POST textbook success:

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       "cover_type": "paperback",
 8       "subject": "language",
 9       "is_borrowed": true
10   }
```

Body   Cookies   Headers (4)   Test Results   Status: 200 OK   Time: 18ms   Size: 156 B

Pretty   Raw   Preview   Visualize   HTML ▼

```
 1    123A
```


POST textbook fail:

POST ▼ http://127.0.0.1:5000/library_manager/book   **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": "paperback",
 8       "subject": "language",
 9       "is_borrowed": true
10   }
```

Body   Cookies   Headers (4)   Test Results   Status: 400 BAD REQUEST   Time: 12ms   Size: 187 B

Pretty   Raw   Preview   Visualize   HTML ▼

```
 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": "26D3",
 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  ▼   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: 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  ▼   http://127.0.0.1:5000/library_manager/textbook/123D          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 ebook success:

PUT ebook verify success:

GET   http://127.0.0.1:5000/library_manager/book/26D3   **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: 15ms   Size: 329 B

Pretty   Raw   Preview   Visualize   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:

PUT   http://127.0.0.1:5000/library_manager/ebook/26Dsdf   **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: 15ms   Size: 176 B

Pretty   Raw   Preview   Visualize   HTML

```
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/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: 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 ▼

```
 6        "genre": "comics",
 7        "id": "26D3",
 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": "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": "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:

DELETE ▼ http://127.0.0.1:5000/library_manager/book/awefareg34 **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: 404 NOT FOUND Time: 11ms Size: 175 B

Pretty Raw Preview Visualize HTML ▼

```
1    Book not found.
```

GET all success:

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

Body Cookies Headers (4) Test Results

Status: 200 OK Time: 31ms Size: 1.09 KB

Pretty Raw Preview Visualize JSON ▼

```
 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:

```
GET          http://127.0.0.1:5000/library_manager/all/ebook          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: 23ms   Size: 561 B

Pretty   Raw   Preview   Visualize   JSON ▾

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

GET all textbooks success:

GET http://127.0.0.1:5000/library_manager/all/textbook **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: 34ms Size: 567 B

Pretty Raw Preview Visualize JSON ▾

```
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:

GET ▼ http://127.0.0.1:5000/library_manager/all/book   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: 13ms   Size: 175 B

Pretty   Raw   Preview   Visualize   HTML ▼

```
1    Book not found.
```

GET all stat success:

GET ▼ http://127.0.0.1:5000/library_manager/all/stats   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: 275 B

Pretty   Raw   Preview   Visualize   JSON ▼

```
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    }
```