Team 6 Project Proposal
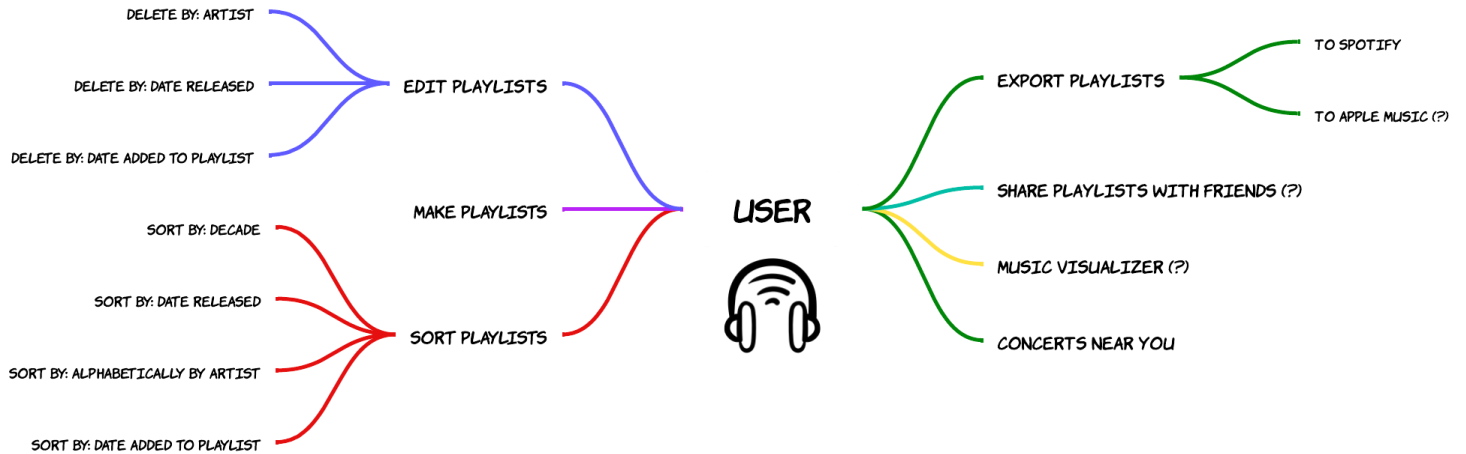
1) Team number: 016-6

2) Team name: Fix Your Mix

3) Team members (names, github, email):
   - Bobby Lashway,   rola4910,   rola4910@colorado.edu
   - Andy Nguyen,   AndyNguyenCUBOULDER, anng5321@colorado.edu
   - Parker secrest,   pjsecrest,   pase7864@colorado.edu
   - Evan Pradhan,   EvanPradhan15,   evpr5791@colorado.edu
   - Mary Ella Rinzler, maryellar,   Mari4461@colorado.edu

4) Application name: Fix Your Mix

5) Application Description:
   - Fix Your Mix is an application for Spotify users looking to enhance their experience and offers greater functionality for playlists. Fix Your Mix includes features such as creating, editing, and sorting playlists. This application is able to export the modified playlist back into Spotify and be shared with other users. A unique visualizer is included when users preview songs. The final feature is a concert listing that will show what artists in a playlist have upcoming concerts near the user for a specified location.
   - When sorting through playlists, users will be able to sort by categories such as decades, 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. The visualizer will respond to the frequency, intensity, and rhythm of the music and aims to enhance the user experience while listening to songs.

6) Vision Statement
   - For Spotify users who want to enhance their playlists. Fix Your Mix is a playlist organizer that helps listeners envision, reimagine, and curate your playlists to your needs. Unlike "organize your music", our product is intuitive and visually worth using.

7) Version Control
   - https://github.com/rola4910/csci3308_team6/tree/main

8) Development Methodology
   - We will use agile methodologies for this project

9) Communication plan
   - To communicate with the team, we plan on using Discord to discuss progress and work that needs to be done. This will allow us to connect without having to physically talk to each other.

10) Meeting plan

- Team meeting:
  - We plan on using the weekly lab sessions as meetings. These occur in-person on Fridays at 11:15am
- Weekly meeting with TA:
  - Tuesdays at 11:30am via Zoom

11) Use case diagram

DELETE BY: ARTIST
DELETE BY: DATE RELEASED — EDIT PLAYLISTS
DELETE BY: DATE ADDED TO PLAYLIST

MAKE PLAYLISTS

SORT BY: DECADE
SORT BY: DATE RELEASED
SORT BY: ALPHABETICALLY BY ARTIST — SORT PLAYLISTS
SORT BY: DATE ADDED TO PLAYLIST

USER

EXPORT PLAYLISTS — TO SPOTIFY / TO APPLE MUSIC (?)

SHARE PLAYLISTS WITH FRIENDS (?)

MUSIC VISUALIZER (?)

CONCERTS NEAR YOU

12) Wireframe

fix your mix

username

password

Login to Spotify

cool art stuffs

→

choose option ∨

sort playlist
edit playlist
make playlist
delete playlist
show concerts based on playlist
etc...

cool art stuffs

→

choose playlist ∨

song   option
song   option
song   option
...   ...
...   ...
...   ...
song   option

concerts....

cool art stuffs

→

choose song ∨

visualizer for song maybe?