Design Document Template

**September 4th 20XX**

# **OBJECTIVE**

* Update the access token logic to expire at exactly the right time, instead of setting expiration from when the user initiates their next search

# **BACKGROUND**

To streamline the experience of logging in. There was an issue where the search results would show up and a user would assume they’re logged in but when trying to save the playlist they’ve created, spotify would reject the token and clear the playlist and search results.

# **TECHNICAL DESIGN**

1. When the token is obtained, the time it expires at is calculated by adding the expiresIn value to Date.now. Then to get the true timeout, we subtract Date.now from the time it expires at.
2. App.js should have a state of unsaved playlist that is empty. This variable is populated by Playlist.js just before saving to spotify. On successful spotify save, it will be cleared.