



OX

**bringing people together
through shared music,
seamlessly**

Overview

1. Addressing the need
2. Evaluation and Redesign
3. Prototype Status
4. Demonstration



1. Addressing the need





Our problem

People feel uncomfortable sharing their music with others. It is hard to talk about one's own music taste and to feel confident select music for a group of people in a room.

“When someone hands me the aux, I automatically say no...”

Aviva Fallas, '20



“In a room of strangers, I usually defer to someone who knows the room.”

Cam Burton, '21



“I’m only comfortable sharing my music with a few close friends.”

Clarissa Carter, '19

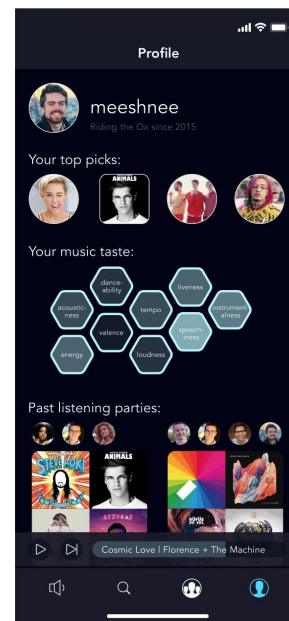
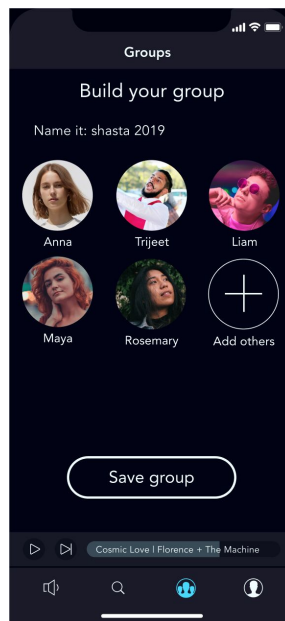
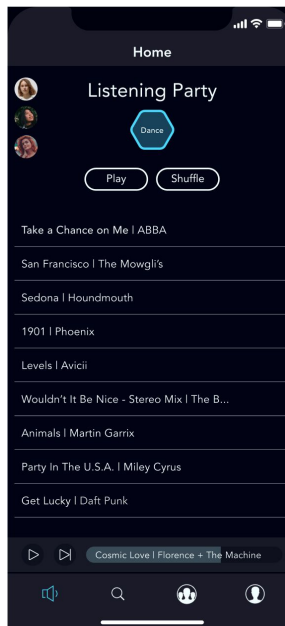




Our solution

OX changes the game by automating the music selection and music taste processes. With the information of other listeners and a desired ~vibe~ OX will generate playlists that please! Additionally, OX equips users with new language to facilitate conversations about music and discovery of new music in a collaborative setting.

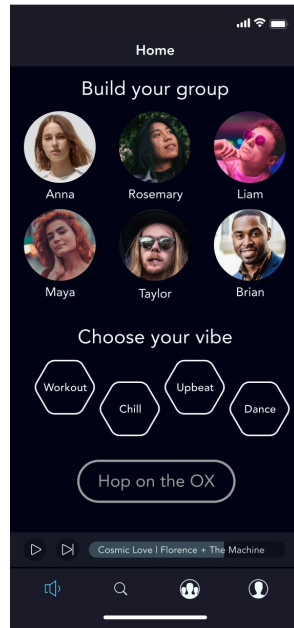
OX: three tasks



2. Evaluation & Redesign



Group creation limitations



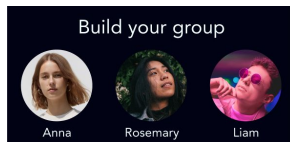
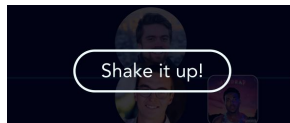
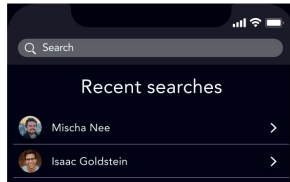
There is currently no intuitive way to search for a specific user or vibe when creating a group. Additionally, once a user is selected, there seems to be no way to remove them....



Group creation *freedom*

- ▶ 6+ users bleed off screen to reveal scrolling option
- ▶ 4+ vibes bleed off screen to reveal scrolling option
- ▶ Selection/deselection of users at the ease of a single tap

First-time use questions



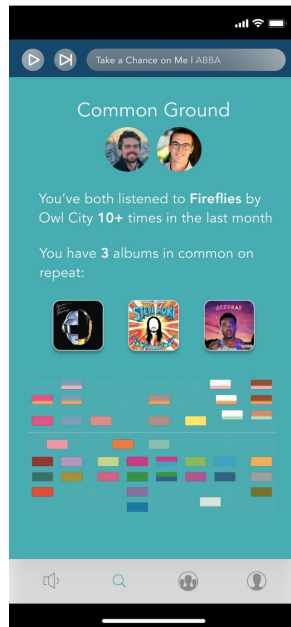
A few features seem to be misleading for the first-timer user. Search bars usually search for music, whereas this search page is for people. The “shake it up” page does not tell the user what the app is doing. How does a user know to select people on the home page?



First-time use *guidance*

- ▶ Add description to the search bar with the phrase “People you’ve listened with...”
- ▶ Rename “shake it up” as “find common ground”
- ▶ “Ring” around users hints at selection

Common ground confusion



The common ground page is unclear. There is confusion around what aspect of the music taste is trying to be displayed. The colors are overwhelming, and there are inconsistencies around labeling the profiles and parts of the screens.



Common ground *recognition*

- ▶ Make common grounds page reflect the profile page
- ▶ Utilize luminance rather than hue for different features of overlap
- ▶ Label profiles to clarify, rather than the inconsistent “You and _____”

3. Prototype Status





How are we building it?

Framework: React Native

Runtime: Node.js

Development environment: VS Code

Prototype environment: Expo (for rapid development)



What we have achieved so far

“Hop on the Ox”

Select group members and vibe

Add group members

Generate playlist

Groups

Select/add members

Name group

Searches

Recent searches

Manual searches



Coming soon...

Groups

Select/add members

Name group

Save group

Group profile

Group discover

Searches

Recent searches

Manual searches

Common ground sequence

Profile

Top songs/artists

Music taste graphic and details

Recent listening parties



Hello wizard

We plan to hardcode the following data:

- ▶ Nearby profiles
- ▶ User's music
- ▶ Music taste numbers

We will wave our magic wand for these features::

- ▶ Generated playlists
- ▶ Common grounds



Questions

1. What is the best way to represent our playlist curation algorithm in visual form?
2. What is the easiest way to host Flask made REST APIs?
3. How do you maintain a state after a refresh?

4. Prototype Demonstration





Let the games begin



Questions?

