Feature Request: Do not display songs already on the Playlist

**August 10th 2022**

# **OBJECTIVE**

To no longer display songs already present in the users playlist, as they cannot add duplicate songs. This will be more intuitive and prevent confusion as to whether the song has already been added or not.

# **BACKGROUND**

With Jammmings interface, it seems intuitive that when a song is added from the search results to the playlist, the song moves from the left to the right. However this is not the case, when the song is added to the playlist, it is still there to be seen in the search results. This could cause confusion with some users as they may think that the song hasn’t been added yet. Jamming only allows the user to add the song to a playlist once, so why bother to continue to display it, when the user cannot interact with it.

# **TECHNICAL DESIGN**

### Search Results

Before the search results are displayed, they will need to be filtered with the current playlist. If any song in the current playlist is present in the search results, it need not be displayed.

This would require modification to the current search method in App.js

Search would need to filter out the current playlist songs before adding its results to the current state. This would prevent songs already added to a playlist from being added again.

# **CAVEATS**

If there is only one search result, it may result in confusion with the user and maybe even a loss of confidence in the Jammming apps ability to search spotify. A potential solution to this would be to mark the song that has already been added to the playlist with a different colour, or to display that the song is already added to the playlist when the user searches for a song thats already on the playlist.

This could be completed if the search results are only one song long, and the song is a “duplicate”