Merge

Don't just listen to music; listen to people

Problem

Current music discovery tools do not address two significant aspects of the music discovery process:

1. Music is a incredibly social form of art that connects users
2. Users often associate certain music depending on places, activities, or friends.

The social element of music discovery is so strong that some users only listen to new songs or artists on the suggestion of a trusted friend. Currently, the only tools that users have to facilitate this social music discovery require users to actively participate in this process.

Solution

- Automate the process of music discovery and selection based on music preferences of peers
- Allow users to easily share their music with others who are likely to enjoy it

Overview

1. Heuristic Evaluation Results
2. Revised Design
3. Prototype Implementation Details
4. Demo

Heuristic Evaluation Results

- Limited functionality in the playback bar

-Difficult to get to the next song (need a next button or swipe method)
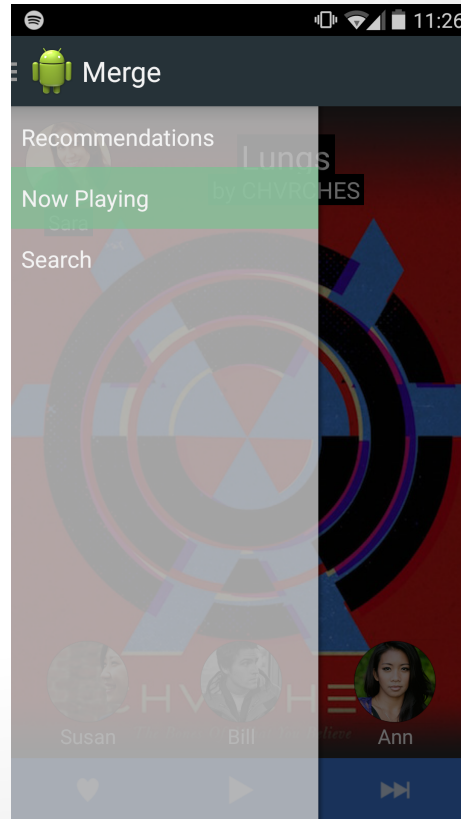
Heuristic Evaluation Results

-Side bar seems empty
for number of options
we had

-User profile lacking in
functionality

Heuristic Evaluation Results

-Wanted a friend selection page for sharing

-Too many gesture operations on friends under the song

Tools Used

Android Studio

- Based on IntelliJ
- Easy testing
- Can view on both computer and phone
- Extensive API documentation available

Implemented Features

Sharing Task:

- Recommendations playing/swiping through
- Now playing view
- Drag faces to share music

Unimplemented Features/Plans

- User Profile full interaction and messaging
- "Message User" screen
- Using the search bar to find other friends to share with
- The menu buttons don't move to the correct screens
- Full pause screen

Hard-Coded Data

- Faces of the people you can share with
- Recommendations
- Songs to choose and play

Issues/Questions

None!

Demo