Feature Request: Enter to Search

**March 3rd 2018**

# **OBJECTIVE**

To give users the ability to search with the enter key instead of having to click the search button.

# **BACKGROUND**

Currently, the user has to click the search button to search the Jammming app, causing to have to take their hands off the keyboard. This disrupts the flow of the searching and is frustrating for users who are used to using the enter key to search. Using the enter key is a very common and useful feature for users, so this is a fundamental convention to support.

This feature accomplishes the following:

* Allows the user to search with the Enter key from the search bar

# **TECHNICAL DESIGN**

**Check for Enter key and Search**

In the **Search Bar** component, a new method called **onEnterDown** should be created. When it is called, it will check the key and search.

The method will have one parameter named **event**. This will return the details about the key that was pressed. Inside the function, an ‘if’ statement will check if the ‘key’ attribute of **event** is equal to ‘Enter’. If it is, then the search method will be called. The **onEnterDown** method will be bound to ‘this’ in the constructor method.

In the input element, the **onKeyPress** event listener will be used to call the **onEnterDown** method as an event handler.

# 

# **CAVEATS**

**Page-wide Searching**

With this feature, searching will be possible with the enter key only from the search bar. A possible improvement on this be to allow the enter key to search from anywhere on the page. The improvement would make it even easier to search, however it would not make a large difference as most of the time the user would not click away from the search bar before searching.

**Search on Change**

Another possible improvement would be to only search when there is a change in the search terms. Currently, the Jammming app searches every time the search button is pressed. This could lead to excess API requests to Spotify. This would make the application more efficient, however it is not necessary as there is no current lag during searching, and it would not be common for a user to accidentally search for the same term twice.