**Proposal 1: A Home Pricing Browser based on Climate**

The purpose of the software is to provide the user with an accurate selection of properties for sale or rental based on their preference. The user will input a weather preference in degrees. Through the weather API, we will match this preference with a list of cities. Then, we will return a list of real estate listings in that city or area; these listing will be filtered through imputed price range, representing the user’s budget. Listings could be provided by the Zillow API or Homes API, there are many APIs that provide accurate listings, one could even compare the prices if they are different. For a more detailed experience, the team could use the DataNerds API to provide mortgage, and tax data along with other pieces of information. Potentially, some sort of social media input can be implemented through Instagram API as well.

**Proposal 2: Weather-based Music/Podcast Recommendation**

The purpose of the second software is to recommend users certain music or podcasts based on the current weather. Using weather APIs and Spotify User APIs, we inspect the user’s listening history for each day and its corresponding weather, and with enough correlation we will recommend music or podcast that is similar to the music they listened to during a specific weather condition.