**Assignment # 7 – Remote Shell: Combine ChatApp with Linux Shell command Interpreter**

RemoteShell: Automate one end of ChatApp

Receive messages from remote chatApp clients.

Authenticate remote user through user/password.

Send welcome message.

Interpret commands sent from the remote end (use parser application given as assignment # 1).

Reply remote end with detailed description of command sent.

ChatApp:

Use ChatApp to send linux commands to RemoteShell.

Use login/password mechanism for user authentication. (Fixed user/password)

Receive and show details sent by RemoteShell against your commands.

Use Exit command to terminate connection.