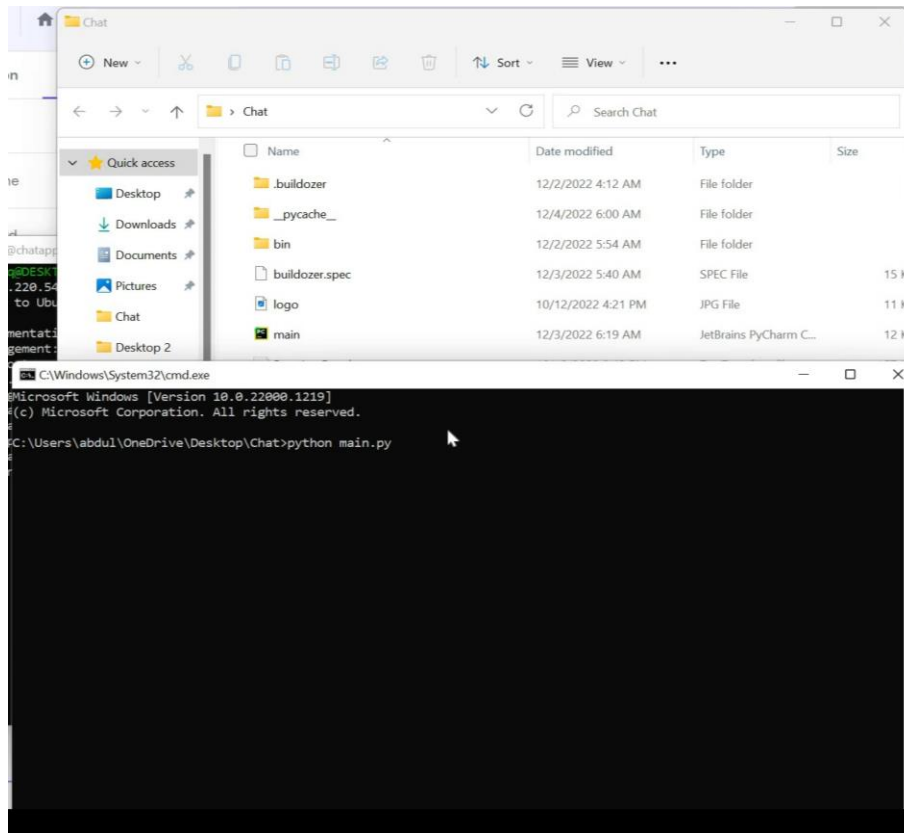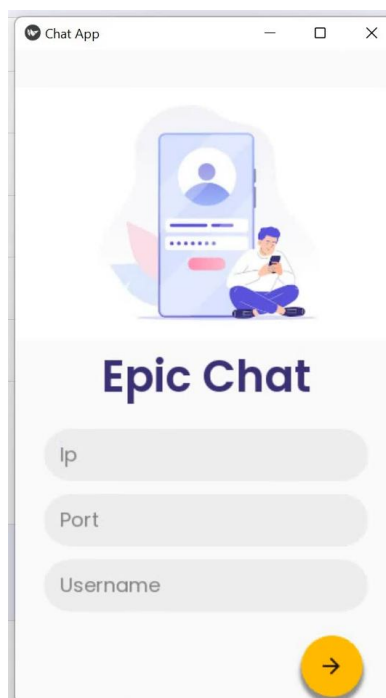Running the server. Shows the message "Listening for connections…" means server is up and running
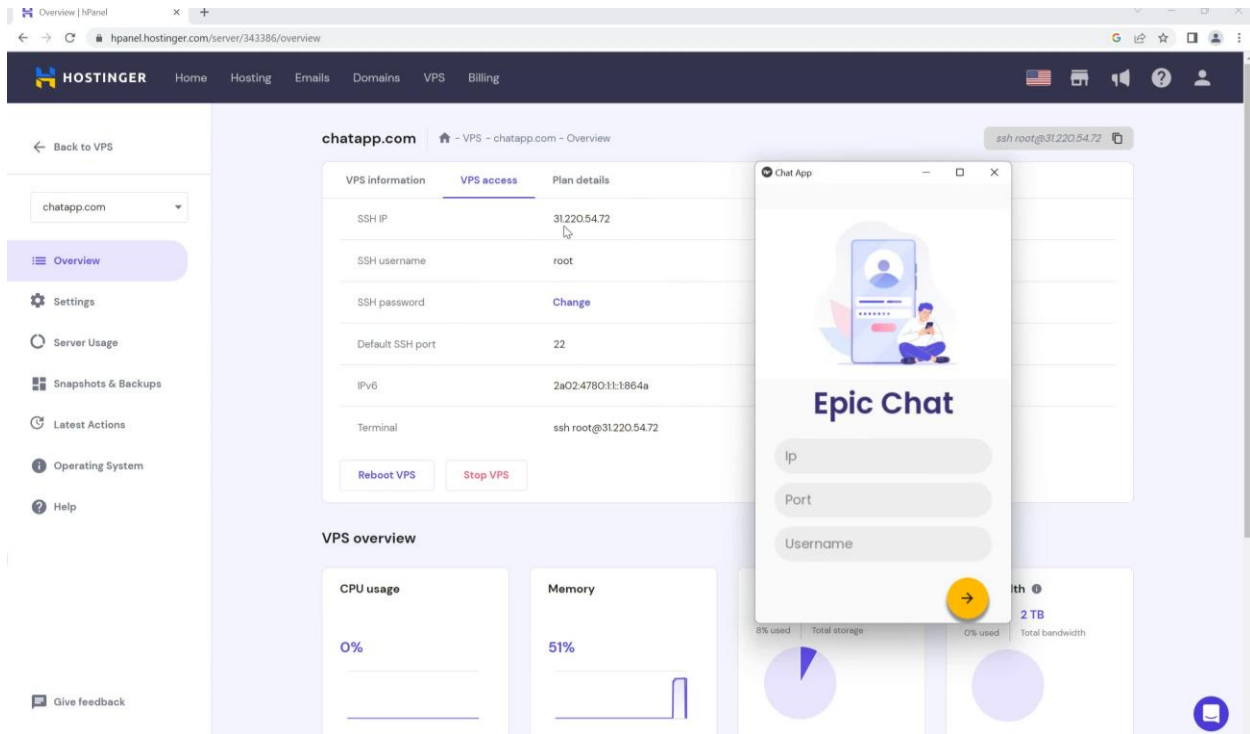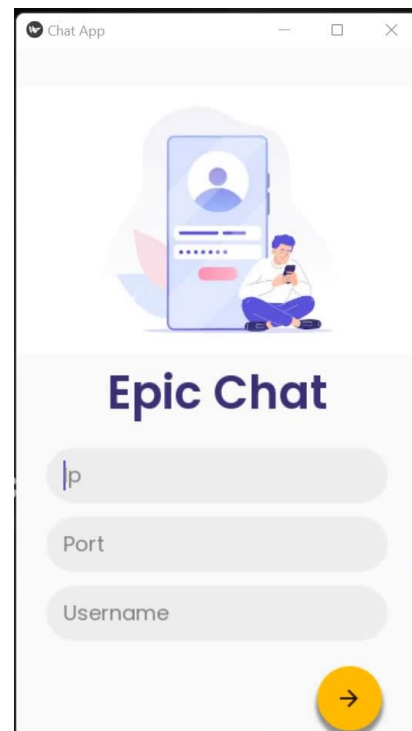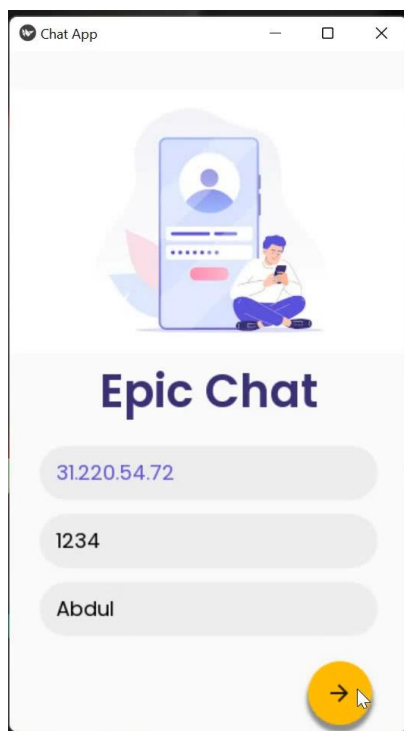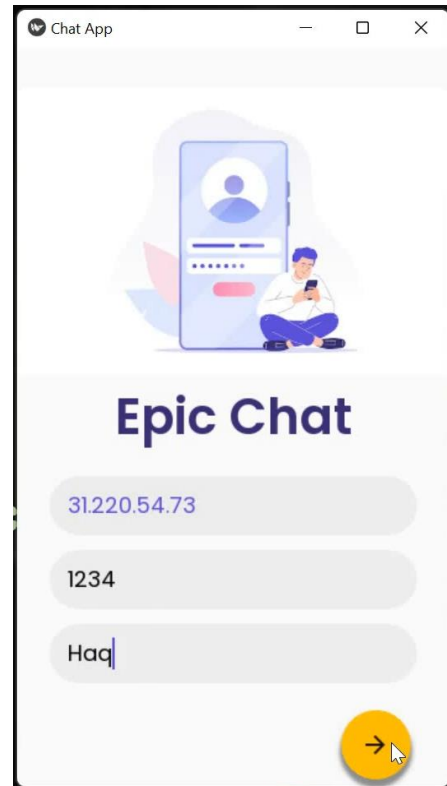

Chat app code files

Running main.py file

Chat App is launched

IP address for the app

PORT is mentioned in the code. Another User app is launched

User 1 enters the chat room. User 2 uses a different IP address.


```
[INFO   ] [Python    ] v3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)]
[INFO   ] [Python    ] Interpreter at "C:\Users\abdul\AppData\Local\Programs\Python\Python37\python.exe"
[INFO   ] [Logger    ] Purge log fired. Processing...
[INFO   ] [Logger    ] Purge finished!
[INFO   ] [Factory   ] 189 symbols loaded
[INFO   ] [Image     ] Providers: img_tex, img_dds, img_sdl2, img_pil (img_ffpyplayer ignored)
[INFO   ] [Window    ] Provider: sdl2
[INFO   ] [GL        ] Using the "OpenGL" graphics system
[INFO   ] [GL        ] GLEW initialization succeeded
[INFO   ] [GL        ] Backend used <glew>
[INFO   ] [GL        ] OpenGL version <b'4.6.0 - Build 30.0.101.1692'>
[INFO   ] [GL        ] OpenGL vendor <b'Intel'>
[INFO   ] [GL        ] OpenGL renderer <b'Intel(R) Iris(R) Xe Graphics'>
[INFO   ] [GL        ] OpenGL parsed version: 4, 6
[INFO   ] [GL        ] Shading version <b'4.60 - Build 30.0.101.1692'>
[INFO   ] [GL        ] Texture max size <16384>
[INFO   ] [GL        ] Texture max units <32>
[INFO   ] [Window    ] auto add sdl2 input provider
[INFO   ] [Window    ] virtual keyboard not allowed, single mode, not docked
[INFO   ] [Text      ] Provider: sdl2
[INFO   ] [KivyMD    ] v0.104.0
[INFO   ] [GL        ] NPOT texture support is available
[INFO   ] [GL        ] Unpack subimage support is available
[INFO   ] [Base      ] Start application main loop
[INFO   ] [Clipboard ] Provider: winctypes
attemting to join31.220.54.73: 1234 as Haq
[INFO   ] [Base      ] Leaving application in progress...
3.997760700000001
```

User 2 cannot enter the chatroom as he entered wrong IP address and the application is closed.
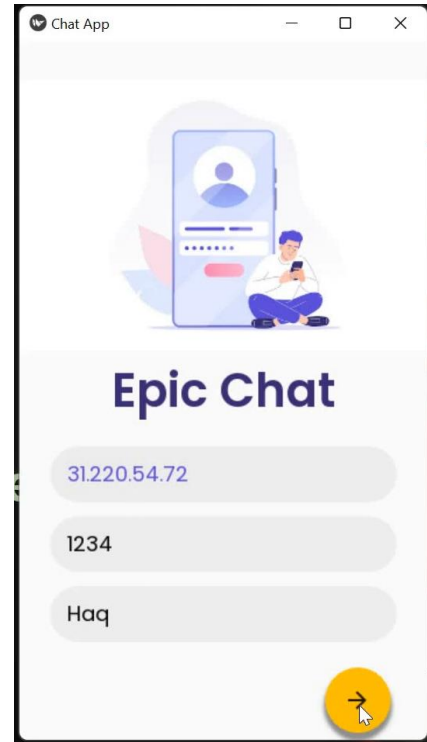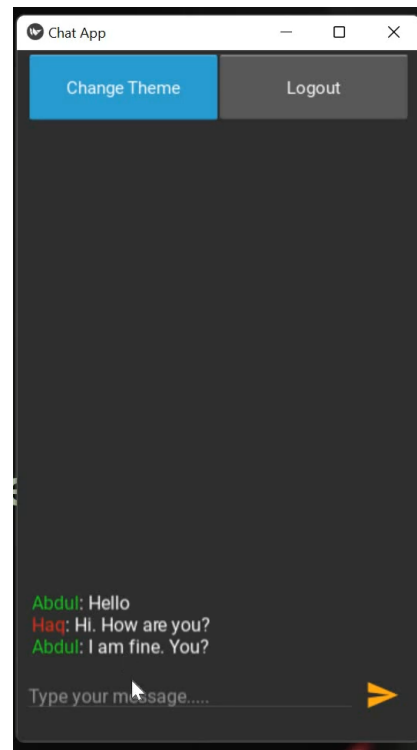
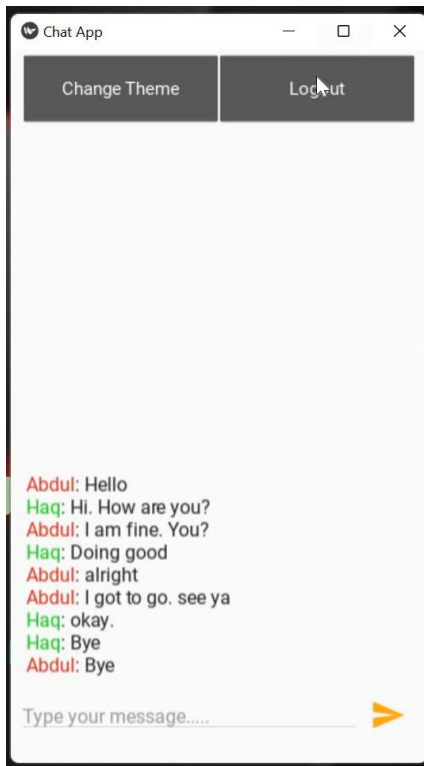User 2 now enters the correct IP address

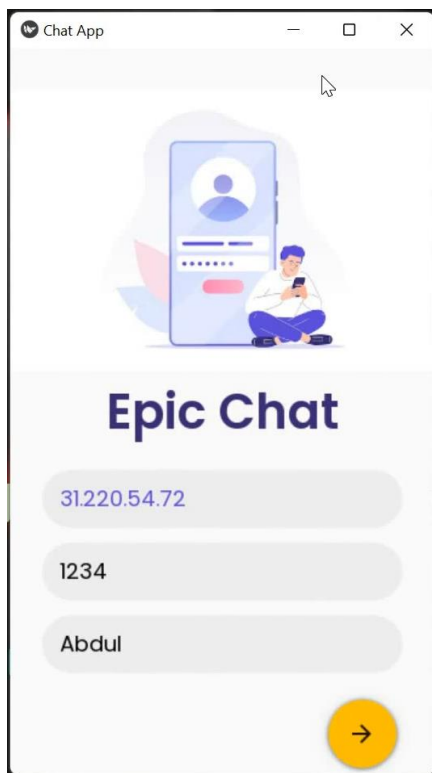User 2 is now in the same chat room as User 1
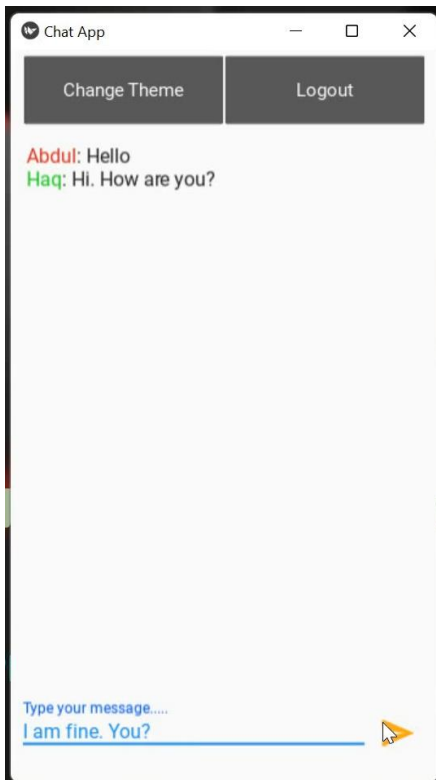
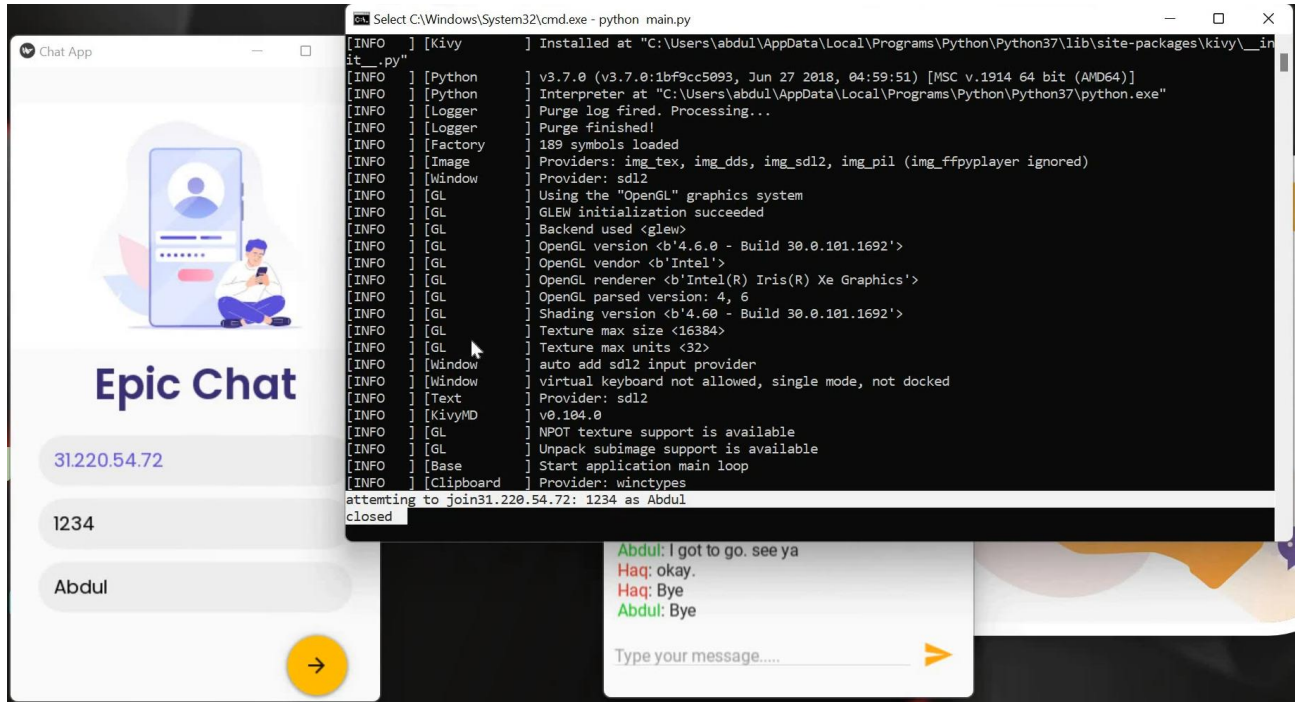User 1 is sending messages which is received by User 2 and vice-versa

User 1 and 2 are chatting. User 2 changes the chat theme to dark using the Change Theme button

Users want to end the chat. User 1 clicked Logout button

User 1 is logged out and home screen is shown.

Epic Chat

31.220.54.72

1234

Abdul

```
Select C:\Windows\System32\cmd.exe - python  main.py

[INFO   ] [Kivy       ] Installed at "C:\Users\abdul\AppData\Local\Programs\Python\Python37\lib\site-packages\kivy\__in
it__.py"
[INFO   ] [Python     ] v3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)]
[INFO   ] [Python     ] Interpreter at "C:\Users\abdul\AppData\Local\Programs\Python\Python37\python.exe"
[INFO   ] [Logger     ] Purge log fired. Processing...
[INFO   ] [Logger     ] Purge finished!
[INFO   ] [Factory    ] 189 symbols loaded
[INFO   ] [Image      ] Providers: img_tex, img_dds, img_sdl2, img_pil (img_ffpyplayer ignored)
[INFO   ] [Window     ] Provider: sdl2
[INFO   ] [GL         ] Using the "OpenGL" graphics system
[INFO   ] [GL         ] GLEW initialization succeeded
[INFO   ] [GL         ] Backend used <glew>
[INFO   ] [GL         ] OpenGL version <b'4.6.0 - Build 30.0.101.1692'>
[INFO   ] [GL         ] OpenGL vendor <b'Intel'>
[INFO   ] [GL         ] OpenGL renderer <b'Intel(R) Iris(R) Xe Graphics'>
[INFO   ] [GL         ] OpenGL parsed version: 4, 6
[INFO   ] [GL         ] Shading version <b'4.60 - Build 30.0.101.1692'>
[INFO   ] [GL         ] Texture max size <16384>
[INFO   ] [GL         ] Texture max units <32>
[INFO   ] [Window     ] auto add sdl2 input provider
[INFO   ] [Window     ] virtual keyboard not allowed, single mode, not docked
[INFO   ] [Text       ] Provider: sdl2
[INFO   ] [KivyMD     ] v0.104.0
[INFO   ] [GL         ] NPOT texture support is available
[INFO   ] [GL         ] Unpack subimage support is available
[INFO   ] [Base       ] Start application main loop
[INFO   ] [Clipboard  ] Provider: winctypes
attemting to join31.220.54.72: 1234 as Abdul
closed
```

Abdul: I got to go. see ya
Haq: okay.
Haq: Bye
Abdul: Bye

Type your message.....

The connection of User 1 is closed.