Encryption chatroom Server

Channel_db_manager
Method

createchannel():void
associateUser():void
lookupChannel():void

Channel_db

Channel_db

channel_id	string
channel_members	usernames
Channel_Logs	

Channel_Log
Attributes

encrypted_Timestamp
encrypted_User
encrypted_Message

Server
Attributes

○ IP:string
○ Session_manager:class
○ Channel_db_manager:class
○ User_db_manager:class

Methods

● createChannelDBmanager():void
● createUserDBmanager():void
● createSessionManager():void
● requestUserData():void
● requestChannelData():void
● forwardMessage():void
● createUser():void
● validateUser():void
● createChannel():void
● associateUser():void
● peer2peerRequest():void

Server_Session_manager
Attributes

○ ChannelManagers:List

Method

● listenUI():void
● createP2Prequest):void
● storeMessage():void
● forwardMessage():void

Socket

Account_db_manager
Method

createAccount():void
validateAccount():void
lookupAccount():void

Account_db

Account_db

usernames	string
password	enc_string
associatedChannel	list