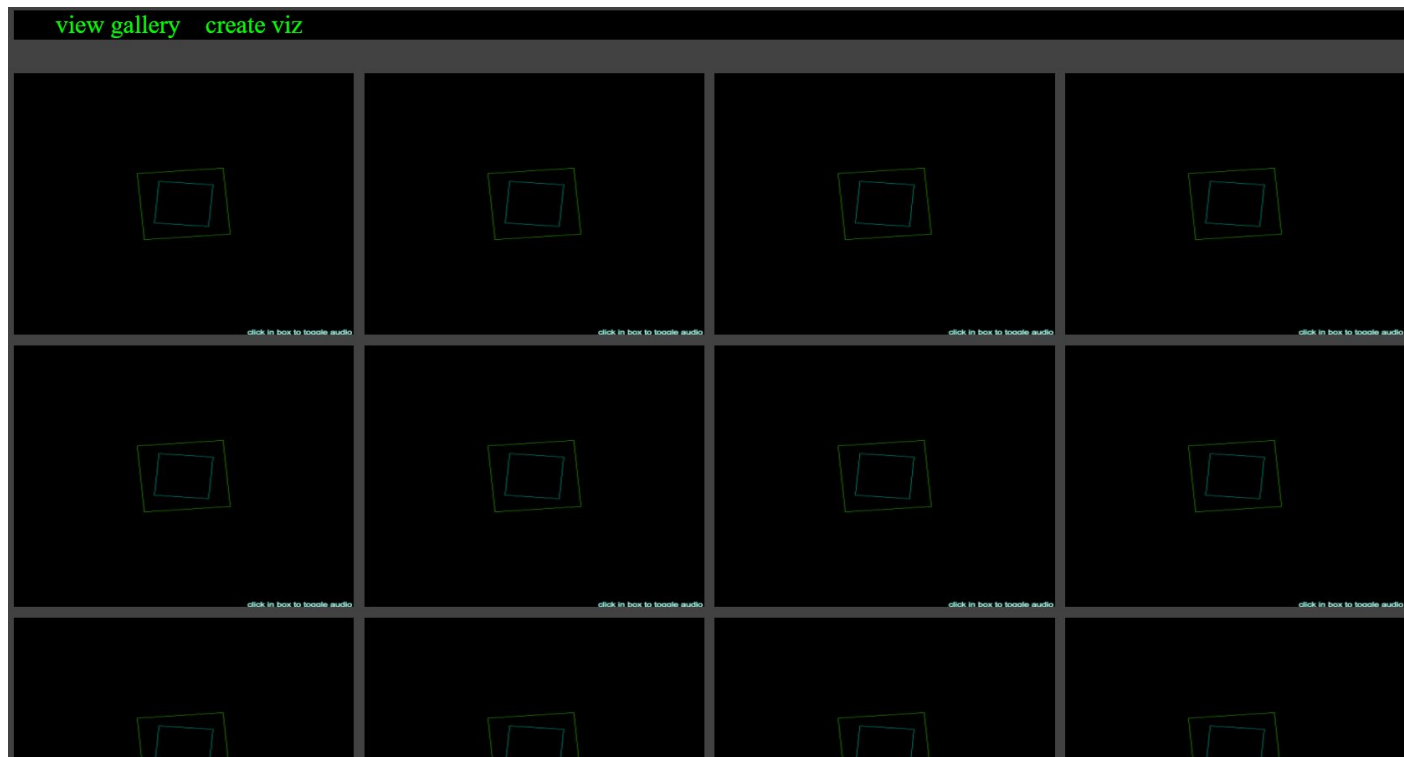


# User-Driven Audio Visualization Database

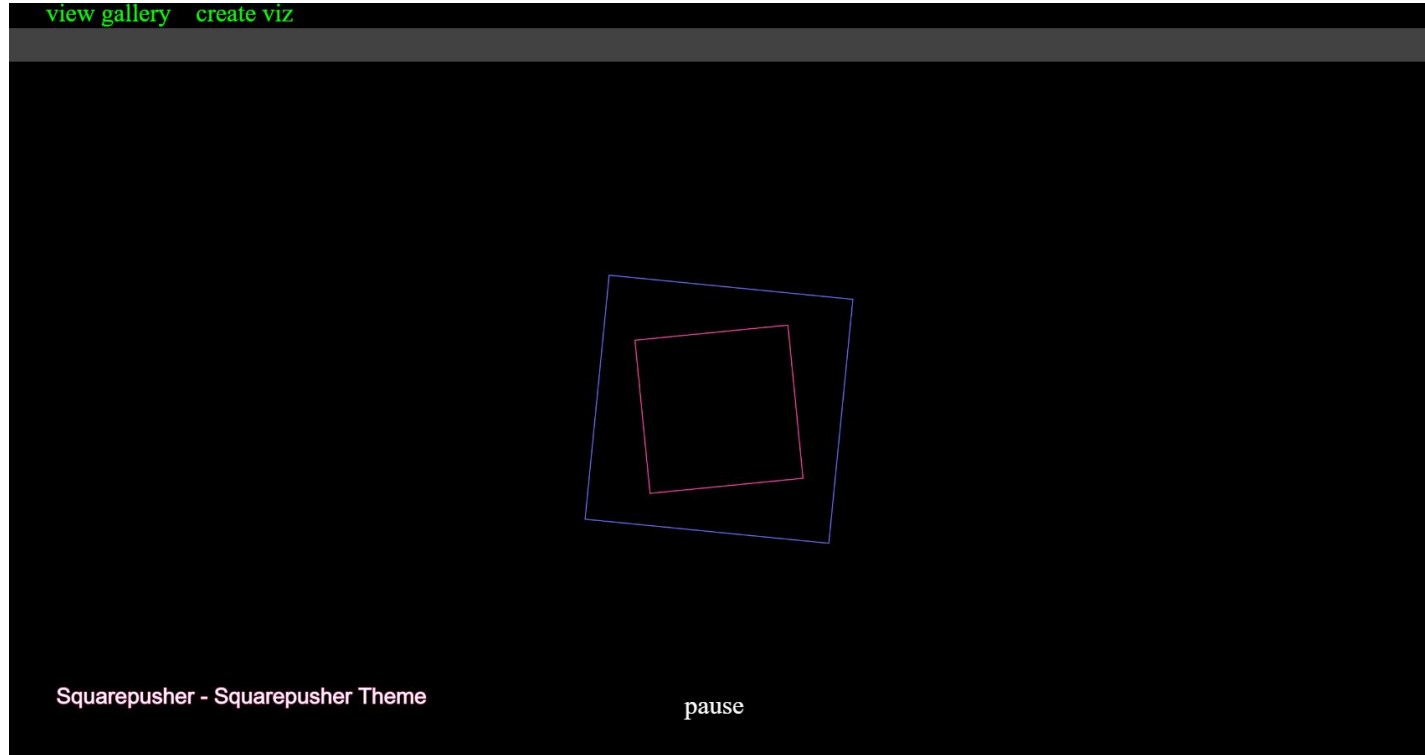
# Motivation

- I like music
- I also think audio visualizations are cool
  - Would be cool to see visualizations of people's favorite songs

# Features - Gallery



# Features - View Viz



# Features - Create Viz

[view gallery](#) [create viz](#)

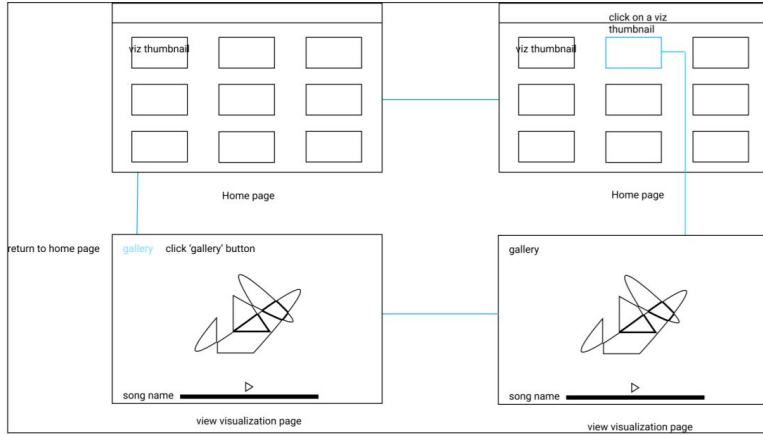
Search for a song

Click on a song to select it for the viz and then submit when you're ready. The viz will show up on the gallery.

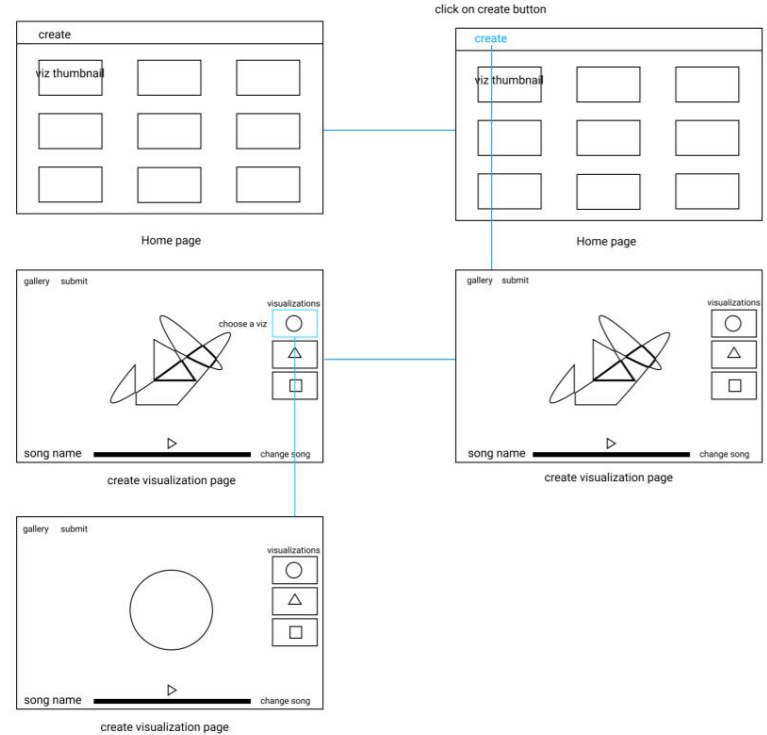
- Lars Danielsson - Drexciya
- Aqeel Adam - Drexciya, 1619
- 051 Destroyer - Drexciya Descendents
- Beat Detectives - Drexciya Is Playing at My House
- Raiz0 - Drexciya
- Drexciya - Welcome to Drexciya
- Drexciya - Andreaen Sand Dunes
- Drexciya - Under Sea Disturbances
- Shanghai Ultra - Purple Jade's Transmission to Drexciya
- Perseus Traxx - Destination Drexciya
- Drexciya - Cascading Celestial Giants
- Drexciya - Lost Vessel
- Drexciya - Species of the Pod
- Drexciya - Bubble Metropolis
- Drexciya - Intro: Temple of Dos De Agua
- Drexciya - Habitat of Negative
- Drexciya - Digital Tsunami
- Drexciya - Wavejumper**
- Drexciya - Hydro Theory
- Drexciya - Running Out of Space

# Critical Point 1: Flows

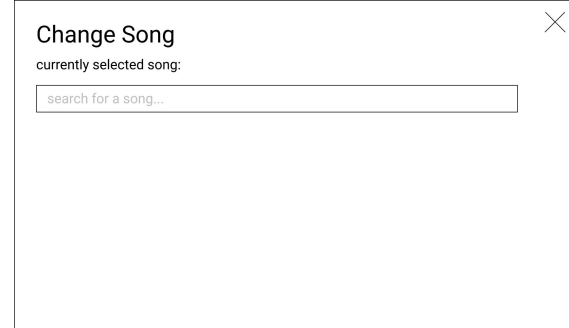
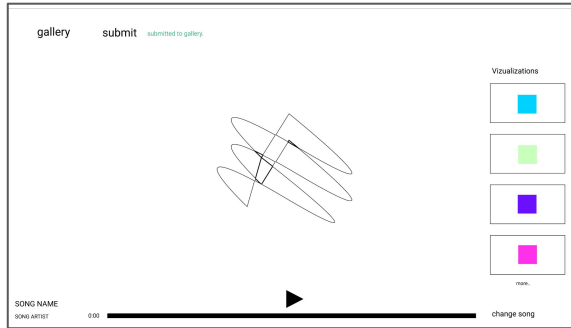
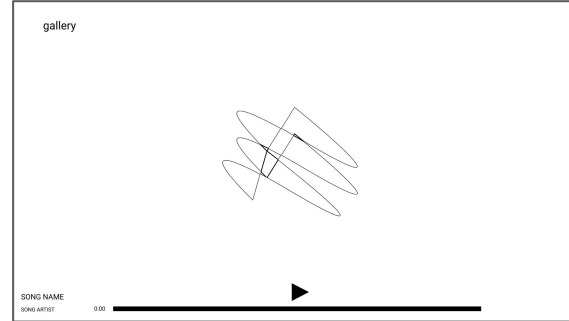
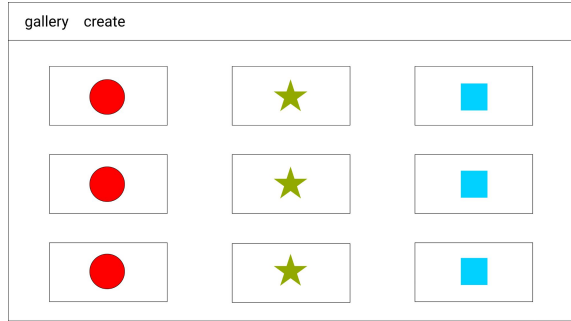
## Viewing a visualization



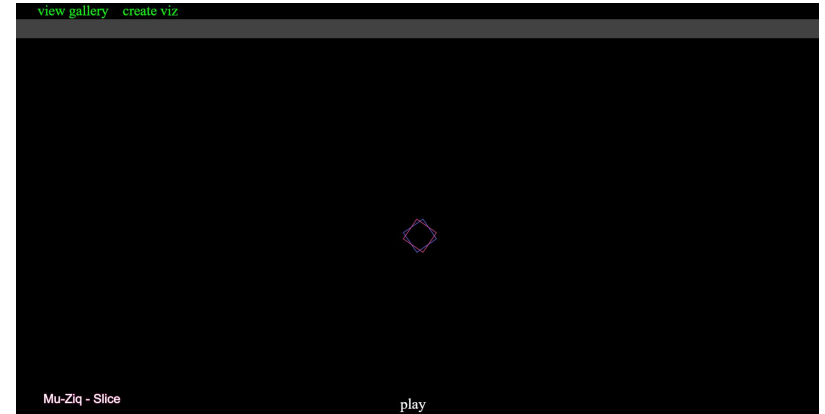
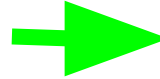
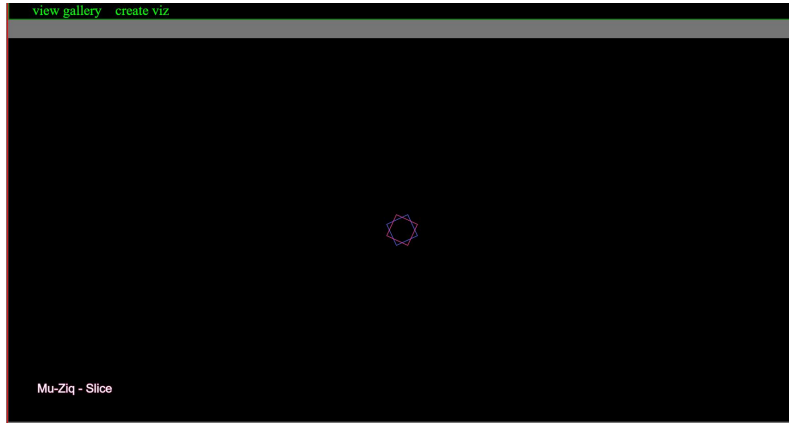
## Creating a visualization



# Critical Point 2: Interactive Design Comp



# Critical Point 3: Usability Testing





# Critical Point 3: Usability Testing

view gallery create viz

Search for a song

CURRENTLY SELECTED SONG: Aphex Twin - Minipops 67 [120.2][Source Field Mix]

aphex twin  search

Click on a song to select it for the viz and then submit when you're ready. The viz will show up on the gallery.

Beck - Richard's Hairpiece (Aphex Twin Remix)

Kaiser Quartett - Aphex Twin: Avril 14th

Aphex Twin - Minipops 67 [120.2][Source Field Mix]

Aphex Twin - Minipops 67 [120.2][Source Field Mix]

Aphex Twin - Aisatsana [102]

Aphex Twin - Windowlicker [Chosen by fans on Warp20.net]

Aphex Twin - Xtal

Aphex Twin - Xtal

Aphex Twin - 180db\_ [130]

Aphex Twin - XMAS\_EVET10 [120][thanaton3 mix]

Aphex Twin - Tha

Aphex Twin - Xtal

Aphex Twin - 4 Bit 9d Api+E+6 [126.26]

Aphex Twin - Ageispolis

Aphex Twin - S950tx16wasr10 [163.97][Earth Portal Mix]

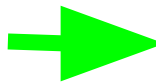
Aphex Twin - Syro U473t8+E [141.98][Piezoluminescence Mix]

Aphex Twin - Pulsewidth

Aphex Twin - I

Aphex Twin - Produk 29 [101]

Aphex Twin - Heliosphan



view gallery create viz

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aphex twin

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Aphex Twin - Pulsewidth

Aphex Twin - I

Aphex Twin - Produk 29 [101]

Aphex Twin - Heliosphan

# What I Learned

- SPA w/ vanilla JS
- p5.js, p5 sound
- CORS Proxy Servers
  - setting up own CORS proxy server w/ Heroku

# Challenges and Accomplishments

- Getting music API to work