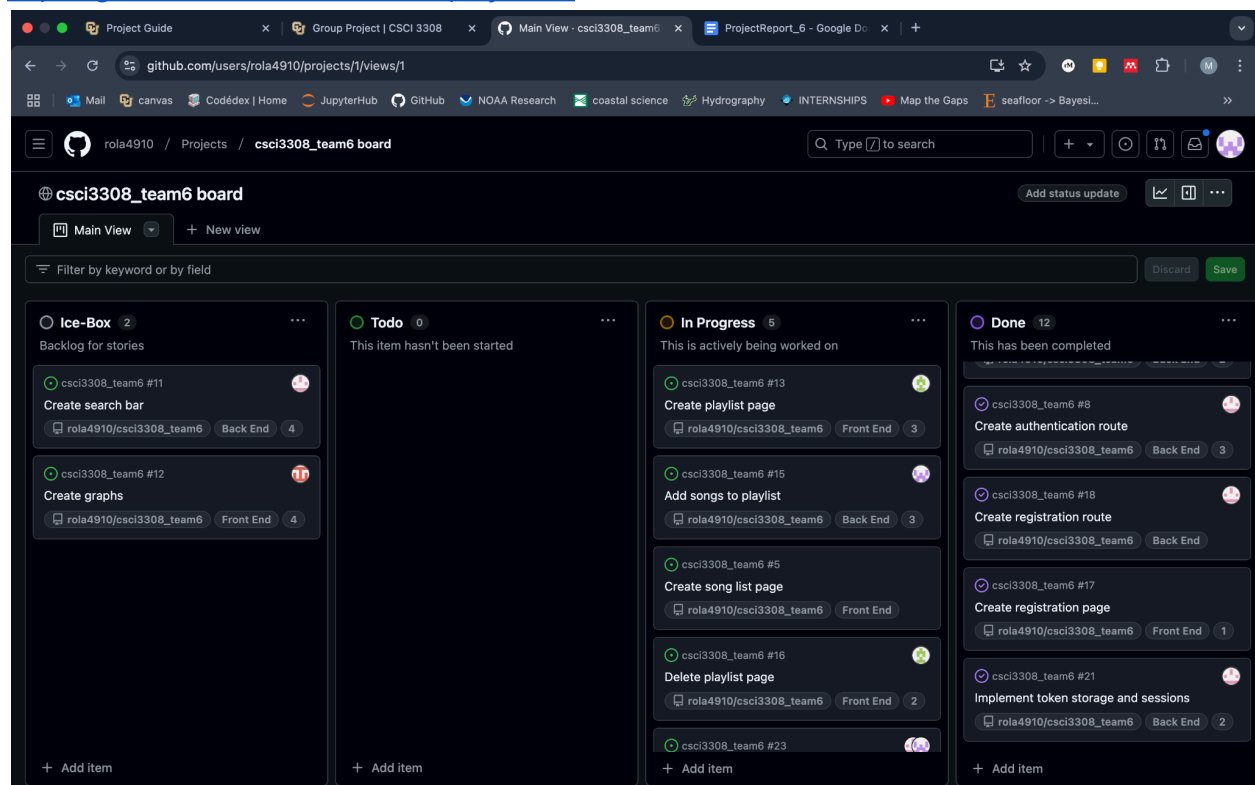


- 1) Title: Fix Your Mix
- 2) Who: Robert Lashway, Parker Secrest, Mary Ella Rinzler, Andy Nguyen, Evan Pradhan
- 3) Project Description:
  - a) Fix Your Mix is a web application for Spotify users looking to enhance their Spotify experience with greater functionality for playlists. Fix Your Mix includes features such as creating, editing, sorting, deleting, and previewing playlists. This application reads the user's owned and followed playlists and their contents, allowing the user to interact with their playlists and export the modified playlist back into Spotify. Additionally, the app has a web player that allows users to select songs from their playlists to play in their web, rather than searching the Spotify app to listen to the song. When sorting through playlists, users are able to sort by categories such as release date, date added to playlist, or alphabetically by artists or songs. With our enhanced editing, users can mass delete or add songs using filters including artist, date released, date added, and song genre. Future plans for the app include a concert listing page that will show what artists in a playlist have upcoming concerts near the user and a visualizer that will respond to the frequency, intensity, and rhythm of the music, aiming to enhance user experience further. Additionally, social sharing features and collaborative tools are being considered for future updates.
- 4) Project Tracker - GitHub project board:
  - a) <https://github.com/users/rola4910/projects/1>



- 5) VCS: Link to your git Repository. Instructor/TAs will check, weekly, to ensure the following are stored in your VCS repository:
- a) Source Code:  
[https://github.com/rola4910/csci3308\\_team6/tree/main/ProjectSourceCode/src](https://github.com/rola4910/csci3308_team6/tree/main/ProjectSourceCode/src)
  - b) Test Cases:  
[https://github.com/rola4910/csci3308\\_team6/tree/main/ProjectSourceCode/test](https://github.com/rola4910/csci3308_team6/tree/main/ProjectSourceCode/test)
  - c) Video demo:  
[https://drive.google.com/file/d/16nieMf-0zDkGKABd4YzxI77JLUKCvTeV/view?usp=drive\\_link](https://drive.google.com/file/d/16nieMf-0zDkGKABd4YzxI77JLUKCvTeV/view?usp=drive_link)
  - d) README:  
[https://github.com/rola4910/csci3308\\_team6/blob/main/README.md](https://github.com/rola4910/csci3308_team6/blob/main/README.md)
  - e) Release Notes:  
[https://github.com/rola4910/csci3308\\_team6/releases/tag/Final\\_Submission](https://github.com/rola4910/csci3308_team6/releases/tag/Final_Submission)
  - f) Project Board:  
<https://github.com/users/rola4910/projects/1>

6) Contributions:

**Bobby:** commit link as too many to picture:

[https://github.com/rola4910/csci3308\\_team6/commits?author=rola4910](https://github.com/rola4910/csci3308_team6/commits?author=rola4910). My focus during this project was sending API requests to Spotify to grab the users playlists and the songs within each. After this, I wrote SQL queries to add the responses from the API calls to our database. Using this data, I was able to write functions to delete playlists from the database and the user's Spotify account. To use all the mentioned functions I had to write another API call to get the user id which was key for all subsequent API calls. Additionally I implemented the sorting functionality on the edit playlist page

**Mary Ella:** commit link as too many to picture:

[https://github.com/rola4910/csci3308\\_team6/commits?author=maryellar](https://github.com/rola4910/csci3308_team6/commits?author=maryellar).

My primary focus for this project was coding the front end for our site. I coded the functionality for the make playlist, page editor, and delete playlist page as it pertained to handling user input and the UI. I also was primarily responsible for any css styling work for all pages. I also assisted Bobby with the sorting functionality of the playlist editor.

**Parker:** commit link as too many to picture:

[https://github.com/rola4910/csci3308\\_team6/commits?author=pjsecrest](https://github.com/rola4910/csci3308_team6/commits?author=pjsecrest).

During the project I primarily focused on backend functionality. The main features that I worked on was a web player meant to serve as a tool to preview songs, playlist creation and export functionality, and authentication including Spotify authorization and token refresh. I also assisted on some minor styling.

**Andy:** Initially, I wanted to work on the music visualizer for the project. I attempted to create a grid matrix to visualize the music, but I soon realized that it was beyond my scope. The complexity and difficulty made me unsure if it would be finished by the deadline. Since this was

not a necessary feature of the project, I decided to work on some front-end parts of the project, although they were ultimately not used as the existing ones were sufficient.

Commits on Dec 3, 2024	
Update meeting5_log.txt AndyNguyenCUBoulder authored last week	Verified 24a188b
Update meeting4_log.txt AndyNguyenCUBoulder authored last week	Verified aa58d60
Create meeting5_log.txt AndyNguyenCUBoulder authored last week	Verified 78879e9
Commits on Nov 22, 2024	
Update meeting4_log.txt AndyNguyenCUBoulder authored 2 weeks ago	Verified fd427b
Update and rename meeting4_log to meeting4_log.txt AndyNguyenCUBoulder authored 2 weeks ago	Verified 0d0d075
Create meeting4_log AndyNguyenCUBoulder authored 2 weeks ago	Verified 3c38393
Commits on Nov 19, 2024	
Update meeting3_log.txt AndyNguyenCUBoulder authored 3 weeks ago	Verified 042b0c3
Update meeting3_log.txt AndyNguyenCUBoulder authored 3 weeks ago	Verified 96984cf
Commits on Nov 15, 2024	
meow? AndyNguyenCUBoulder authored 3 weeks ago	Verified d5b192e
Update meeting3_log.txt AndyNguyenCUBoulder authored 3 weeks ago	Verified 1ba53b3
Update meeting3_log.txt AndyNguyenCUBoulder authored 3 weeks ago	Verified 2db3600
Commits on Nov 8, 2024	
Create UAT plans AndyNguyenCUBoulder authored on Nov 8	Verified bd2822d
Commits on Nov 6, 2024	
Update MeetingTwo AndyNguyenCUBoulder authored on Nov 6	Verified 2ddc217
Update MeetingTwo AndyNguyenCUBoulder authored on Nov 6	Verified 3fdb0dd
MeetingTwo AndyNguyenCUBoulder authored on Nov 6	Verified 988dad6
Rename randomNotes.txt to MeetingOne.txt AndyNguyenCUBoulder authored on Nov 6	Verified 80ed311
Commits on Oct 25, 2024	
Add files via upload AndyNguyenCUBoulder authored on Oct 25	Verified 4fef6f7

**Evan:** I worked on the navigation drop down for our pages and added routes to the pages that had not been completed yet. I designed the UAT plan for our group to follow during the testing process and I assisted in crafting our project description to align with our intended goals. I also found our logo that we ended up using and matching the website's theme with.

Commits on Nov 14, 2024

Added UAT Plan

EvanPradhan15

 committed 3 weeks ago

ebefd40

<>

Commits on Nov 11, 2024

Updated navbar color, changed to true dropdown, and added links

EvanPradhan15

 committed last month

951c762

<>

Commits on Oct 31, 2024

Revising App Description

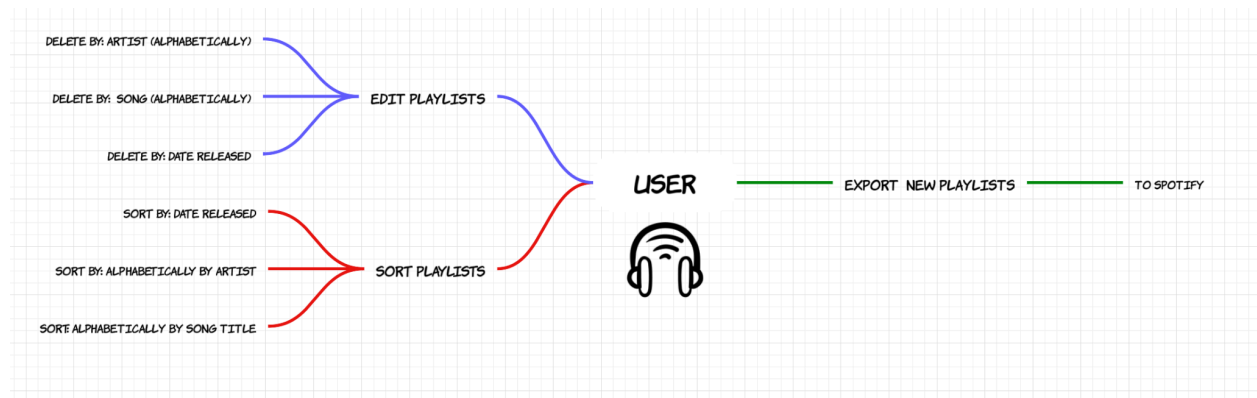
EvanPradhan15

 committed on Oct 31

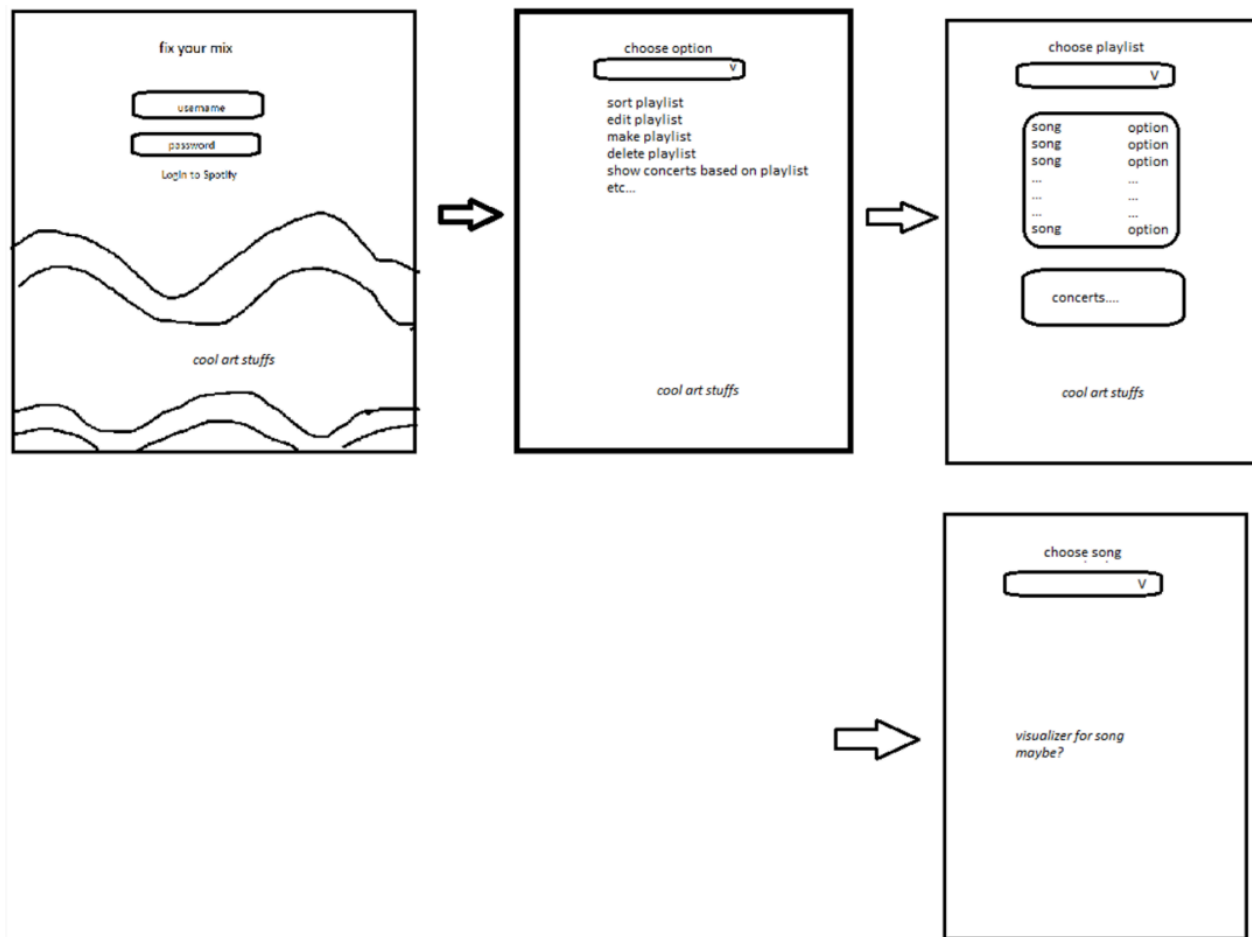
3b98e55

<>

## 7) Use Case Diagram:



## 8) Wireframes



## 9) Test results:

For our final version of the web application, the test plan does not pass all tests. This is probably because after the UAT plan was developed, we changed a majority of the code base. This would definitely have major impacts on the success of the written tests.

## 10) Deployment: <https://csci3308-team6.onrender.com/login>