1. add student : POST – <http://localhost:8080/booklib/api/student>

{

"firstName" : "Anuj",

"lastName" : "Gupta",

"phoneNubmer" : "1234567890",

"email" : "anuj@gmail.com",

"password" : "password"

}

1. Student authentication : POST - <http://localhost:8080/booklib/api/student/authenticate>

{

"email" : "anuj@gmail.com",

"password" : "password"

}

1. Get all book publishers: GET - <http://localhost:8080/booklib/api/bookPublisher>
2. Add publisher : POST - <http://localhost:8080/booklib/api/bookPublisher>

{

"name": "Demo publisher"

}

1. Update publisher: PUT - http://localhost:8080/booklib/api/bookPublisher/{publisherid}

{

"name": "Demo publisher updated1"

}

1. Get all book categories: GET - [http://localhost:8080/booklib/api/ bookCategory](http://localhost:8080/booklib/api/bookPublisher)
2. Add Category : POST - [http://localhost:8080/booklib/api/bookCategory](http://localhost:8080/booklib/api/bookCategory%20)

{

"name": "biography"

}

1. Update Category: PUT - http://localhost:8080/booklib/api/bookCategory/{categoryid}

{

"name": "updated category name"

}

1. Get books by page: <http://localhost:8080/booklib/api/book?page=1&limit=5&authorid=1>

Here page, limit and author id are parameters.

1. Add book : POST - http://localhost:8080/booklib/api/book

{

"name": "Game of throns",

"edision": "3",

"numberOfBookAvailable": "10",

"category": {

"id" : "10"

},

"author" : {

"id" : "2"

},

"publisher" : {

"id" : "2"

}

}

1. Issue a book to a student : - POST - http://localhost:8080/booklib/api/loan

{

"bookId" : 13,

"studentId" : 3

}

1. Get the assigned book (loan detail) detail in a report : - <http://localhost:8080/booklib/api/loan/report>
2. Deposit a book for student : PUT - Issue a book to a student : - POST - http://localhost:8080/booklib/api/loan

{

"bookId" : 13,

"studentId" : 3

}

1. Get book assigned to student : GET - <http://localhost:8080/booklib/api/loan?studentId=2>