Pressing enter triggers a search

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# **OBJECTIVE**

The object is to make it possible for the user to press *enter* and execute the search function. Now it is only possible to click on ‘search’ to trigger the search functionality.

# **BACKGROUND**

At this moment, it is not possible for the Jammmer app to perform a search while pressing *enter*. Its only possible clicking the ‘search’ button. Best practice for implementing a search functionality (<http://www.uxbooth.com/articles/best-practices-for-search/>) suggests two different options:

1. Clicking
2. Pressing *enter*

A clear research between usage percentage of pressing *enter* or clicking ‘search’ could not be found. However, to satisfy all users, it is important to implement both instead of just one.

# **TECHNICAL DESIGN**

A new component is not needed for this feature. The feature should be build inside the **searchBar** component and it has to handle a *keypress event.* Luckily, its possible for a computer to recognize which key is being pressed. We could call the method handleKeyPress and give it an event as a parameter followed by an IF statement. If the event.key is equal to Enter, it should execute a search. The onKeyPress attribute should be added to the input field. At last we need to bind the method within the constructor using the *this* keyword. The method itself would look like the following:

handleKeyPress(event) {

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

this.search();

}

}

# **CAVEATS**

This section is used to lay out alternative solutions and their respective drawbacks, as well as potential drawbacks to the proposed solution above. This is used to make it clear why the technical implementation detailed previously was chosen instead of alternatives. It additionally allows stakeholders or other developers to consider those drawbacks and choose one of the alternate solutions if they prefer it. This may occur if they feel the benefits or drawbacks of that solution are more desirable than the current solution, or if they can identify other benefits and drawbacks not currently listed.