• ~~A list of participants should be available.~~

• ~~Everyone in the chat room should be alerted when someone enters/leaves the chat room.~~

~~• You must use the designated ChatMessage Interface.~~

~~• You must implement the '/help' command.~~

~~• You must define, describe and implement one extra command.~~

~~• You must use JSON to communicate between the client(s) and the server.~~

~~• You need to use a threaded server.~~

• You should provide a desktop client.

• Crashed clients should be marked "disconnected" and be able to re-join.

• It should be possible to join and leave the chat server.

• A section should discuss which failure model you have chosen and why. Are there faults that you cannot handle? Why?

• You should discuss the difference between UDP and TCP communication. What is better using TCP? What is better using UDP? Why?