Formal Proposal for The Concert Connection

**For our Project, our team will be utilizing the Songkick api that is a large live music database that covers over 6 million upcoming and past concerts.**

**Explorer**

1. Search for artists and show all the places in the US that they will be playing this year and next year on a map.
2. Select a venue and see what artists are already booked to have a concert this year and next year on a map.
3. Hover feature to display a text weather or not Artist you are looking for has available tickets or is “Sold Out”.
4. TBD.. There are several areas that we are still deciding on weather to request some additional data for our project. These are all the areas available for requesting data:
   * Upcoming events
   * User’s events and tracking
   * Past events
   * Event details
   * Venue details
   * Similar artists
   * Search

**Using the API Directly**

*(request to Songkick’s* [*gigography*](https://www.songkick.com/developer/past-events-for-artist) *endpoint)*

**API Base URL / Requests Format** [https://api.songkick.com/api/3.0/**artists/{artist\_id}/**gigography.json?apikey=**{your\_api\_key}**](https://api.songkick.com/api/3.0/artists/%7bartist_id%7d/gigography.json?apikey=%7byour_api_key%7d)

*Additional notes from Dev site:*

**Getting started with the Songkick API** [**https://www.songkick.com/developer/getting-started**](https://www.songkick.com/developer/getting-started)

**API response object reference:** [**https://www.songkick.com/developer/response-objects**](https://www.songkick.com/developer/response-objects)

**Requests:**

* Artists
* Venues
* Concert Dates – Data for years 2019-2020
* Long
* Lat
* Tickets: Sold out/Available
* …TBD