Software Engineering II Progress Report 1

Group Name: Five Guys

Group Members:

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Jordan Chilcott

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Features arranged for implementation from previous sprints

Completed:

Build webpage interface

Input field

Styling interface and ability to close

Support for other devices e.g. enabling it to run on mobile devices

Database creation

Chatbot response system

Relevant answers based on context

User feedback after input

Display of chatlog

NLU to match user input with context

Web scraper for Data Collection to populate Database

Incomplete:

Testing for chatbot dependability

Analytics Tracking

Chat history

Generate help function to display available commands

Proper collection of keywords

Features to implement in next sprints

Improvement on design

Better NLU for input with reasonable user error

NLG to give proper response
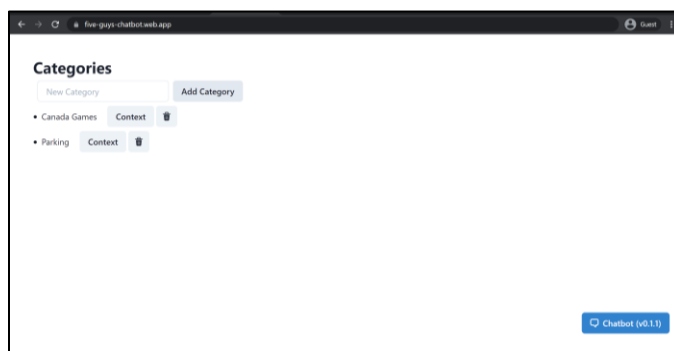
Overall better NLP

Connection with Database

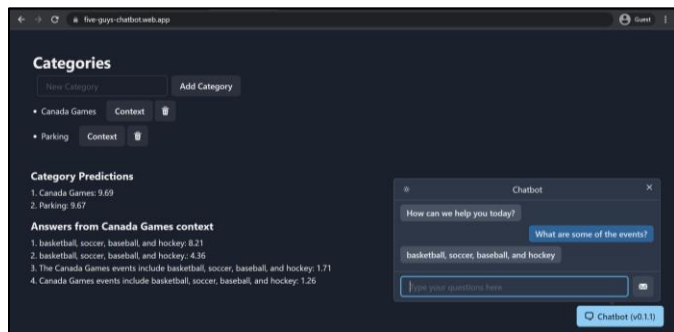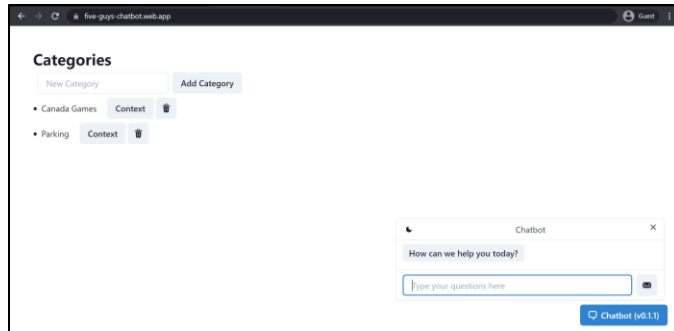Data Collection to obtain answers from Database

Analytics Tracking and Chat history

Handling of unfamiliar input

Description of current progress

Below are some screenshots of the current working chatbot where it provides a greeting, and we have the categories and context it uses to obtain answers to user queries. There is no connection with the database just yet and the categories shown are just for the groups visual representation currently. Categories and their context can also be added or removed in real time while the chatbot is up.

Challenges Encountered

Creating folders in GitHub - Resolved

Making tables in GitHub - Resolved

Communication

Version Control

Contributions and achievements

Al-Muqthadir Ajiboye – Generation of User Stories, Backlogs, Organization of GitHub files

Nosetama Imoisili – Generation of User Stories, Web Scraper, Database

Zach Yerrill – Backlogs, Organization of GitHub files

Michael Woody – User Interface, Design, Basic I/O, Implementation on NLP

Jordan Chilcott – Structure for Pre-Generated Responses

Yanis Souiki - Backlogs

Kam Sadiq - Generation of User Stories

Christian Perdigao – Schedule Organization, Backlogs