CS411 Team Assignment 1 Proposal

Twitterbot

Translate languages then tweets out for user

Database usage:

API: Google Cloud Translation[[1]](#footnote-1) or another translation API

Public datasets:

Third-party authentication: Login with Twitter

Spotify

Takes user’s song’s data (genre, artists, etc) and generates a playlist of recommended songs. (based on weather?)

Database usage: User data with all the generated playlists.

API: Spotify[[2]](#footnote-2)

Public datasets: Million Song Dataset[[3]](#footnote-3), Weather data if using weather

Third-party authentication: Login with Spotify

1. <https://cloud.google.com/translate> [↑](#footnote-ref-1)
2. <https://developer.spotify.com/documentation/web-api/> [↑](#footnote-ref-2)
3. <https://www.kaggle.com/c/msdchallenge>, <http://millionsongdataset.com/> [↑](#footnote-ref-3)