Feature Request: Load Screen while Playlist is Saving

**October 18th, 2017**

**OBJECTIVE**

To present a unique loading screen for users while their playlist saves.

**BACKGROUND**

Currently, Jammming does not have any support for a feature showing a loading screen while a playlist is saving. A loading screen is useful especially if the user has a slow connection, or is saving many songs. This feature accomplishes the following:

* Displays a loading screen inside of a lightbox for users to look at while their playlist saves.
* Can possibly allow for advertisements on the loading screen lightbox – maybe to other albums a user might like.

**TECHNICAL DESIGN**

**Display a saving screen**

A new click event will need to be created, so that when the ‘save’ option is clicked, a loading screen will come up. There would need to be a new method in App.js for bringing up the loading screen.

The loading screen will check for when the saving of the playlist is done, and will display a message when this is completed, giving the user a button to close the lightbox.

The loading screen could also include a loading bar as well so that a user knows how long it will take until their playlist is done saving. If they are saving a lot of albums or songs, this lets them know how long they will wait.

**CAVEATS**

**Too many requests**

If someone were to make too many requests to the Spotify API, there may be a delay or some throttling may occur with the API. To limit this, a user will only be able to save their playlist every time they add a new song to it. A timer that communicates to the server could be added, and if a user tried to save too often, a warning would show up and ask the user to wait.