

ACS Library System Documentation

API(s)

1. GET /books
 - This is an api to retrieve all the books registered in the system.
 - Returns a list of books registered.
2. POST /book/registration
 - This is an api to register books into the system.
 - Returns a success message upon registration.
 - The api does a validation on the ISBN-13 number format.
 - The mandatory fields in the requestBody:
 - i. isbnNo (String)
 - ii. title (String)
 - iii. author (String)
3. PUT /book/{bookId}/borrow
 - This api allows the borrower to borrow a book.
 - The bookId is required to be passed as a pathVariable.
 - The api does validation on whether the book is available for borrowing.
 - The mandatory fields in the requestBody:
 - i. borrowerId (String)
 - System will keep record of the borrower for the book.
4. PUT /book/{bookId}/return
 - This api allows the borrower to return the book.
 - The bookId is required to be passed as a pathVariable.
 - The api does validation whether the book is borrowed in the first place in order to return it.
5. POST /borrower/registration
 - This is an api to register borrowers.
 - This api will validate whether the new borrower email is already registered in the system.
 - The api will validate the email format.
 - The mandatory fields in the requestBody:
 - i. name (String)
 - ii. email (String)
6. GET /borrowers
 - This is an api to retrieve all the borrowers registered in the system.
 - Returns a list of borrowers registered.