Bocer Search:

1. Check if the keywords are ISBN, if so, show the book with the exact ISBN.
2. Check if the keywords contain the word edition, record next character as edition number.
3. Put title, author, ClassName in a same dictionary and check matchings with the keywords for each book.

Two ways for the third step:

We implement it ourselves or use fusejs, an open source javascript fuzzy search API.

If we do it ourselves, I suggest for each book, create an instance of the below Data structure:

[0] IsClassName

[1] Word Distance

[2] IsCorrectEdition

[3] Price.

Use the data structure as the sorting key for the books. Return the result as a sorted list of books.

However, I suggest try fusejs first since it is more convenient and robust. See the demo on “fusejs.io”.