

COSC 310
Individual Project Report
Group 23

Name:
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Individual Project

For the individual project, I have implemented a Google Translate API and a Twitter API. The Google Translate API will assist in translating French input so that the chat bot can respond with an answer in French. The Twitter API will assist in retrieving the chat bot's most recent Tweet so that the user of the chat bot can view the text of the most recent Tweet by the chat bot.

Newly added API files

- **translate.py** *Translates input and responses from english to french and from french to english*
- **twitter.py** *Receives most recent tweet from chat bot person. To use type in either "View recent tweet" or "See recent tweet".*

How the APIs improve the conversation

Google Translate API:

Allows for conversation improvement with more languages applicable. Justin Trudeau speaks both English and French and is required as Prime Minister to speak and understand both English and French.

Twitter API:

Allows for conversation improvement with discussing current topics. Justin Trudeau chat bot can return what Justin Trudeau has most recently discussed in real life.

GitHub Repository

<https://github.com/michaeltt009/COSC310-IndividualProject>

Video Presentation Link

<https://www.youtube.com/watch?v=a1Ofs06EYcU>