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Documentation - describes how to use the bot and the elements that make it operational.

The following documentation will describe how to use the discord bot and the elements that make it operational.

Our discord bot is a mixologist that will provide you the ingredients and directions of how to make a select number of cocktails.

How to use the discord bot:
1. To interact with the discord bot, type in the name of a cocktail that you would like to know how to make. If the discord bot has a recipe based on that cocktail, the bot will provide you the information. However, if the bot does not have information on that cocktail, then the bot will respond with "I'm sorry, I don't have information about that cocktail. If you need help with a specific cocktail, please ask about a known cocktail."
2. Different commands and functions to use:
    a. !hi: it will greet the users with proper responds
    b. !description: it will respond with some basic role information and basic commands the user can use.
    c. !help: will give you a list of what command the discord bot understands along with command descriptions.
    d. !knowledge: this will give you how many different cocktails this chatbot knows.
    e. Cocktail name: it will return how many different ways the chatbot knows how to make this cocktail, and then list out ingredients and instructions on how to make the cocktail written one by one. Both lowercase and uppercase letters will work; however, hyphens and apostrophes must be identical to the way the name is written within the csv file or it will not recognize the asked cocktail.

Elements that make it operational:
1. We downloaded a cocktail.csv that contained information on the cocktails' name, ingredient, amount of liquid, ingredient use, type of glass to use, and how to mix the drink.
2. Through Jupyter Notebook, we connected the discord server and read the cocktails.csv to our discord bot, so our bot would have recipes on certain cocktails.
3. Through an f string, we told the discord bot that from now on, he or she will be a mixologist and perform the role of bartender. To be a true impersonator, we had the discord bot respond with the pronoun "I" and gave the bot the cocktails.csv file.
4. A chat history is in place so the bot remembers all the previous chats.

5. We wrote commands and functions that can answer users' questions about a certain cocktail. We also wrote code to handle errors and instances when the chat bot doesn't know a cocktail name well, and make sure the message is understandable to people.
6. We import the fuzzywuzzy package to enable the chat bot to make a guess on the user's input if the name the user provided is not totally matched with what the chatbot knows.