**Feature Request:** Pressing enter triggers a search

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# **OBJECTIVE**

Pressing enter on the search bar triggers a search.

# **BACKGROUND**

If the user has typed a search term and would like to use the enter key as a substitute for the submit button then enabling this functionality will greatly improve overall user experience in the application.

# **TECHNICAL DESIGN**

We can tackle this issue by implementing an onKeyDown={this.handleEnterSearch} on the <input /> element in SearchBar.js. We can then connect it to the trigger function handleEnterSearch = (event: React.KeyboardEvent<HTMLDivElement>): void => { if (event.key === 'Enter') {event.preventDefault(); event.stopPropagation(); console.log('enter!'); this.props.onEnterSearch(this.state.searchTerm); }}

In App.js within the <SearchBar /> element we add onEnterSearch={this.search} and connect this to the function search(term) { if (Spotify.accessToken === null || Spotify.accessToken === '' ) {Spotify.getAccessToken(); } else { console.log('Search term: ' + term); Spotify.search(term).then(response => {this.setState({searchResults: response})});}} .

This will enable us to implement the enter key functionality and reuse the original search function without conflict.

**CAVEATS**

Using the keyDown key might cause in some rare cases and mainly on desktop - with a keyboard - that the submission is triggered multiple times but is best practice on mobile.