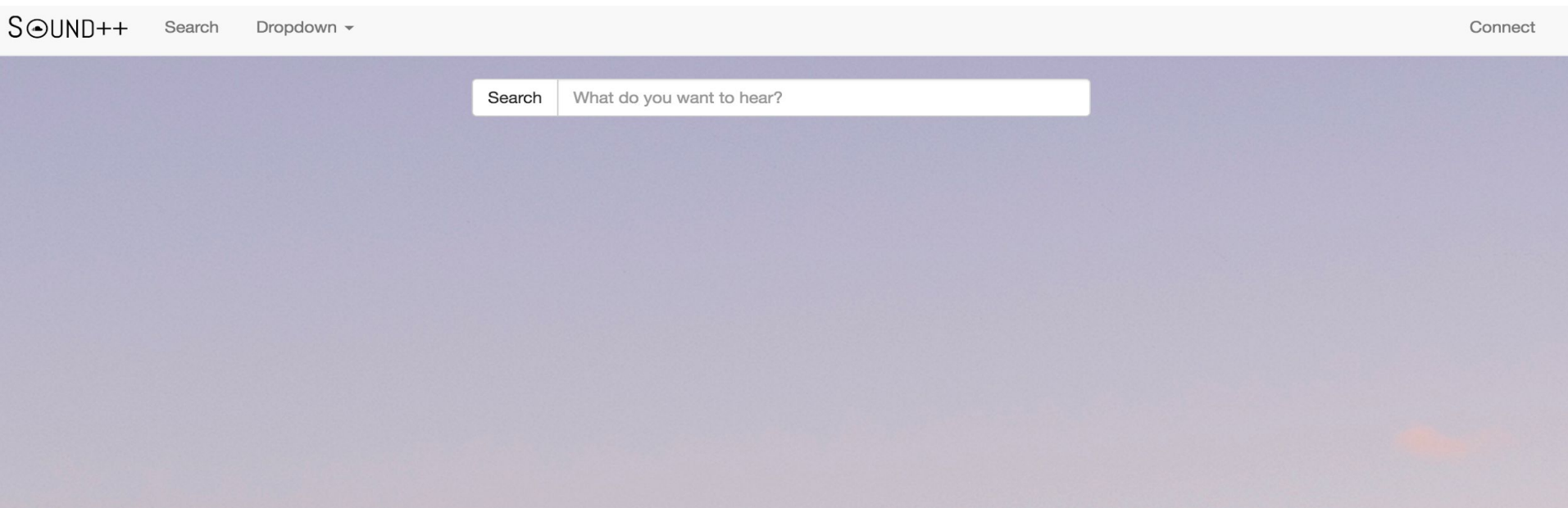# SOUND++

Chris Struckman
John Welch
Zach Brimlow
Tori Velasquez

Sound++ is an website that gives new functionality to an already vastly used website.. Soundcloud. Now with a FREE account with Soundcloud, you are able to search, play, and add tracks to a queue for your instant playlist pleasure. Also, you are able to integrate your own music with our local music player! All of this is meant to serve our mission statement.

Music Made Better

SOUND++   Search   Dropdown ▾   Connect

Search   What do you want to hear?

Agile

Rating: 3/5

Pros: Created a good environment to work and complete the plan. Also allowed for us to go back and make changes to our project when time came.

Cons: Meetings were sometimes of track and didn't share as much info as just talking about the project amongst ourselves

Auto-Documenter: JSDoc

Rating : 5/5

Pros: Very easy to work with. Step by step process to get your final HTML page.
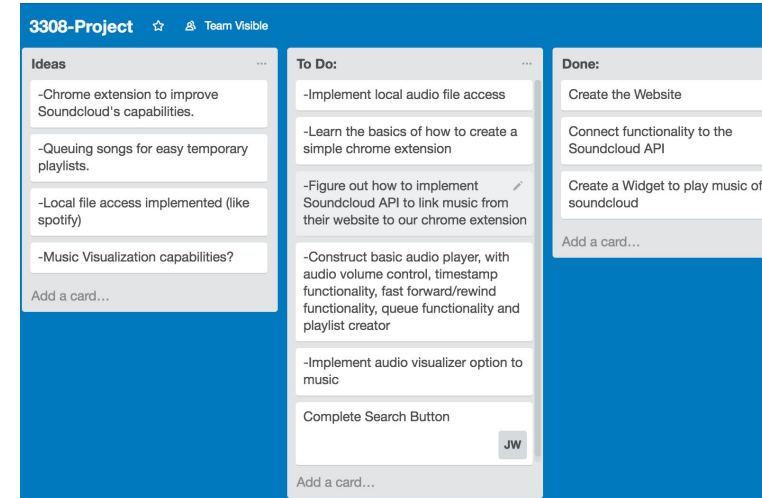
Project Tracking:

Rating: 3.5/5

Pros: posting what need to get done and setting them with a person to complete.

Cons: Not very good in the communication aspect of a project developing.

3308-Project ☆ 👥 Team Visible

Ideas

- Chrome extension to improve Soundcloud's capabilities.
- Queuing songs for easy temporary playlists.
- Local file access implemented (like spotify)
- Music Visualization capabilities?

Add a card…

To Do:

- Implement local audio file access
- Learn the basics of how to create a simple chrome extension
- Figure out how to implement Soundcloud API to link music from their website to our chrome extension
- Construct basic audio player, with audio volume control, timestamp functionality, fast forward/rewind functionality, queue functionality and playlist creator
- Implement audio visualizer option to music
- Complete Search Button JW

Add a card…

Done:

Create the Website

Connect functionality to the Soundcloud API

Create a Widget to play music of soundcloud

Add a card…

JavaScript/Jquery

Rating: 5/5

Pros: Backbone of our project. Very easy to use while being very effective. Made User Interaction very easy

JavaScript

HTML/CSS

Rating: 5/5

Pros: Very Easy to use. Shows real time changes and made production very feasible.

Cons: Sometimes hard to debug.

GitHub

Rating 4.5/5

Pros: Very nice for pair programming projects and making changes while keeping other changes the same.

Cons: Merge-Conflicts sometimes were very frustrating. Also, sometimes it was unclear as to why we couldn't push our results.

jinjirow / **3308-Project**

⊙ Unwatch ▾ 4   ★ Star 0   ஃ Fork 0

<> Code   ⓘ Issues 0   ⅃〕Pull requests 0   ▤ Wiki   ⌁ Pulse   ⅰⅰⅰ Graphs

No description or website provided.

⑂ 113 commits   ⅌ 1 branch   ◌ 0 releases   ⑁ 4 contributors

Branch: master ▾   New pull request   New file   Upload files   Find file   HTTPS ▾   https://github.com/jinj   📋   ⬇   Download ZIP

Ħ Chris-Struckman17 Delete DS_Store   Latest commit fd4cbc6 an hour ago

📁 Test Directory	Delete DS_Store	an hour ago
📁 website	added navbar to local music page	2 hours ago
📄 Chainsmokers1.aep	adding tabs for local music player	a day ago
📄 README.md	Update README.md	2 hours ago
📄 Screen Shot 2016-04-07 at 3.36.57 PM.png	Added files via upload	20 days ago
📄 Screen.Shot.2016-02-18.at.3.45.16.PM.png	Added project plan	2 months ago
📄 TESTING.md	Update TESTING.md	20 days ago

Soundcloud API

Rating: 5/5

Pros: Made very easy to integrate many functions that were crucial to our sites success. Step by step process for connections and help wherever needed.

Cons: Sometimes limited our project with their restrictions (Tracks, Playlists). Assessing some aspects of an account is very tricky and not feasible for time period.

Testing:

mocha — simple, flexible, fun

Rating : 3/5

Pros: Give you a set results depending on your tests.

Cons: Very confusing as to how they run their testing framework and how to implement


```
>>mocha

  auth
    #alert
      ✓ should alert person when connected


 1 passing (8ms)

>>
```

Challenges/Solutions:

Challenge: Extension vs. Website
Solution: Due to the restriction that come with chrome's extensions, we chose to pursue a website to make our project more feasible.

Challenge: Experience Level
Solution: Constant research and practice broaded our ability to code and made the project much easier to complete

Challenge: Communication
Solution: Getting on the same page with meeting and messaging made completing this project much easier.

DEMO