**TASKS TO COMPLETE FOR PROJECT**

1. When a user is created 🡪 **DONE**
   1. create a chat node in the chats collection (messages sub collection will be added to each chat node)
   2. create a user with the following attributes
      1. email (uuid)
      2. display name
      3. chat id
   3. connect to socket and display welcome message from Python script
2. When a user logs in 🡪 **DONE except extra**
   1. Retrieve user document and get chat id
   2. Retrieve all messages in the chat node corresponding to chat id
   3. display all messages that have been retrieved
   4. connect to socket and display welcome message from Python script. (include any extra message using entities and semantic analysis (e.g. you were sad the last time we spoke. How are you feeling today?) – extra)
3. When a user sends a message 🡪
   1. display message
   2. send via socket to python script (including current entities)
   3. parse entities from message and check if current enitites plus new entities can be used to send a personalised message. Otherwise send message that eliza script generates.
   4. send message back to client via socket including message and updated entities object
   5. send user message plus entities to db. (message to chats collection – messages sub collection; entites to users collection – user node)
   6. send eliza message to db