System definition

The system should include:

- A desktop application that allows two users communicate through a text-based chat client.
- The user picks a username when the system is entered.
- The system should list out other users that are online, that you can start a conversation with.
- The massages will be encrypted so that unauthorized people can't read them.
- The chat should be logged and the users can easily browse through it.
- The application should have a user-friendly interface.
- Users can also send files to each others.
- Connection between the clients are going through a server that handles input/output data.
- Feilhåndtering?
- TCP/UDP?

User platform:

The application should be compatible with both Linux and Windows. It should be an executable file for both of the operating systems.

System content:

- A chat client with graphical user interface
- A server
- Users
- Computers
- Internet