CS384 2022 Project 01 - A chat based utility using Python over LAN

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Python 3.8.10 Install Instruction https://pastebin.com/nvibxmjw

Deadline: 30th Nov, 2022. 23:59. All of your git repos shall be pulled after that. That will be the version which will be checked.

Warning: Sharing is Caring is good for cat videos. Sharing of program may lead to plagiarism and would effect in 0 to both.

Pull This Git Repo - https://github.com/Cs3842022/CS384_2022 and copy the proj1 to your repo folder.

Git Requirements: At least 5 git commits should be there with meaningful comments (at least 4 words)

The entire code must be into multiple try, except block: Multiple Try Except should be the part of the code, so that if there is an error in a new file, the program throws the exception and does not stop. Also the number of rows should be read such that files bigger/smaller than this should be able to run by your code.

The purpose of the utility is to make a chat software to enable chatting over LAN. It should have graphical based interface and have the following features:

1. Users should be able to sign up using email

2. Users should be able to reset password. In this case and activation code or activation link for resetting password should go on the email of their user, following which they can reset the password.

3. Users should be able to see who is online

4. Users should be able to send files to users over the LAN

5. Features (for example user xyz is typing just like it appears on chat when you do on whatsapp) and other features that you can think of.

6. History of previous chat so that we can scroll and see the previous chat what we have them (just like whatsapp)

Any additional feature that you can think of. If the feature seems worthy it shall have bonus marking. It needs to be implemented in a group of two students as mentioned.

You can use online resources. But you should be able to explain your code when you will show the project demo.