Feature Request: Search Triggered by Enter

**June 11, 2018**

# OBJECTIVE

To give users the ability to trigger their search by pressing the enter key

# BACKGROUND

Currently, Jamming supports the ability to trigger a search by clicking the search button. However, hitting the enter button does not trigger the search as it normally does on other applications, potentially a major source of frustration to users.

This feature accomplishes the following:

* Trigger a search by hitting the ‘Enter’ on the keyboard

# TECHNICAL DESIGN

Not much additional code is necessary to implement this feature because we will be taking advantage of the prewritten search-inducing code and just connecting it to another circumstance.

**Keypress Event**

First, an ‘onKeyPress’ event handler should be added as an attibute to the <input> element within SearchBar.js. The element should be set equal to ‘this.enterSearch’.

**Keypress Function - enterSearch**

To create ‘this.enterSearch’, create a method in SearchBar.js after the search() method called enterSearch that takes two parameters - ‘event’ and ‘search’. Inside the method, use the event parameter to write a conditional statement that checks if the keyCode of the key that was pressed is equal to 13 (the keycode of the ‘Enter’ key).

If the condition is met, run this.search.

Bind the new enterSearch() method in the constructor of SearchBar.js.

# CAVEATS

# Reduction in App Speed

The app will perform the enterSearch() function every time that a key is pressed. This could mean that the potential speed of the computer’s response to new inputs in the search bar could be slightly decreased. I doubt performing such a small function would have any major (if at all noticeable) effects, but thought it was worth putting it on here.