Design Document Template

**August 10 th 2024**

# **OBJECTIVE**

Implement a feature that displays a confirmation message to the user when a playlist is successfully saved to their Spotify profile.

# **BACKGROUND**

The playlist saving feature in Spotify is crucial for user experience, but it currently lacks visual feedback to inform the user of a successful operation. Implementing a confirmation message will enhance usability by providing immediate and visible feedback. Users will be assured that their playlist has been saved without having to manually check their Spotify account. This change is inspired by common design patterns in modern applications that use notifications or confirmation messages to improve user interaction and satisfaction..

# **TECHNICAL DESIGN**

The new feature has been implemented in the App.js component, which manages the main state of the application.

* **New State:** A ‘showConfirmation’ state has been introduced to control the visibility of the confirmation message.
* **Modification of ‘savePlaylist’:** The ‘savePlaylist’ function has been updated to show the confirmation message after the playlist is successfully saved. The message is displayed for 3.5 seconds before disappearing.
* **Confirmation Message:** A conditional block has been added in App.js to display the message only when ‘showConfirmation’ is true.
* **Message Styling:** In the ‘App.module.css’ file, the style for the confirmation message has been added.

# **CAVEATS**

An alternative could be using an external notification library (e.g., react-toastify) to handle confirmation messages, which could offer more flexibility and advanced features such as persistent or customizable notifications. However, this would increase the complexity of the project and introduce an additional dependency. The current solution, while simpler, is fully customized and integrated without the need for additional libraries.