Lab 6 Part 2 ReadME (Report)
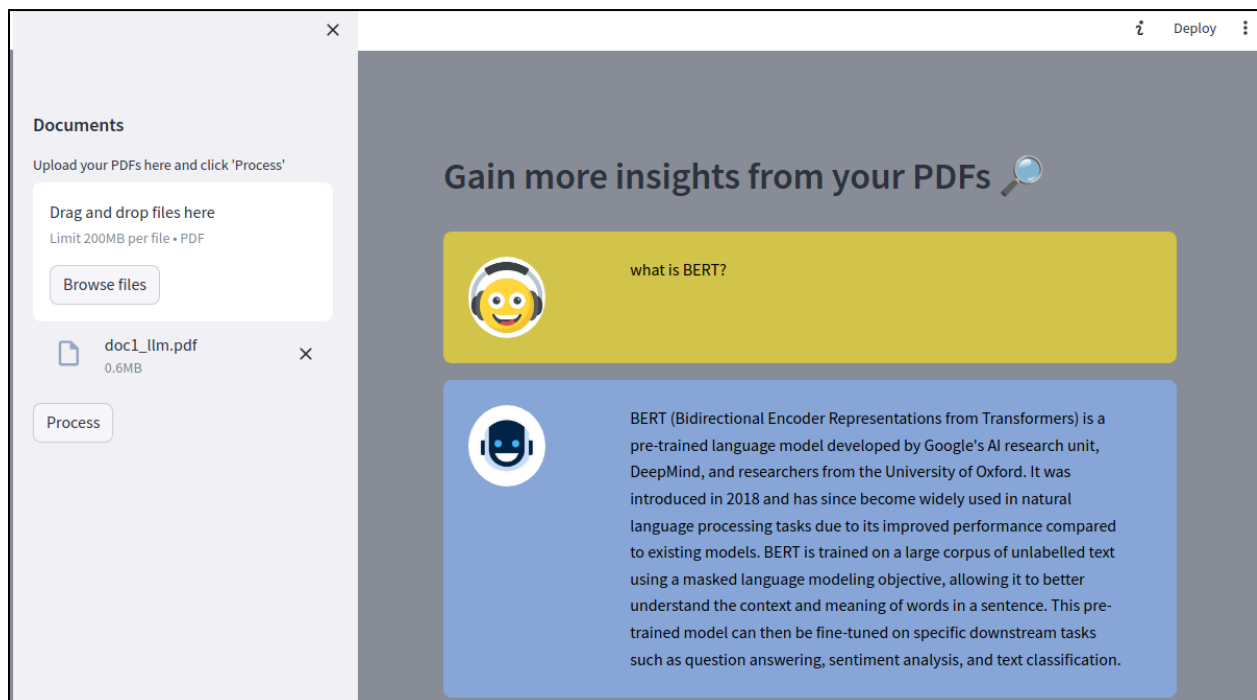UpAllNight: Deborah Ho, Nealson Setiawan, Zixi Wang
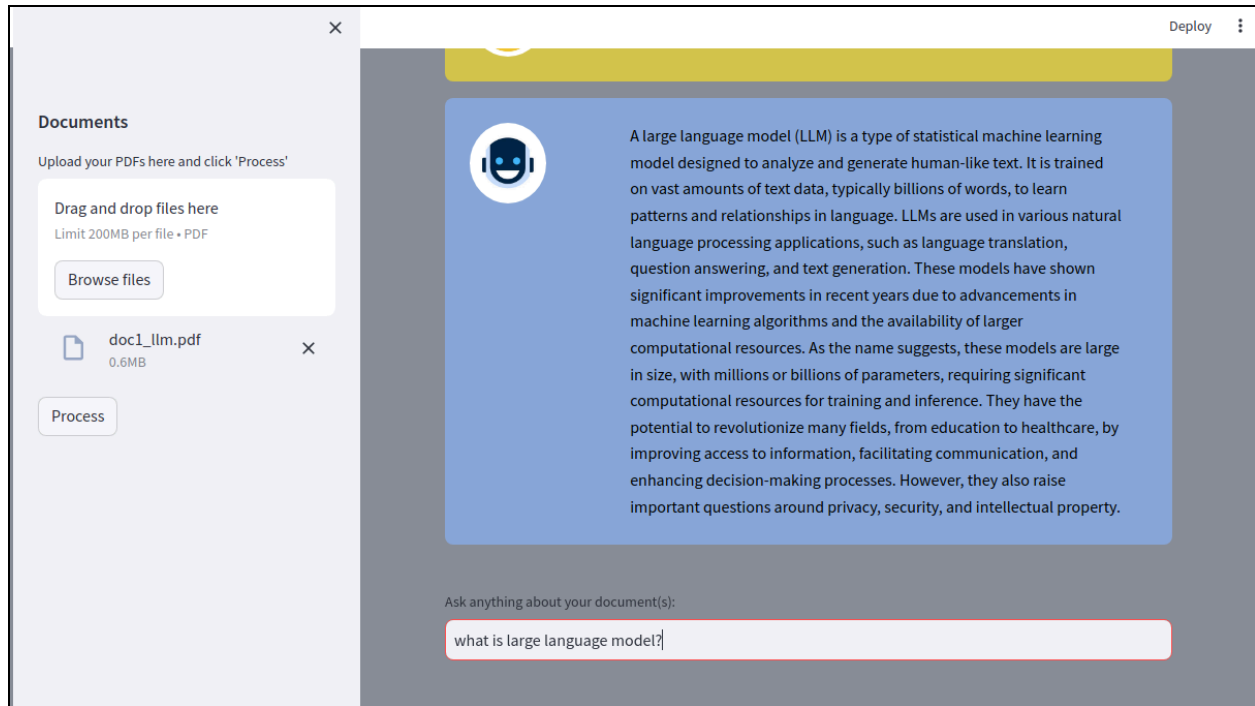
Similar to our part 1 submission, our main scripts are htmlTemplates.py and app.py.

OpenAI has not worked for us since part 1 (despite us trying to pay for credits to use, the server seems to be down and allot credits for us to use). We opted to use HuggingFace and attempted to improve its output performance in this part.

Since streamlit previously worked for us, we decided to stick with streamlit as our GUI. make it appear more like a messaging platform. This includes moving the text input box to the bottom and allowing the user to scroll down to the latest chatbot response. These additional styles are in htmlTemplates.py and sometimes app.py.

A snapshot of the streamlit app using a sample pdf. The text input box will be seen after scrolling:

app.py improvements we made:
1. use HuggingFaceHub as the LLM in get_conversation_chain()
2. changed the parameters of HuggingFace for LLM in get_conversation_chain()
3. changed the output of the chatbot message in handle_userinput()