**Visualizer+**

Jewish Pickle

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IGME-330

Link: http://people.rit.edu/~ixi7500/330/JewishPickle\_VisualizerPlus

Project Definition

An audio-visualizer that allows users to search soundcloud for music, and find artists’ coming events on the accompanying map.

Features

* Customizable Visualizer
* Map to track artists’ shows
  + Links to show pages
* Soundcloud searching
  + Multiples song choices
* Savable user settings

Design Decisions

The main focus of this project is the ability to see concert locations based on what song you are playing on the visualizer, so the visualizer and the google map are the largest items on the page. We also wanted to draw attention to the Soundcloud song search, so the results are in a gray box to make it stand out a bit.

Technical Decisions

We tried our best to get the Soundcloud SDK working as well as possible with our visualizer, however we ran into the error that some songs would only playback through flash, making it that a lot of songs do not play when accessed through our code.

HTML5 Technology

The HTML5 web application technology used was the utilization of the local storage api to save and load settings for the visualizer.

Extras

Sources

APIs:

Soundcloud - <https://developers.soundcloud.com/docs/api/guide>

Songkick - <http://www.songkick.com/developer/>

Google Maps - <https://developers.google.com/maps/?hl=en>

Jquery Effects gotten from - <http://jqueryui.com/effect/>

Basic Soundcloud code grabbed from - <https://developers.soundcloud.com/docs/api/sdks>

Soundcloud and Songkick logos grabbed from Google Image

Soundcloud search bar help from - http://blog.drewreynolds.me/soundcloud-search/

Team Evaluation

Ilan Isakov – 100:

Implemented the Soundcloud SDK and hooked it up to the visualizer. Added the ability to search for songs on soundcloud. Added JQuery effects and the ability to hide/show the map.

Steven Dill – 100:

Implemented the Songkick API and hooked it up to the Google Maps API, added the ability to choose one of three songs from the Soundcloud search. Added the ability to save and load settings.