

Library Management System API

- Auth
 - POST Register User
 - POST Login User
- Users
 - POST Create User
 - GET Get All Users
 - GET Get User by ID
 - PUT Update User
 - DEL Delete User
- Books
 - POST Add Book
 - GET Get Book by ID
 - GET Search Books
 - PUT Update Book
 - DEL Delete Book
- Borrowing
 - POST Borrow a Book
 - PUT Return a Book
 - GET Get Borrowing History
 - GET Get Overdue Report

New Collection

POST `{{base_url}}/auth/login` Send

Params Authorization Headers (10) **Body** Scripts Settings Cookies Beautify

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON

```
1 {
2   "username": "p",
3   "password": "password123"
4 }
```

Body Cookies Headers (10) Test Results 200 OK 82 ms 475 B Save Response

JSON Preview Visualize

```
1 {
2   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTJ5IiwiaWF0IjoxNzQ3MTk2N2EzIiwiaG9kbGkiOiJGdksH8-VS1LSfrijhwT0dod1ZGkyZuzmYn1010esY1iYw"
3 }
```

Library Management System API / Users / **Get All Users** Save Share

GET `{{base_url}}/users` Send

Params Authorization Headers (8) **Body** Scripts Settings Cookies

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

This request does not have a body

Body Cookies Headers (10) Test Results 200 OK 245 ms 494 B Save Response

JSON Preview Visualize

```
1 [
2   {
3     "id": 1,
4     "username": "userlib",
5     "name": "User Lib",
6     "email": "user@lib.com",
7     "role": "LIBRARIAN"
8   },
9   {
10    "id": 2,
11    "username": "userpat",
12    "name": "User pat",
13    "email": "user@pat.com",
14    "role": "PATRON"
15  }
16 ]
```

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New Collection

GET `{{base_url}}/users/{{userId}}` Send

Params Authorization Headers (8) **Body** Scripts Settings Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body Cookies Headers (10) Test Results 200 OK 76 ms 405 B Save Response

JSON Preview Visualize

```
1 {
2   "id": 1,
3   "username": "userlib",
4   "name": "User Lib",
5   "email": "user@lib.com",
6   "role": "LIBRARIAN"
7 }
```

Workspace New Import

Library Management System API / Users / Update User

PUT {{base_url}} /users/ {{userId}}

Params Authorization Headers (11) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "name": "Jane Smith",
3   "email": "jane.smith@example.com",
4   "role": "LIBRARIAN"
5 }
```

Body Cookies Headers (10) Test Results

200 OK 158 ms 417 B

JSON Preview Visualize

```
1 {
2   "id": 1,
3   "username": "userlib",
4   "name": "Jane Smith",
5   "email": "jane.smith@example.com",
6   "role": "LIBRARIAN"
7 }
```

Home Workspaces API Network

Search Postman Ctrl K

Furkan's Workspace New Import

Library Management System API / Users / Delete User


DELETE {{base_url}} /users/ {{userId}}

Params Authorization Headers (8)

Query Params

Key	Value	Description
Key	Value	Description

Response History



Library Management System API / Users / Delete User

DELETE

{{base_url}} /users/ {{userId}}

Params

Authorization

Headers (8)

Body

Scripts

Settings

Query Params

	Key	Value	Description
	Key	Value	Description

Body

Cookies

Headers (8)

Test Results

204 No Content

690 ms

264 B

Raw

Preview

Visualize

1

Library Management System API / Books / Add Book

Save

POST

{{base_url}} /books

Params

Authorization

Headers (11)

Body

Scripts

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

```
1 {
2   "title": "kitap2",
3   "author": "George Orwell",
4   "isbn": "1111111111",
5   "genre": "Dystopian",
6   "totalCopies": 11
7 }
```

Body

Cookies

Headers (10)

Test Results

201 Created

28 ms

425 B

Save

JSON

Preview

Visualize

```
1 {
2   "id": 2,
3   "title": "kitap2",
4   "author": "George Orwell",
5   "isbn": "1111111111",
6   "genre": "Dystopian",
7   "totalCopies": 11,
8   "availableCopies": 11
9 }
```

Library Management System API / Books / Get Book by ID

GET{{base_url}}/books/{{bookid}}

ParamsAuthorizationHeaders (8)BodyScriptsSettings

Query Params

Key	Value	Description
Key	Value	Description

BodyCookiesHeaders (9)Test Results200 OK • 424 ms • 400 B

JSONPreviewVisualize

```
1 {
2   "id": 2,
3   "title": "kitab2",
4   "author": "George Orwell",
5   "isbn": "1111111111",
6   "genre": "Dystopian",
7   "totalCopies": 11,
8   "availableCopies": 11
9 }
```

Import

< A GET Get U POST Add GET Get B GET Search PUT Borr GET Get O GET Get B PUT Retun PUT Upda DEL Delete > +

Library Management System API / Books / Search Books

GET{{base_url}}/books?title={{query}}

ParamsAuthorizationHeaders (9)

kitab

CollectionVariables in request →

Key	Description
<input checked="" type="checkbox"/> Cache-Control	no-cache
<input checked="" type="checkbox"/> Postman-Token	<calculated when request is sent>
<input checked="" type="checkbox"/> Host	<calculated when request is sent>
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.43.4
<input checked="" type="checkbox"/> Accept	/*/*
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br
<input checked="" type="checkbox"/> Connection	keep-alive

BodyCookiesHeaders (9)Test Results200 OK • 157 ms • 409 B

JSONPreviewVisualize

```
1 [
2   {
3     "id": 2,
4     "title": "kitab2",
5     "author": "George Orwell",
6     "isbn": "1111111111",
7     "genre": "Dystopian",
8     "totalCopies": 11,
9     "availableCopies": 11
10  }
11 ]
```

GET



{{base_url}} /borrow/history/ {{userId}}

Params

Authorization

Headers (8)

Body

Scripts

Settings

Query Params

	Key	Value
	Key	Value

Body

Cookies

Headers (5)

Test Results



{ } JSON

Preview

Visualize



```
1  [
2    {
3      "id": 1,
4      "bookId": 2,
5      "userId": 2,
6      "borrowDate": "2025-05-14",
7      "dueDate": "2025-05-28",
8      "returnDate": null
9    }
10 ]
```

MENÜ

Swagger UI

Swagger UI

Swagger UI

Getir Java Spri

Bitirme projesi

Ana sayfa - Ge

< > ↺ localhost:8082/swagger-ui/index.html#/user-controller/getUserById

Spring Boot - OAu...

GET /users/{id}

Parameters

Name	Description
id * required	
integer(\$int64)	1
(path)	

Execute

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8082/users/1' \
-H 'accept: */*'
```

Request URL

```
http://localhost:8082/users/1
```

Server response

Code	Details
200	<div>Response body</div> <pre>{</pre>

Servers

http://localhost:8083 - Generated server url

book-controller

GET /books/{id}

PUT /books/{id}

DELETE /books/{id}

GET /books

POST /books

PATCH /books/{id}/increment

PATCH /books/{id}/decrement

GET /books/{id}/availability/stream

Parameters

MENÜ

Swagger UI

Swagger UI

Swagger UI

Getir Java Sp

localhost:8084/swagger-ui/index.html#/borrowing-controller/borrow

Spring Boot - OAu...

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8084/borrow' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "bookId": 1,
    "userId": 2
  }'
```

Request URL

http://localhost:8084/borrow

Server response

Code	Details
201	<div><div>Response body</div><pre>{ "id": 1, "bookId": 1, "userId": 2, "borrowDate": "2025-05-14", "dueDate": "2025-05-28", "returnDate": null }</pre></div> <div><div>Response headers</div><pre>connection: keep-alive content-type: application/json date: Wed, 14 May 2025 03:54:05 GMT keep-alive: timeout=60 location: /borrow/1 transfer-encoding: chunked</pre></div>

Responses

Code	Description
200	OK

Library Management System / Borrow - Borrow Book

POST

http://localhost:8080/borrow

Params

Authorization

Headers (11)

Body

Scripts

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

{

2

"bookId": 1,

3

"userId": 2

4

}

Body

Cookies

Headers (6)

Test Results

201 Created

92 ms

28

{}

JSON

Preview

Visualize

1

{

2

"id": 2,

3

"bookId": 1,

4

"userId": 2,

5

"borrowDate": "2025-05-14",

6

"dueDate": "2025-05-28",

7

"returnDate": null

8

}

Library Management System / Borrow - Return Book

PUT

http://localhost:8080/borrow/return/2

Params

Authorization

Headers (9)

Body

Scripts

Settings

Query Params

Key	Value	Description
Key	Value	Description

Body

Cookies

Headers (5)

Test Results

200 OK

21 ms

269 B

28

{}

JSON

Preview

Visualize

1

{

2

"id": 2,

3

"bookId": 1,

4

"userId": 2,

5

"borrowDate": "2025-05-14",

6

"dueDate": "2025-05-28",

7

"returnDate": "2025-05-14"

8

}