| **Problem** | Consumers on different music streaming platforms experience conflict when trying to share music | **Authors** | Alejandro José Figueroa Ramírez
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Problem Statement/ Current Condition

- Currently there is no way for users on Spotify to share playlists with users on Apple music, and vice versa, in a quick, simple manner.

- The only solution currently is to manually make the album from scratch on the opposite platform, manually searching and adding the music song by song.

- This tends to result in a long and arduous process which many users decide is either not worth the effort or give up halfway.

Goal Statement/ Target Condition

- The goal is a quick and easy way to share playlists between users on different music streaming platforms.
- A highly efficient system that connects two users on different streaming services and automatically creates the same playlist on both platforms with instant feedback upon the creation of the playlist
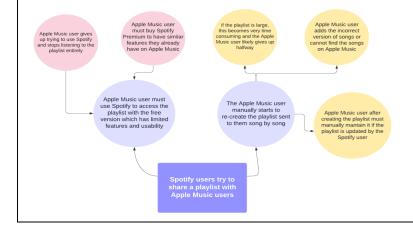
Cause Analysis

Countermeasures

- The solution we propose is to create a platform that bridges the two music streaming services and automatically syncs the selected playlist and goes through the time-consuming process the user would have to do by hand and accomplishes it almost instantly
- The users would have the option to connect their respective accounts or the program will use a link to the desired playlist from one user and recreate it on the other user's account
  - In the case that a certain platform does not have a song, the user will receive instant feedback and can be assured that song is sadly just not available instead of searching the site incessantly for the song

Check/Evaluate

- This automatic playlist creation system circumvents this metaphorical barrier between Spotify users and Apple Music users and allows them to easily share large swaths of music between the two platforms in a quick and efficient way.
- The way we would be assured of this would be to keep track of how many playlists have been transferred over exactly and how many weren't able to be transferred to the other site albeit due to the service not having a certain song or a certain song not being available to a certain user.

Verify/Standardize

- Using the users' accounts on either music streaming service, we can immediately access the users' playlists and add the desired playlist directly to their account without much issue. The same system can be used to update the playlist in the case either user adds more music after the playlist's creation to not become obsolete.
- This application can later be expanded upon to include other platforms such as Soundcloud and could also be transferred to an app on your smartphone instead of a web application.

Apple Music user gives up trying to use Spotify and stops listening to the playlist entirely

Apple Music user must buy Spotify Premium to have similar features they already have on Apple Music

If the playlist is large, this becomes very time consuming and the Apple Music user likely gives up halfway

Apple Music user adds the incorrect version of songs or cannot find the songs on Apple Music

Apple Music user must use Spotify to access the playlist with the free version which has limited features and usability

The Apple Music user manually starts to re-create the playlist sent to them song by song

Apple Music user after creating the playlist must manually mantain it if the playlist is updated by the Spotify user

Spotify users try to share a playlist with Apple Music users