

Group 4: Communications

Class Diagrams

Revision History

[illegible]

User
+name:String #username:String #password:String +online:boolean
+sendMessage():void +createChat(user):void +createGroupChat(users):void

IT
+name:String #username:String #password:String
+viewLog(log):void

Client

- +requestLogin(user):String
- +requestUserHistory(user):void
- +requestAccountList():void
 - +displayITMode():void
- +requestGroupUpdate(group):void
- +displayMessage(message):void

Server

- +updateLogs():void
- +sendAccountList():void
- +sendUpdate():void

ChatRoom
+totalMembers:int +currentActiveMembers:int +activeMembers:String[] +allMembers:String[] +isGroupChat:boolean
+displayAllMembers(allMembers):void +displayActiveMembers(activeMembers):void +addUser(user):String +removeUser(user):String +logMessages():void +sendNotification():String

Message
+sender:String +receivers:String[] +message:String
+createMessage(message):void