

POST textbook success:

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://127.0.0.1:5000/library_manager/textbook
- Body Type:** JSON
- Body Content:**

```
1 {  
2   "id": "123A",  
3   "title": "knwo",  
4   "author": "maryam",  
5   "published_year": 2001,  
6   "edition": 12,  
7   "cover_type": "paperback",  
8   "subject": "language",  
9   "is_borrowed": true  
10 }
```
- Status:** 200 OK
- Time:** 18ms
- Size:** 156 B
- Response Body:**

```
1 123A
```

POST textbook fail:

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://127.0.0.1:5000/library_manager/book
- Body Type:** JSON
- Body Content:**

```
1 {  
2   "id": "123A",  
3   "title": "knwo",  
4   "author": "maryam",  
5   "published_year": 2001,  
6   "edition": 12,  
7   "cover_type": "paperback",  
8   "subject": "language",  
9   "is_borrowed": true  
10 }
```
- Status:** 400 BAD REQUEST
- Time:** 12ms
- Size:** 187 B
- Response Body:**

```
1 Invalid book_type "book"!
```

POST ▼ http://127.0.0.1:5000/library_manager/textbook Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {
2   "id": "123A",
3   "title": "knwo",
4   "author": "maryam",
5   "published_year": 2001,
6   "edition": 12,
7   "platform": "paperback",
8   "subject": "language",
9   "is_borrowed": true
10 }
```

Body Cookies Headers (4) Test Results Status: 400 BAD REQUEST Time: 40ms Size: 174 B

Pretty Raw Preview Visualize HTML ▼

```
1 'cover_type'
```

POST **ebook** success:

POST ▼ http://127.0.0.1:5000/library_manager/ebook Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {
2   "id": "26D3",
3   "title": "Me",
4   "author": "Marina",
5   "published_year": 2010,
6   "edition": 4,
7   "platform": "Fast Read Ebooks",
8   "genre": "kids",
9   "is_borrowed": true
10 }
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 14ms Size: 156 B

Pretty Raw Preview Visualize HTML ▼

```
1 26D3
```

POST textbook fail:

POST ▼ http://127.0.0.1:5000/library_manager/ebook Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {  
2   "id": "2603",  
3   "title": "Me",  
4   "author": "Marina",  
5   "published_year": 2010,  
6   "edition": 4,  
7   "plat": "Fast Read Ebooks",  
8   "genre": "kids",  
9   "is_borrowed": true  
10 }
```

Body Cookies Headers (4) Test Results Status: 400 BAD REQUEST Time: 11ms Size: 172 B

Pretty Raw Preview Visualize HTML ▼ ↺↻

```
1 'platform'
```

PUT textbook success:

PUT ▼ http://127.0.0.1:5000/library_manager/textbook/123A Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {  
2   "id": "123A",  
3   "title": "knwo",  
4   "author": "maryam",  
5   "published_year": 2001,  
6   "edition": 12,  
7   "cover_type": "hardcover dust jacket",  
8   "subject": "biology",  
9   "is_borrowed": false  
10 }
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 39ms Size: 152 B

Pretty Raw Preview Visualize HTML ▼ ↺↻

```
1
```

PUT textbook verify success:

GET Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 14ms Size: 344 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "author": "maryam",
3   "cover_type": "hardcover dust jacket",
4   "edition": 12,
5   "id": "123A",
6   "is_borrowed": true,
7   "published_year": 2001,
8   "subject": "biology",
9   "title": "knwo"
10 }
```

PUT textbook fail:

PUT Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

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

```
1 {
2   "id": "123A",
3   "title": "knwo",
4   "author": "maryam",
5   "published_year": 2001,
6   "edition": 12,
7   "cover_type": "hardcover dust jacket",
8   "subject": "biology",
9   "is_borrowed": false
10 }
```

Body Cookies Headers (4) Test Results Status: 404 NOT FOUND Time: 26ms Size: 179 B

Pretty Raw Preview Visualize HTML

```
1 textbook not found.
```


PUT ▼ http://127.0.0.1:5000/library_manager/ebook/123A Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {
2   "id": "123A",
3   "title": "knwo",
4   "author": "maryam",
5   "published_year": 2001,
6   "edition": 12,
7   "cover_type": "hardcover dust jacket",
8   "subject": "biology",
9   "is_borrowed": false
10 }
```

Body Cookies Headers (4) Test Results Status: 404 NOT FOUND Time: 16ms Size: 190 B

Pretty Raw Preview Visualize HTML ▼ 

1 Invalid JSON: missing platform

PUT **ebook** success:


PUT ▼ http://127.0.0.1:5000/library_manager/ebook/26D3 Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {
2   "id": "26D3",
3   "title": "Me",
4   "author": "Marina",
5   "published_year": 2010,
6   "edition": 4,
7   "platform": "OverDrive Read",
8   "genre": "comics",
9   "is_borrowed": true
10 }
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 26ms Size: 152 B

Pretty Raw Preview Visualize HTML ▼ 

1

PUT **ebook** verify success:

The screenshot shows a REST client interface with the following details:

- Method:** GET (Note: The text says PUT, but the dropdown shows GET)
- URL:** http://127.0.0.1:5000/library_manager/book/26D3
- Send Button:** Blue button labeled "Send"
- Tabs:** Params, Authorization, Headers (7), Body, Pre-request Script, Tests, Settings
- Query Params Table:**

KEY	VALUE	DESCRIPTION
Key	Value	Description
- Body Tab:** Selected, showing status 200 OK, Time: 15ms, Size: 329 B
- Body Content (JSON):**

```
1 {
2   "author": "Marina",
3   "edition": 4,
4   "genre": "comics",
5   "id": "26D3",
6   "is_borrowed": true,
7   "platform": "OverDrive Read",
8   "published_year": 2010,
9   "title": "Me"
10 }
```

PUT **ebook** fail:

The screenshot shows a REST client interface with the following details:

- Method:** PUT
- URL:** http://127.0.0.1:5000/library_manager/ebook/26Dsdf
- Send Button:** Blue button labeled "Send"
- Tabs:** Params, Authorization, Headers (9), Body, Pre-request Script, Tests, Settings
- Body Tab:** Selected, showing status 404 NOT FOUND, Time: 15ms, Size: 176 B
- Body Content (JSON):**

```
1 {
2   "id": "26D3",
3   "title": "Me",
4   "author": "Marina",
5   "published_year": 2010,
6   "edition": 4,
7   "platform": "OverDrive Read",
8   "genre": "comics",
9   "is_borrowed": true
10 }
```
- Response Body:**

```
1 ebook not found.
```


PUT ▼ http://127.0.0.1:5000/library_manager/textbook/26D3 Send

Params Authorization Headers (9) **Body** ● Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON** ▼

```
1 {  
2   "id": "26D3",  
3   "title": "Me",  
4   "author": "Marina",  
5   "published_year": 2010,  
6   "edition": 4,  
7   "platform": "OverDrive Read",  
8   "genre": "comics",  
9   "is_borrowed": true  
10 }
```

Body Cookies Headers (4) Test Results Status: 404 NOT FOUND Time: 13ms Size: 189 B

Pretty Raw Preview Visualize HTML ▼ 

1 Invalid JSON: missing subject

DELETE by id success:


DELETE ▼ http://127.0.0.1:5000/library_manager/book/123A Send

Params Authorization Headers (9) **Body** ● Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 11ms Size: 152 B

Pretty Raw Preview Visualize HTML ▼ 

1

DELETE by id verify success:

GET ▼ http://127.0.0.1:5000/library_manager/book/1234 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE	DESCRIPTION
	Key	Value	Description

Body Cookies Headers (4) Test Results Status: 404 NOT FOUND Time: 37ms Size: 175 B

Pretty Raw Preview Visualize HTML ≡

```
1 Book not found.
```

GET ▼ http://127.0.0.1:5000/library_manager/all Send

Pretty Raw Preview Visualize JSON ≡

```
5     "edition": 4,
6     "genre": "comics",
7     "id": "2603",
8     "is_borrowed": true,
9     "platform": "OverDrive Read",
10    "published_year": 2010,
11    "title": "Me"
12  },
13  {
14    "author": "mahsa",
15    "edition": 5,
16    "genre": "kids",
17    "id": "2604",
18    "is_borrowed": false,
19    "platform": "Fast Read Ebooks",
20    "published_year": 2018,
21    "title": "Hello"
22  }
23  ],
24  "name": "Maryam",
25  "textbook": [
26    {
27      "author": "mina",
28      "cover_type": "paperback",
29      "edition": 12,
30      "id": "122SD",
31      "is_borrowed": true,
32      "published_year": 2001,
33      "subject": "language",
34      "title": "I know"
35    }
36  ]
37  }
```


DELETE by id fail:

The screenshot shows a REST client interface with the following details:

- Method:** DELETE
- URL:** http://127.0.0.1:5000/library_manager/book/awefareg34
- Status:** 404 NOT FOUND
- Time:** 11ms
- Size:** 175 B
- Body:** 1 Book not found.

KEY	VALUE	DESCRIPTION
Key	Value	Description

GET all success:

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://127.0.0.1:5000/library_manager/all
- Status:** 200 OK
- Time:** 31ms
- Size:** 1.09 KB
- Body:** JSON response showing a list of books and a user.

```
1 {
2   "ebook": [
3     {
4       "author": "Marina",
5       "edition": 4,
6       "genre": "kids",
7       "id": "26D3",
8       "is_borrowed": true,
9       "platform": "Fast Read Ebooks",
10      "published_year": 2010,
11      "title": "Me"
12    },
13    {
14      "author": "mahsa",
15      "edition": 5,
16      "genre": "kids",
17      "id": "26D4",
18      "is_borrowed": false,
19      "platform": "Fast Read Ebooks",
20      "published_year": 2018,
21      "title": "Hello"
22    }
23  ],
24   "name": "Maryam",
25   "textbook": [
```

```

26  {
27      "author": "maryam",
28      "cover_type": "paperback",
29      "edition": 12,
30      "id": "123A",
31      "is_borrowed": true,
32      "published_year": 2001,
33      "subject": "language",
34      "title": "knwo"
35  },
36  {
37      "author": "mina",
38      "cover_type": "paperback",
39      "edition": 12,
40      "id": "122SD",
41      "is_borrowed": true,
42      "published_year": 2001,
43      "subject": "language",
44      "title": "I know"
45  }
46  ]
47  }

```

GET by id success:

GET
http://127.0.0.1:5000/library_manager/book/123A
Send

Params
Authorization
Headers (7)
Body
Pre-request Script
Tests
Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body
Cookies
Headers (4)
Test Results
Status: 200 OK
Time: 13ms
Size: 333 B

Pretty
Raw
Preview
Visualize
JSON

```

1  {
2      "author": "maryam",
3      "cover_type": "paperback",
4      "edition": 12,
5      "id": "123A",
6      "is_borrowed": true,
7      "published_year": 2001,
8      "subject": "language",
9      "title": "knwo"
10 }

```

GET all ebooks success:

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://127.0.0.1:5000/library_manager/all/ebook
- Buttons:** Send, Params, Authorization, Headers (7), Body, Pre-request Script, Tests, Settings
- Query Params:** A table with columns KEY, VALUE, and DESCRIPTION. It contains one row: Key, Value, Description.
- Body:** The response is displayed in JSON format. It is a successful 200 OK response with a status of 200 OK, a time of 23ms, and a size of 561 B.
- JSON Response:**

```
[
  {
    "author": "Marina",
    "edition": 4,
    "genre": "kids",
    "id": "26D3",
    "is_borrowed": true,
    "platform": "Fast Read Ebooks",
    "published_year": 2010,
    "title": "Me"
  },
  {
    "author": "mahsa",
    "edition": 5,
    "genre": "kids",
    "id": "26D4",
    "is_borrowed": false,
    "platform": "Fast Read Ebooks",
    "published_year": 2018,
    "title": "Hello"
  }
]
```

GET all textbooks success:

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://127.0.0.1:5000/library_manager/all/textbook
- Status:** 200 OK
- Time:** 34ms
- Size:** 567 B

The response body is displayed in JSON format, showing an array of two textbook objects:

```
1 {
2   {
3     "author": "maryam",
4     "cover_type": "paperback",
5     "edition": 12,
6     "id": "123A",
7     "is_borrowed": true,
8     "published_year": 2001,
9     "subject": "language",
10    "title": "knwo"
11  },
12  {
13    "author": "mina",
14    "cover_type": "paperback",
15    "edition": 12,
16    "id": "122SD",
17    "is_borrowed": true,
18    "published_year": 2001,
19    "subject": "language",
20    "title": "I know"
21  }
22 }
```

GET by type fail:

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://127.0.0.1:5000/library_manager/all/book
- Send Button:** Blue button labeled "Send".
- Tabs:** Params, Authorization, Headers (7), Body, Pre-request Script, Tests, Settings.
- Query Params Table:**

KEY	VALUE	DESCRIPTION
Key	Value	Description
- Status Bar:** Status: 404 NOT FOUND, Time: 13ms, Size: 175 B.
- Body Tab:** Pretty, Raw, Preview, Visualize. Format: HTML.
- Response Body:**

```
1 Book not found.
```

GET all stat success:

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://127.0.0.1:5000/library_manager/all/stats
- Send Button:** Blue button labeled "Send".
- Tabs:** Params, Authorization, Headers (7), Body, Pre-request Script, Tests, Settings.
- Query Params Table:**

KEY	VALUE	DESCRIPTION
Key	Value	Description
- Status Bar:** Status: 200 OK, Time: 13ms, Size: 275 B.
- Body Tab:** Pretty, Raw, Preview, Visualize. Format: JSON.
- Response Body:**

```
1 {
2   "Number of books borrowed": 3,
3   "Number of books not borrowed": 1,
4   "Number of ebooks": 2,
5   "Number of textbooks": 2
6 }
```