06 Additional API

## Description

Besides the functionalities in the context of the given front-end (previous stories), additional functionalities need to be provided.

Below you find the API of these functionalities (URL, request type, input, output, acceptance criteria).

When a Book object is returned in the output, it has always following fields: “id” (long), “title” (String), “numberInStock” (int), “price” (double), “inColor” (Boolean), “priceInDollar” (double)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Request | URL | Input | Output | Acceptance Criteria |
| DELETE | <http://localhost:8080/api/book/remove?id=1> | id (int) | A Book object (JSON) | The book with the given id is removed from the library.  Returns the removed book if it exists |
| GET | [http://localhost:8080/api/book/search/price/{price}/numberInStock/{numberInStock}](http://localhost:8080/api/book/search/price/%7bprice%7d/numberInStock/%7bnumberInStock%7d) | Price (double)  numberInStock(int) | A JSON array of books | Returns all books with given price and numberInStock greater than the given number. |
| GET | <http://localhost:8080/api/book/search?id=4> | Id (int) | A Book object (JSON) | The book with the given id is returned  I If the book does not exist: returns nothing |
| GET | [http://localhost:8080/api/book/search/notInColor/priceLessThan/{price}](http://localhost:8080/api/book/search/notInColor/priceLessThan/%7bprice%7d) | Price (double) | A JSON array of books | Returns all books that are not in color and have price less than the given price. |