

Idea 1: Spotify

Living in Boston, there are always so many interesting concerts that we can go to by artists that we might be interested in, but don't know. For our first idea, we would develop a web application that can recommend a user concert suggestions based on their existing music preferences. To do this, we will use the Spotify API to access the user's spotify data. We will then obtain from this data the user's favorite artists, genres, and recommended artists. We will then call a second API, like the Ticketmaster API or a similar ticketing application to gather data for nearby concerts. Ultimately, our web application will gather all of the nearby concerts by artists either in the user's spotify artists or recommended artists, and return that list of concerts to the user with cost and venue information.

Backup Idea: Symptoms / Doctors

For this idea, we are planning to use Infermedica or ApiMedic Symptom Checker API, which allows the users to input their symptoms and returns a possible diagnosis or multiple diagnoses. Based on the diagnosis provided, we will use BetterDoctor API to suggest a list of doctors. This API allows us to search for a doctor based on locations and specialties. Therefore, our web application will suggest a doctor specialized in a certain field based on users' diagnoses and nearby users' current locations. What's more, our web application also allows users to input their insurances to filter doctors who accept their insurance policies.