ASSIGNMENT CBSE

TASK 1. COMPONENT AS A SERVICE – CHAT SERVER:

We have chosen this following method to use for this assignment:

"CBSE with reuse: developing the Chat server by reusing existing libraries/API/Components"

What Components we have chosen and why :

We have found a single component to make use of for the chat application. The reason we chose this component is that it has all the functionality needed and is also an already using application for android phones available for download for smartphones. It is coded in pure Java and is easy to compliment with new features if needed.

The component we have chosen is the following:

Component 1: *Q-Municate*

Link: https://github.com/QuickBlox/q-municate-android

Functionality: Search functionality by name, Delete functionality, Add functionality, Update (modify) functionality, Group chat functionality, Private (face to face) chat functionality, Register user functionality, Media sharing functionality (Pictures), Invite functionality and Connecting to existing group chats.

Group Members: Tommy Nguyen, Sahib Sahib, Sahand Rajabion

TASK 2. COMPONENT COMPOSITION – ANDROID CHAT APP:

Group Members: Tommy Nguyen, Sahib Sahib, Sahand Rajabion