21 Registered User Returns Book

## Description

As a user

I want to allow a registered user to return a book

So that this book can be rented by another user

## API

|  |  |
| --- | --- |
| Request | POST |
| URL | http://localhost:8080/api/library/return?userId={userId}&title={title} |
| Path Variable |  |
| Request Body |  |
| Output: happy case | A User object (JSON) – fields: id, name, age, email, password, profile with fields {id, bio, place}, list of memberships with fields {id, startDate, endDate, type, freeLoans}, list of rented books with fields {id, title, numberInStock, price, inColor, availableCopies} |
| Output: unhappy case | Response 400 BAD REQUEST  One of the following JSON error messages:   * “userId”: “User with id {id} does not exist” * “title”: “User with id {id} has not rented the book with title {title}” |
| Acceptance Criteria | * When a user returns a book with given title, it is removed from the list of books that the user has rented. The book itself is not deleted! * The number of available copies of the book is increased by 1. The number in stock is *not* modified. * The user can always return a book. If he no longer has a valid membership, the book is removed from his list of rented books. |

## Technical Requirements