Design Document Template

**May 25 2018**

**OBJECTIVE**

To give the users the ability to press enter to trigger a search

**BACKGROUND**

It is common practice for websites using a search bar to allow the user to press enter to initiate their search. This feature is available on virtually any website from Google to Facebook etc. Without this feature on our Jammming website users may think that the website is operating incorrectly or even that they may be experiencing some sort of hardware malfunction on their own computers.

In order to implement this feature we will have to add functionality to the search bar to detect and act on a user’s keyboard press.

**TECHNICAL DESIGN**

Using the “Enter” key to activate a search

A new component called, **Input,** should be created. This component will handle the change when a user presses the enter key. We should add code that looks similar to this:

class Input extends React.Component {

\_handleKeyPress = (e) => {

if (e.key === 'Enter') {

console.log('do validate');

}

}

render() {

return <input type="text" onKeyPress={this.\_handleKeyPress} />

}

}

**CAVEATS**

The above feature addition would not handle things like multiple key presses. Also, repeated attempts by the user to do a search may cause an error when retrieving the search results from Spotify