

Updated Idea/Pitch (We've changed it from our original pitches):

We would have a web server that on the homepage would display concerts near the area of the user in general. The area could be derived from location information from the user's device, or a manually inputted zip code. Users can also search for concerts sorted by preselected genres. Then, if the user logged in with their Spotify credentials, the web server would display upcoming concerts (information obtained from Songkick's API) in the area near the user of artists that the user frequently listens to (information obtained from Spotify's API). The web page would also recommend concerts near the area for artists that the web page *thinks* the user would enjoy, based on the genre of songs the user already listens to. The user can save these concerts into a "favorites" list for later reference, and can opt to receive notifications for when tickets start selling for the concert, or for when concerts are announced for the user's favorite artists.

In the future, the web page could potentially allow users to befriend other users and see their concert preferences too.

APIs to be used:

Spotify API: <https://developer.spotify.com/documentation/web-api/>

Songkick API: <https://www.songkick.com/developer>

Very early prototype/figma:

<https://www.figma.com/file/ZHd2gARmOEy9x42SzkR5U7/Untitled?node-id=0%3A1&t=FQXxKkBffakMSxa4-1>

User Story 1: My college classmates from other countries are coming to visit me next week. We formed a rock band together when we were in school, and that's how we became very close friends. I want to take them to some local concerts and related events similar to the music we used to make to reminisce, so it'd be nice to know what's going on music-wise around our area, since Google is too vague and can be unreliable. When I log in, I want to be recommended concerts from artists that produce music similar to what we used to. If no such concert exists, I'd want to be notified of future concerts from similar artists!

User Story 2: I am a Spotify music enjoyer and hope to visit a concert. But my music taste changes every month such that I may listen to different artists. So I would like to attend a concert depending on which artist I've been listening to the most for that month, and maybe attend other close concerts to revisit the artists I used to listen to and check out what they have made since I moved on. I don't exactly remember what I've listened to in the past, so I'm not sure what to search for. When using the website, I want to see concerts from the artist of the month I'm currently listening to, and if unavailable, the closest concerts from the artists I used to listen to most recently based on my Spotify history, so I wouldn't need to look it up!

User Story 3: I like to hear different kinds of music depending on the mood that I'm in. Therefore, depending on how I'm feeling at specific periods, I would go to a classical music concert to calm me or to a reggaeton concert with all my friends to sing and have fun. However, my mood changes often, and I also don't have the money to go to big concerts often. Searching for concerts on Google doesn't give me a price (or price range) without going deeper into the ticket vendor. When using this website, I want to be able to search a list of concerts in my area by price, and I don't want to give up my login information to do this.

User Story 4: Semi-recently, I missed a concert for an artist I really wanted to see because I wasn't aware they were performing in the area (true story - I wasn't aware that DAY6 was performing in NYC in 2019). I want to prevent this in the future so I won't miss out on seeing my favorite artists live (that was the last tour DAY6 performed live before their lead guitarist left). The artist isn't massive, and concerts are announced on social media, which I don't use very often. As such, I will set my preferences on this website such that it will ping me or email

me whenever a concert – no matter the distance – for an artist I like is announced, and when its ticket sales date are announced so I won't forget about it.

User Story 5: My friends and I have different music preferences, but we want to go to a concert together that we'd all enjoy. It's hard for us to agree on a specific artist to look up a concert for, so when we log in to our accounts on this website, we can cross-reference recommended concerts for each of us and see what concerts we would all enjoy together. We also live pretty far from each other, and one of us can't afford expensive concert tickets, so we'd look up a list of concerts with that type of information condensed in one big area.