

# Design Document Template

April 24th 2019

## OBJECTIVE

To trigger search by pressing enter when search term field is selected.

## BACKGROUND

Currently, in order to trigger a search in Jamming a user must move the cursor and click the search button. This feature allows the user to trigger a search with an enter keypress in the search field.

## TECHNICAL DESIGN

Trying: add if condition to `handleTermChange`: if keystroke enter, trigger `this.search`

Additional code should be written in `SearchBar.js`:

- Add `onKeyUp` event listener to `<input>` element inside the render function.
- Create a new method, `handleKeyPress()`, to be called when the event listener is triggered.
- `handleKeyPress()` should accept one argument, `event`, which allows the function to access information about the user's keypress.
- Add an if condition to `handleKeyPress()`. The condition should evaluate to truthy when the key released is the enter key, which has a `keyCode` 13.
- If the condition evaluates truthy, the method should trigger the `SearchBar` component's `search()` method. Otherwise, return.
- Inside the constructor method, bind the `handleKeyPress` method to the `SearchBar` component using `keyword: this`.

## CAVEATS

### **Drawbacks to the proposed Implementation:**

Stores an additional method and calls the method each time a keypress is executed in the search field.

### **Alternative: Adding functionality to handleTermChange:**

The onChange event listener doesn't have access to keyCode information about the event. Both features may be able to be combined in one event listener, but they serve separate functions and could be implemented independently of each other.