

## CS411 Team Assignment 1 Proposal

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### **Proposal 1**

A web application where users can input a message and select a language for the message to be translated into. The application would then translate the tweet using either Google Cloud Translation API for real languages or Fun Translate API for fictional languages. Our web application supports 3rd-party authentication with Twitter and stores all tweets, translated and untranslated, in a DB for viewing.

### **Proposal 2**

A web application that will take in the latitude and longitude of an area via input or geolocation and utilize NOAA weather API to fetch the forecast and provide a Spotify playlist suited to the weather via Spotify's API. The web application supports 3rd-party authentication with Facebook and allows users to save the playlist in a DB for viewing later.