

Instructions:

Note: The triple quotes ````` is used for differentiating between normal text and things you need to write

Knowledge Base:

Both `webscrapper.py` and `dialogflow_start.py` are not necessary to run as the first script runs to get posts from `r/Recipe` while the second creates a knowledge base within our Dialogflow API. However, for the chatbot, we manually cleaned up the recipes slightly for the knowledge base. Also, the resulting knowledge base has its own ID that is utilized in the code of `app.py`, so even if a new knowledge base is constructed it will not run.

If you at least want to see the web scraper obtain the posts, then all that is necessary is to just run `webscrapper.py`. The only output I think you will see is the titles of each post printed in the terminal.

Note: The txt files that currently reside in the `knowledgebase` folder were the edited text files we used to create our Dialogflow knowledge base, if you wanted to view them.

Recipe Chatbot:

Here is credentials for a gmail account that has access to our Dialogflow API Chatbot:

User: `hlt.recipe.chatbot@gmail.com`

Password: `ChatbotHLTrecipe`

Note: When accessing Dialogflow with the dummy account, do NOT change ANY settings other than the fulfillment link for Ngrok.

Create your environment with the python modules in the `requirements.txt`

Install ngrok on your system. This will require you to create a free account to use ngrok.

To start the bot:

Open 2 terminals

Terminal 1 (to run flask):

1. Change directories to /frontend
2. Type ````flask run````

Terminal 2 (to run ngrok):

1. Make sure you are in the Cooking_Chatbot directory
2. Type ````ngrok http 5000````
3. Copy the ngrok link that is given
4. Login to the given google account and go to the Dialogflow Essentials console in your browser
5. In the tab to the left, go to Fulfillment
6. Paste the ngrok link inside the URL portion and add at the end of the the ngrok link ````/webhook```` if it is not already there. The url should look like this:
yourngroklink/webhook
7. Go to the ngrok link inside your browser

You should now be able to run the bot through the Flask UI

If you have any questions, do not hesitate to reach either of us at

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