Feature Request: Enhanced Search

**July 17th2018**

## OBJECTIVE

Allow users to search by Artist, Album or Track

## BACKGROUND

Currently Jahmmmin only uses the search term entered by the user to search track titles. This feature will allow users to select which Spotify data type (i.e. track, album, artist) to search for.

## TECHNICAL DESIGN

The following changes will be required to implement this feature:

**Search Bar**

* Add a search type select element to the search bar (values will be “All”, “Artist”, “Album” and “Track”)
* Add search type label
* Modify search bar CSS to place search type select element to the right of the search term and place search type label
* Add a handler to update app state with search type when the select list is changed by the user
* Update search method to accept additional, “search type”, argument

**App**

* Modify the search method to accept an additional argument for the search type

**Spotify Utility**

* Add search type argument to the search method
* Modify search fetch query string to use variable for the “type” argument – it’s currently hard coded to “track”

## CAVEATS

The search type select element can be changed by the user after search results are returned which would create a situation whereby the search type does not correspond the search results on the screen. A future enhancement could allow the app to re-query Spotify if the search type is changed and the search results app state object is not zero length.