Feature Request: Enter to Search and Save Playlist

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**OBJECTIVE**

Improve the user experience of the Jammming application by allowing the user to trigger a song search and save their playlist using the enter key.

**BACKGROUND**

Currently the Jammming application supports searching for songs using the Search button and saving the playlist to Spotify using the Save to Spotify button. However, since clicking these buttons requires the use of the mouse, the user must move their hand away from the keyboard. This results in a less than smooth user experience.

This feature accomplishes the following:

* Searches for songs on Spotify using the term entered in the search bar when the enter key is pressed.
* Saves the playlist generated by the user when the enter key is pressed in the playlist name input field.

**TECHNICAL DESIGN**

**Detect Key Presses**

Key presses on the user’s keyboard when entering data into an input field must be detected for this feature to work. This feature takes advantage of the onKeyDown event in the input field. An event handler is added for this event to decide the course of action when a specific key is pressed.

**Identify Key Pressed**

The application must know what key is pressed to decide what to do. This feature only requires the application to know when the enter key is pressed. The key code for the enter key is 13. Therefore, when the key code from the onKeyDown event matches that of the enter key, the search function is called in the search bar, and the onSave function is called for the playlist name input field.

**CAVEATS**

The implementation of this feature can be expanded. Other hotkeys can be included to improve the user experience.

The code is currently implemented inside each component requiring this feature. All the code could be put inside a single new file. However, the event handlers would still be needed inside each component and only the logic would be stored in the new file. This may cause some confusion regarding key presses and their actions.