ARTIFICIAL INTELLIGENCE CHATBOT

FAIRWAY FINDER

▸ Our teams goal was to develop an artificial intelligence chatbot that can take in user commands and respond with an appropriate response.

▸ Ability for our program to track and save user data so our bot can give the user recommendations based off of their recent searches.

▸ The importance of chatbots is becoming more and more popular because it makes the user experience overall easier and more efficient.

THE FAIRWAY FINDER

‣ Using different API keys that hold data on golf courses around the users zip code gives us the ability to have our BOT give the specific user recommended courses based off their preferences.

‣ Google Developer tools and Diagflow console make it easier for our bot to understand user input.

‣ The Diagflow console is connected to googles search engine, but specified to our project. So when the user enters responses we can get the most related and updated info back to our user.

HOW IT WORKS

▸ Our Chatbot automatically sends a message to our user asking for their name and zip code.

▸ Once the information is received, the chatbot will ask our user how far they want to travel to the course, how much money they want to spend, and what slope course (difficulty) the user wants to play.

▸ After the user enters their preferences, they will receive the course address, phone number, and a picture of the scorecard.

▸ This makes it easier for our user to find golf courses specified to their preferences, without doing the research themselves.

PROBLEMS WE RAN INTO

▸ Google Developer tools requires very specific access rights to use their products and successfully deploy them.

▸ Because this is a collaborative project, all of our developers needed the access from google in order to successfully deploy the app.

▸ We weren't able to get responses from google for all of our developers to have access to their Diagflow tools, therefor we weren't able to deploy the successful site at this time.

▸ There are 3 different access levels for the ability to use Google Developer tools, account owner, admins, and users.

▸ Your access type determines the information you are able to use on our web program.