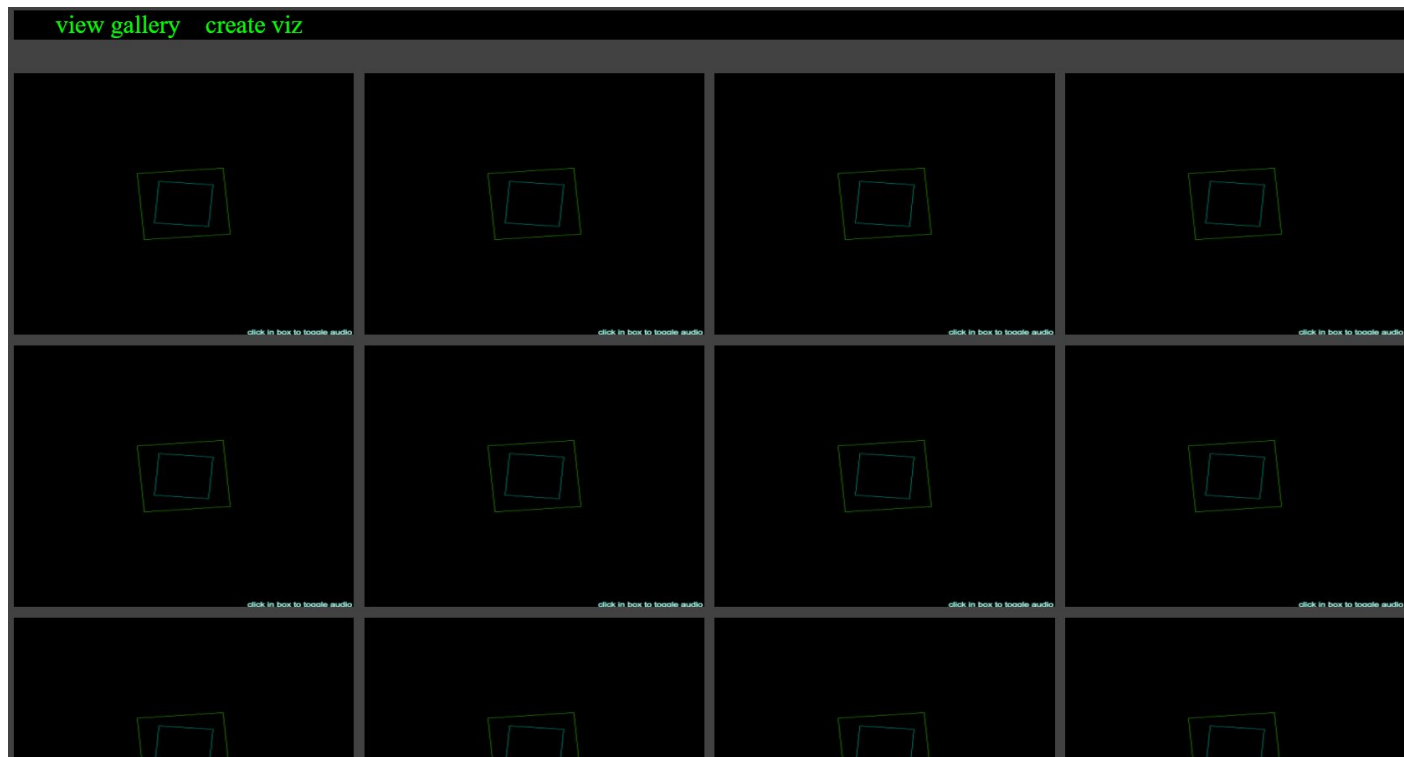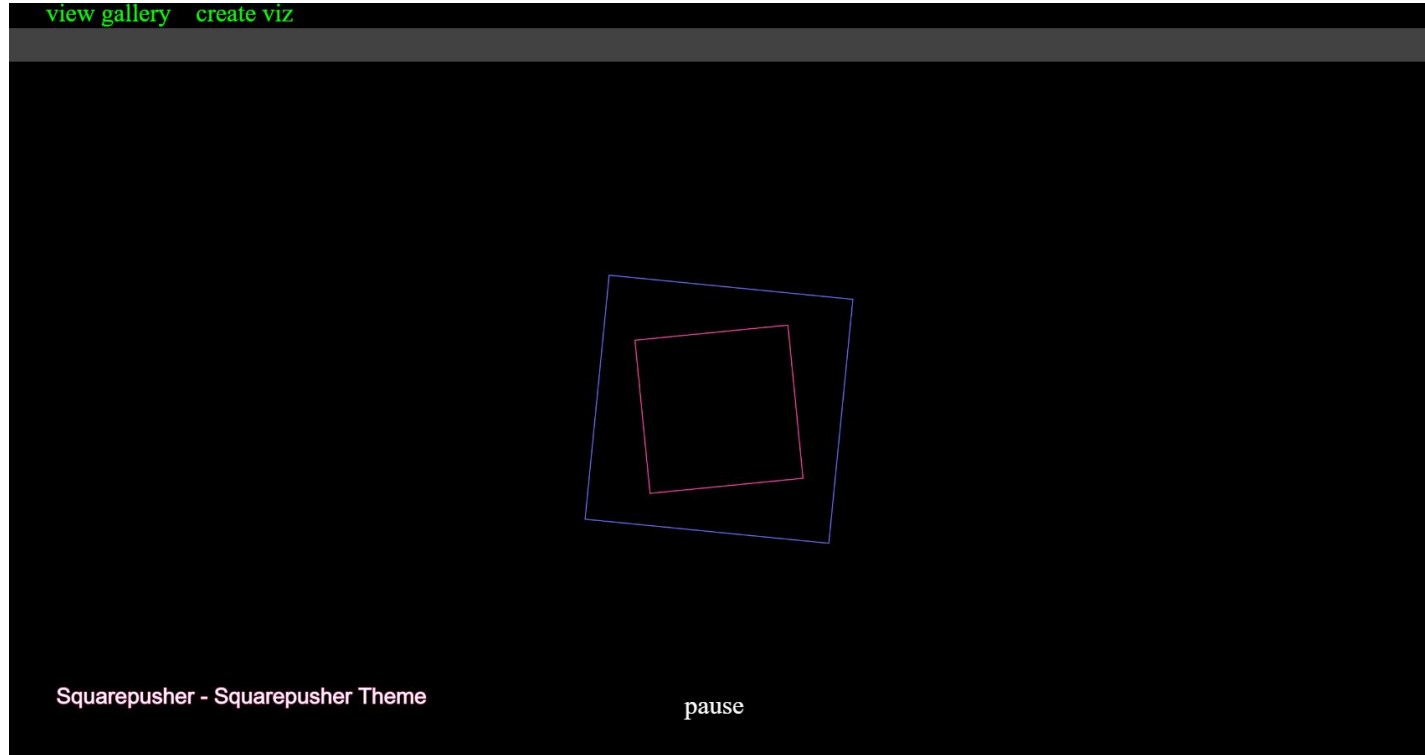# User-Driven Audio Visualization Database

Motivation

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

Features - Gallery
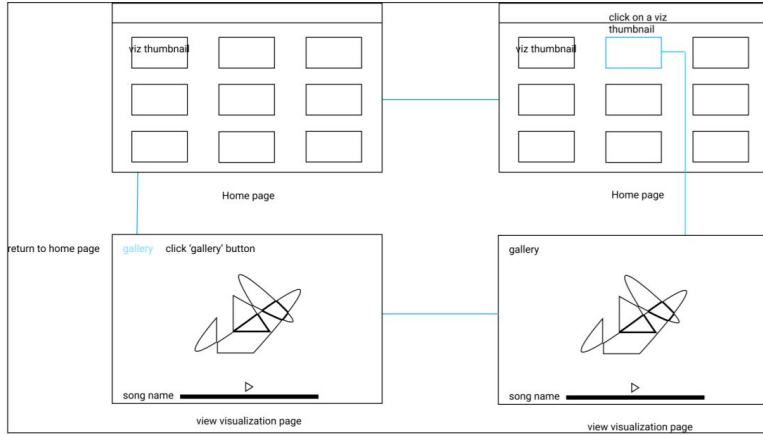
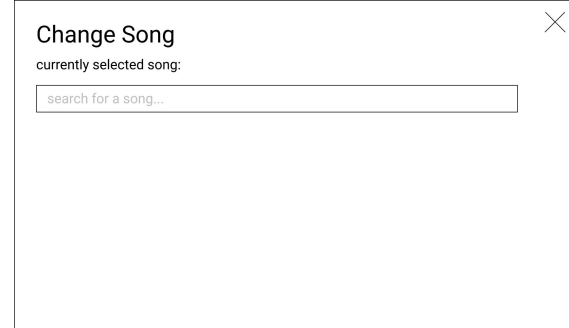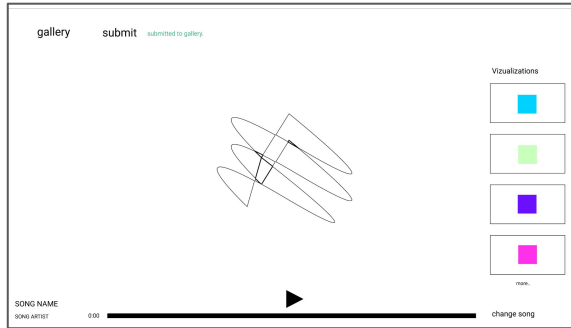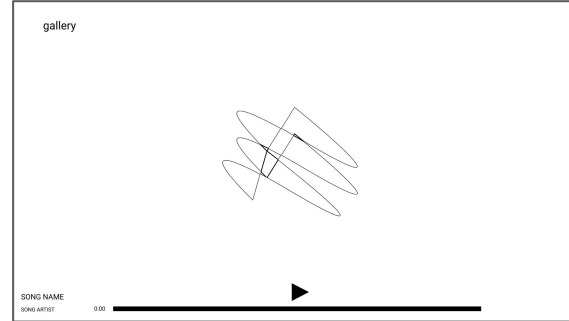# Features - View Viz

Features - Create Viz

Critical Point 1: Flows

Viewing a visualization

click on a viz thumbnail

viz thumbnail

Home page

viz thumbnail

Home page

return to home page

gallery   click 'gallery' button

song name ▷

view visualization page

gallery

song name ▷

view visualization page

Creating a visualization

click on create button

create

viz thumbnail

Home page

create

viz thumbnail

Home page

gallery   submit

choose a viz

visualizations
○
△
□

song name ▷   change song

create visualization page

gallery   submit

visualizations
○
△
□

song name ▷   change song

create visualization page

gallery   submit
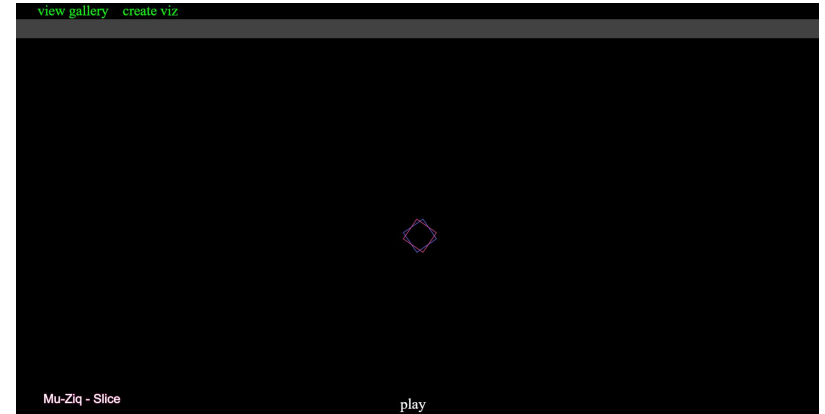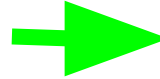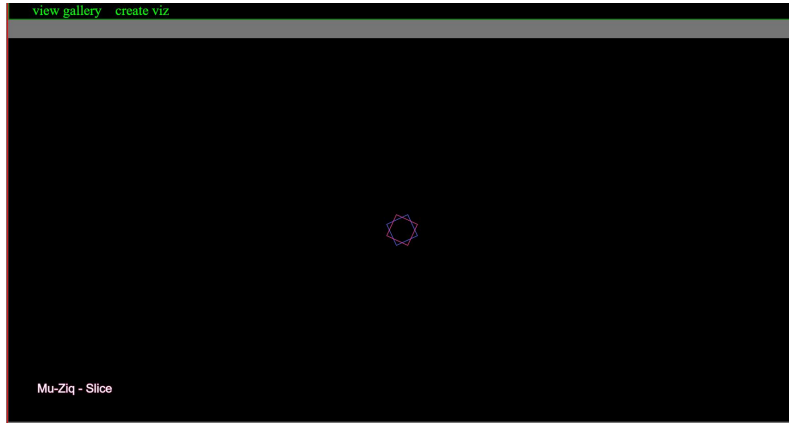
visualizations
○
△
□

song name ▷   change song

create visualization page

Critical Point 2: Interactive Design Comp
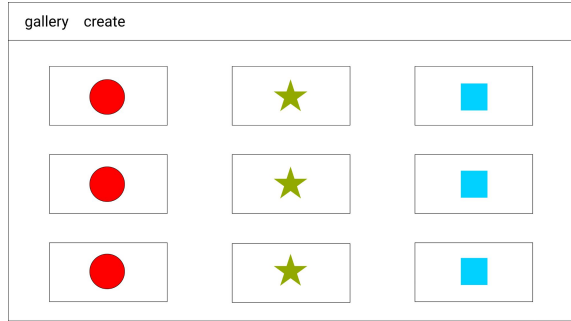
Critical Point 3: Usability Testing

Critical Point 3: Usability Testing

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