**Project**

As the project is progressing, management has asked you to modify the chat application and connect it with a database so that the users can download or store the chat log.

**Design**

**Salon Chat Bot**

1.Chat bot Page:

A small chat bot for a beauty salon has been designed

* A welcome message will be displayed
* Some bot questions need to be answed by clicking buttons
* Some bot questions will be answered by providing answers in the text box
* Once the chatbot confirms salon appointment the chat history will be saved in Database
* After the chat ,user will be able to download the chat history by clicking **download chat history** button

**Description**

1. Server.js

* Added express, http and socket io and mongo modules
* Assigned 3000 port for displaying the chat bot
* Socket io used to manages the conversation between the web browser and the bot.
* Used controller,repository and dbconfig to save the data in mongo db.
* Once the bot ends the conversation,t he chathistory in the chathistory.txt file will be transformed to JSON and pass the data to chatController to save the data in Mongo db.

1. Index.html

* Used to manage the display controls based on the conversation
* Socket.on and socket .emit is used to manage the conversation between the client and the bot.

3.ChatController,ChatRepostory,DBConfig

* Dbconfig🡪config.js is used to connect to chathistory database and table name ChatHistory
* ChatRepository🡪used storeChatHistory function to insert the chat history in ChatHistory table
* ChatController🡪Will pass the JSON converted data to ChatRepository from server.js