REQUIREMENT DOCUMENT FOR CHAT APP DEMO

The chat application is a desktop application that serves the purpose of every other chat application available. This model however will be working with a hosted WLAN network in an environment.

User Interfaces:

* A page for selecting between creating a chat or joining a chat
* Creating a chat requires username and group chat name (this becomes name of hosted network); joining a chat requires just the username.
* A page to manage group chats and connect to whichever available group chat the user wishes to connect with.
* The main chat screen with a text field which can wrap to a text area, a send button, an avatar of users at the top and the previous message (if any) lined up.

The user will register by naming his/her hosted network so others can find them. Then the network management screen opens, where users can turn on their WLAN and connect to whomever network they wish to connect with. After connecting to a particular network and the other party accepts, the chat screen opens and chat begins.

The messages will be routed through the WLAN network between users. To end the chat, the user will simply disconnect from the chat. The messages will be stored in a database location on the hard drive.