



http://127.0.0.1:8

Explore

API Documentation v1

[Base URL: 127.0.0.1:8000/api]

<http://127.0.0.1:8000/swagger/?format=openapi>

API endpoints for the application

[Terms of service](#)[Contact the developer](#)[BSD License](#)

Schemes

HTTP

Authorize



Filter by tag

authors



GET /authors/

authors_list



Parameters

Try it out

No parameters

Responses

Response content type

application/json

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/authors/' \
  -H 'accept: application/json'
```

-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCIpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwizX
-H 'X-CSRFToken: I8inQgUUUHT09Bj99wEdHQljrHrKp4i'

Request URL

<http://127.0.0.1:8000/api/authors/>

Server response

Code	Details
200	<p>Response body</p> <pre>[{ "id": 1, "name": "J.K. Rowling", "bio": "J.K. Rowling is a British author, best known for the Harry Potter series, which became one of the best-selling book series in history. She has also written novels for adults, such as The Casual Vacancy and the Cormoran Strike series under the pseudonym Robert Galbraith." }, { "id": 2, "name": "George Orwell", "bio": "Eric Arthur Blair, known by his pen name George Orwell, was an English novelist, essayist, journalist, and critic. His works are known for their deep political insight and reflections on social injustice." }, { "id": 4, "name": "Leo Tolstoy", "bio": "Leo Tolstoy was a Russian writer, one of the greatest authors in world literature. He is known for his complex novels and philosophical works. He is also known for his deep moral and religious explorations." }, { "id": 5, "name": "Agatha Christie", "bio": "Agatha Christie was an English author best known for her detective novels, particularly those involving Hercule Poirot and Miss Marple. She is recognized as one of the best-selling authors of all time."}]</pre>
	<p>Download</p>

Response headers

```
allow: GET,HEAD,OPTIONS  
content-length: 1511  
content-type: application/json  
cross-origin-opener-policy: same-origin  
date: Fri, 20 Dec 2024 11:52:02 GMT  
referrer-policy: same-origin  
server: WSGIServer/0.2 CPython/3.12.4  
vary: Accept  
x-content-type-options: nosniff  
x-frame-options: DENY
```

Request duration

261 ms

Responses

Code	Description
200	

Code	Description
------	-------------

Example Value	Model
---------------	-------

```
[Author
  id
    ID integer
    title: ID
    readOnly: true
  name*
    Name string
    title: Name
    maxLength: 255
    minLength: 1
  bio
    Bio string
    title: Bio
    x-nullable: true

  ]]
```

GET /authors/{id}/

authors_read 

Parameters

Try it out

Name	Description
------	-------------

id * required	A unique integer value identifying this author.
----------------------	---

integer (path)	<input type="text" value="1"/>
-------------------	--------------------------------

Responses

Response content type

application/json

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/authors/1/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX
  -H 'X-CSRFToken: I8inQgUUiuHT09Bj99wEdHQljrHrKp4i'
```

Request URL

<http://127.0.0.1:8000/api/authors/1/>

Server response

Code	Details
------	---------

200

Response body

```
{
  "id": 1,
  "name": "J.K. Rowling",
  "bio": "J.K. Rowling is a British author, best known for the Harry Potter series, which became one of the best-selling book series in history. She has also written novels for adults, such as The Casual Vacancy and the Cormoran Strike series under the pseudonym Robert Galbraith."
}
```

[Download](#)**Response headers**

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 309
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:52:14 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

199 ms

Responses

Code	Description
------	-------------

200

Example Value Model

```
Author {
  id           integer
  title: ID
  readOnly: true
  name*        string
  title: Name
  maxLength: 255
  minLength: 1
  bio          string
  title: Bio
  x-nullable: true

}
```

PUT /authors/{id}/

authors_update ⌂ 🔒

Parameters[Try it out](#)

Name	Description
data * required	
object (body)	Example Value Model
	<pre>Author { name* string title: Name maxLength: 255 minLength: 1 bio string title: Bio x-nullable: true }</pre>
id * required	A unique integer value identifying this author.
integer (path)	1

Responses

Response content type

application/json

Curl

```
curl -X 'PUT' \
  'http://127.0.0.1:8000/api/authors/1/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwizX
  -H 'Content-Type: application/json' \
  -H 'X-CSRF_TOKEN: I8inQgUUiuHT09Bj99wEdHQljrHrKp4i' \
  -d '{
    "name": "J.K. Rowling",
    "bio": "J.K. Rowling is a British author, best known for the Harry Potter series, which became
  '"
```

Request URL

<http://127.0.0.1:8000/api/authors/1/>

Server response

Code	Details
200	<p>Response body</p> <pre>{ "id": 1, "name": "J.K. Rowling", "bio": "J.K. Rowling is a British author, best known for the Harry Potter series, w</pre>

[Download](#)

Code	Details
------	---------

```
    hich became one of the best-selling book"
}
```

Response headers

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 154
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:53:35 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

232 ms

Responses

Code	Description
------	-------------

200

Example Value [Model](#)

```
Author {
    id           integer
    title: ID
    readOnly: true
    name*        string
    title: Name
    maxLength: 255
    minLength: 1
    bio          string
    title: Bio
    x-nullable: true
}
```

[PATCH](#) /authors/{id}/

authors_partial_update [^](#) 

Parameters

[Try it out](#)

Name	Description
------	-------------

data * required

object [\(body\)](#) Example Value [Model](#)

Name	Description
	<pre>Author { name* string title: Name maxLength: 255 minLength: 1 bio string title: Bio x-nullable: true }</pre>
id * required integer <i>(path)</i>	A unique integer value identifying this author. <input type="text" value="1"/>

Responses

Response content type

application/json

Curl

```
curl -X 'PATCH' \
  'http://127.0.0.1:8000/api/authors/1/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwicXVtIjoiMjAxMDIwMDA0MSIsImF1ZCI6ImF1ZGllbmNlIiwiaWF0IjoxNjE4OTQyODk4fQ==' \
  -H 'Content-Type: application/json' \
  -H 'X-CSRFToken: I8inQgUUiUHT09Bj99wEdHQljrHrKp4i' \
  -d '{
    "name": "J.K. Rowling",
    "bio": "J.K. Rowling is a British author"
}'
```

Request URL
<http://127.0.0.1:8000/api/authors/1/>
Server response

Code	Details
200	<p>Response body</p> <pre>{ "id": 1, "name": "J.K. Rowling", "bio": "J.K. Rowling is a British author" }</pre> <p>Download</p> <p>Response headers</p> <pre>allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS content-length: 71 content-type: application/json</pre>

Code	Details
------	---------

```

cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:54:33 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY

```

Request duration

273 ms

Responses

Code	Description
------	-------------

200

Example Value Model

```

Author {
    id           integer
    title: ID
    readOnly: true
    name*        string
    title: Name
    maxLength: 255
    minLength: 1
    bio          string
    title: Bio
    x-nullable: true
}

```

DELETE /authors/{id}/

authors_delete ⚡ 🔒

Parameters**Try it out**

Name	Description
------	-------------

id * requiredinteger
(path)

A unique integer value identifying this author.

4

Responses

Response content type

application/json

Curl

```
curl -X 'DELETE' \
'http://127.0.0.1:8000/api/authors/4/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX \
-H 'X-CSRFToken: I8inQgUUUH09Bj99wEdHQljrHrKp4i'
```

Request URL

<http://127.0.0.1:8000/api/authors/4/>

Server response

Code	Details
------	---------

204	Response headers
-----	-------------------------

allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 0
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:54:47 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY

Request duration

259 ms

Responses

Code	Description
------	-------------

204

books



GET /books/

books_list

Parameters

[Cancel](#)

No parameters

[Execute](#)

[Clear](#)

Responses

Response content type

application/json

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/api/books/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX \
-H 'X-CSRF_TOKEN: I8inQgUUUiUHT09Bj99wEdHQljrHrKp4i'
```

Request URL

<http://127.0.0.1:8000/api/books/>

Server response

Code	Details
200	Response body

```
[  
  {  
    "id": 5,  
    "title": "psychology",  
    "author": 5,  
    "author_name": "Agatha Christie",  
    "isbn": 11224444,  
    "total_copies": 5,  
    "available_copies": 5,  
    "category": 3,  
    "category_name": "scientific books",  
    "price": 300,  
    "created_by": 1,  
    "copy_isbns": [  
      "112244444000001",  
      "112244444000002",  
      "112244444000003",  
      "112244444000004",  
      "112244444000005",  
      null  
    ],  
    "published_date": "2024-12-01"  
  },  
  {  
    "id": 6,  
    "title": "20harrypoter",  
    "author": 1,  
    "author_name": "J.K. Rowling",  
  }
```

[Download](#)

Response headers

```
allow: GET,POST,HEAD,OPTIONS  
content-length: 926  
content-type: application/json  
cross-origin-opener-policy: same-origin  
date: Fri, 20 Dec 2024 11:43:41 GMT  
referrer-policy: same-origin  
server: WSGIServer/0.2 CPython/3.12.4  
vary: Accept  
x-content-type-options: nosniff  
x-frame-options: DENY
```

Request duration

169 ms

Responses

Code	Description
------	-------------

200

Example Value Model

```
[Book {
  id
    ID integer
    title: ID
    readOnly: true
  title*
    Title string
    title: Title
    maxLength: 255
    minLength: 1
  author*
    Author integer
    title: Author
  author_name
    Author name string
    title: Author name
    readOnly: true
    minLength: 1
  isbn*
    Isbn integer
    title: Isbn
    maximum: 99999999
    minimum: 10000000
  total_copies
    Total copies integer
    title: Total copies
    maximum: 9223372036854776000
    minimum: 0
  available_copies
    Available copies integer
    title: Available copies
    maximum: 9223372036854776000
    minimum: 0
  category*
    Category integer
    title: Category
  category_name
    Category name string
    title: Category name
    readOnly: true
    minLength: 1
  price*
    Price integer
    title: Price
    maximum: 9223372036854776000
    minimum: 0
  created_by
    Created by integer
    title: Created by
    x-nullable: true
  copy_isbns
    Copy isbns {
      }
  published_date*
    Published date string($date)
    title: Published date
  }]
}
```

POST /books/ books_create ^ 🔒

Parameters

Name Description

data * required

object Edit Value Model
(body)

```
{  
    "title": "harry poter3",  
    "author": 1,  
    "isbn": 23232323,  
    "total_copies": 30,  
    "available_copies": 30,  
    "category": 2,  
    "price": 250,  
    "created_by": 3,  
    "copy_isbns": {},  
    "published_date": "2024-12-2"  
}
```

Cancel

Parameter content type
application/json

Execute Clear

Responses

Response content type application/json

Curl

```
curl -X 'POST' \  
  'http://127.0.0.1:8000/api/books/' \  
  -H 'accept: application/json' \  
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX  
  -H 'Content-Type: application/json' \  
  -H 'X-CSRFToken: I8inQgUUiuHT09Bj99wEdHQljrHrKp4i' \  
  -d '{  
    "title": "harry poter3",  
    "author": 1,  
    "isbn": 23232323,
```

```
"total_copies": 30,  
"available_copies": 30,  
"category": 2,  
"price": 250,  
"created_by": 3,  
"copy_isbns": {},  
"published_date": "2024-12-2"  
}'
```

Request URL

<http://127.0.0.1:8000/api/books/>

Server response

Code Details

201

Response body

```
"23232323000006",  
"23232323000007",  
"23232323000008",  
"23232323000009",  
"23232323000010",  
"23232323000011",  
"23232323000012",  
"23232323000013",  
"23232323000014",  
"23232323000015",  
"23232323000016",  
"23232323000017",  
"23232323000018",  
"23232323000019",  
"23232323000020",  
"23232323000021",  
"23232323000022",  
"23232323000023",  
"23232323000024",  
"23232323000025",  
"23232323000026",  
"23232323000027",  
"23232323000028",  
"23232323000029",  
"23232323000030"  
,  
"published_date": "2024-12-02"  
}
```

Download

Response headers

```
allow: GET,POST,HEAD,OPTIONS  
content-length: 760  
content-type: application/json  
cross-origin-opener-policy: same-origin  
date: Fri, 20 Dec 2024 11:46:17 GMT  
referrer-policy: same-origin  
server: WSGIServer/0.2 CPython/3.12.4  
vary: Accept  
x-content-type-options: nosniff  
x-frame-options: DENY
```

Request duration

172 ms

Responses

Code	Description
------	-------------

201

Example Value Model

```

Book {
    id
        integer
        title: ID
        readOnly: true
    title*
        string
        title: Title
        maxLength: 255
        minLength: 1
    author*
        integer
        title: Author
    author_name
        string
        title: Author name
        readOnly: true
        minLength: 1
    isbn*
        integer
        title: Isbn
        maximum: 99999999
        minimum: 10000000
    total_copies
        integer
        title: Total copies
        maximum: 9223372036854776000
        minimum: 0
    available_copies
        integer
        title: Available copies
        maximum: 9223372036854776000
        minimum: 0
    category*
        integer
        title: Category
    category_name
        string
        title: Category name
        readOnly: true
        minLength: 1
    price*
        integer
        title: Price
        maximum: 9223372036854776000
        minimum: 0
    created_by
        integer
        title: Created by
        x-nullable: true
    copy_isbns
        Copy isbns {
            published_date*
                }
                string($date)
                title: Published date
}

```

GET /books/{id}/

books_read ^ **Parameters** Cancel

Name	Description
id * required integer (path)	A unique integer value identifying this book. <input type="text" value="6"/>

ExecuteClear

Responses

Response content type

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/books/6/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwic2lkIjoiMjAxMjEwMDAwMCIsInNjb3BlcyI6WyJhcGlfcmVhZCJdfQ' \
  -H 'X-CSRFToken: I8inQgUUiUHT09Bj99wEdHQljrHrKp4i'
```

Request URL

<http://127.0.0.1:8000/api/books/6/>

Server response

Code	Details
200	Response body <pre>"category": 3, "category_name": "scientific books", "price": 200, "created_by": 3, "copy_isbns": ["11554422000001", "11554422000002", "11554422000003", "11554422000004", "11554422000005", "11554422000006", "11554422000007", "11554422000008", "11554422000009", "11554422000010", "11554422000011",</pre>

Code

```
"11554422000020"
],
"published_date": "2024-12-01"
\
```

Download**Response headers**

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 587
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri,20 Dec 2024 11:45:53 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

149 ms

Responses**Code Description**

200

[Example](#) [Value](#) [Model](#)

Code	Description
------	-------------

```

Book {
    id
        integer
        title: ID
        readOnly: true
    title*
        string
        title: Title
        maxLength: 255
        minLength: 1
    author*
        integer
        title: Author
    author_name
        string
        title: Author name
        readOnly: true
        minLength: 1
    isbn*
        integer
        title: Isbn
        maximum: 99999999
        minimum: 10000000
    total_copies
        integer
        title: Total copies
        maximum: 9223372036854776000
        minimum: 0
    available_copies
        integer
        title: Available copies
        maximum: 9223372036854776000
        minimum: 0
    category*
        integer
        title: Category
    category_name
        string
        title: Category name
        readOnly: true
        minLength: 1
    price*
        integer
        title: Price
        maximum: 9223372036854776000
        minimum: 0
    created_by
        integer
        title: Created by
        x-nullable: true
    copy_isbns
        Copy isbns {
            published_date*
                string($date)
                title: Published date
        }
}

```

PUT /books/{id}/

books_update ⌂ 🔒

Parameters

Cancel

Name	Description
------	-------------

data * required

object
(body)

Edit Value Model

Name	Description
	{ "id": 6, "title": "20harrypoter", "author": 1, "author_name": "J.K. Rowling", "isbn": 11554422, "total_copies": 20, "available_copies": 20, "category": 3, "category_name": "scientific books", "price": 200, "created_by": 3, "copy_isbns": {}, "published_date": "2024-12-20" }

Cancel

Parameter content type

application/json

id * required

integer

(path)

A unique integer value identifying this book.

6

Execute

Clear

Responses

Response content type

application/json

Curl

```
curl -X 'PUT' \
'http://127.0.0.1:8000/api/books/6/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwicZX
-H 'Content-Type: application/json' \
-H 'X-CSRF_TOKEN: I8inQgUUiuHT09Bj99wEdHQljrHrKp4i' \
-d '{
"id": 6,
"title": "20harrypoter",
"author": 1,
"author_name": "J.K. Rowling",
"isbn": 11554422,
"total_copies": 20,
"available_copies": 20,
"category": 3,
"category_name": "scientific books",
```

```
"price": 200,  
"created_by": 3,  
"created_by": 3,  
"copy_isbns": {},  
"published_date": "2024-12-20"  
}'
```

Request URL

<http://127.0.0.1:8000/api/books/6/>

Server response

Code Details

200

Response body

```
"category": 3,  
"category_name": "scientific books",  
"price": 200,  
"created_by": 3,  
"copy_isbns": [  
    "11554422000001",  
    "11554422000002",  
    "11554422000003",  
    "11554422000004",  
    "11554422000005",  
    "11554422000006",  
    "11554422000007",  
    "11554422000008",  
    "11554422000009",  
    "11554422000010",  
    "11554422000011",  
    "11554422000012",  
    "11554422000013",  
    "11554422000014",  
    "11554422000015",  
    "11554422000016",  
    "11554422000017",  
    "11554422000018",  
    "11554422000019",  
    "11554422000020"  
],  
"published_date": "2024-12-20"  
}'
```

[Download](#)

Response headers

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS  
content-length: 587  
content-type: application/json  
cross-origin-opener-policy: same-origin  
date: Fri, 20 Dec 2024 11:48:28 GMT  
referrer-policy: same-origin  
server: WSGIServer/0.2 CPython/3.12.4  
vary: Accept  
x-content-type-options: nosniff  
x-frame-options: DENY
```

Request duration

267 ms

Responses

Code	Description
------	-------------

200

Example Value Model

```

Book {
    id
        integer
        title: ID
        readOnly: true
    title*
        string
        title: Title
        maxLength: 255
        minLength: 1
    author*
        integer
        title: Author
    author_name
        string
        title: Author name
        readOnly: true
        minLength: 1
    isbn*
        integer
        title: Isbn
        maximum: 99999999
        minimum: 10000000
    total_copies
        integer
        title: Total copies
        maximum: 9223372036854776000
        minimum: 0
    available_copies
        integer
        title: Available copies
        maximum: 9223372036854776000
        minimum: 0
    category*
        integer
        title: Category
    category_name
        string
        title: Category name
        readOnly: true
        minLength: 1
    price*
        integer
        title: Price
        maximum: 9223372036854776000
        minimum: 0
    created_by
        integer
        title: Created by
        x-nullable: true
    copy_isbns
        Copy isbns {
            published_date*
                string($date)
                title: Published date
        }
}

```

PATCH /books/{id}/

books_partial_update ⌂ 🔒

Parameters

Cancel

Name	Description
------	-------------

data * required

object
(body)

{}

Cancel

Parameter content type

application/json

id * required

integer
(path)

A unique integer value identifying this book.

7

ExecuteClear**Responses**

Response content type

application/json

Curl

```
curl -X 'PATCH' \
'http://127.0.0.1:8000/api/books/7/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwic2lkIjoiMjAxNC0xMDA0LTAwMDAwMCIsImF1ZCI6ImFkbWluIiwiaWF0IjoxNjQyNjEwOTk4fQ==' \
-H 'Content-Type: application/json' \
-H 'X-CSRFToken: I8inQgUUiuHT09Bj99wEdHQljrHrKp4i' \
-d '{}'
```

Request URL

<http://127.0.0.1:8000/api/books/7/>

Server response

Code	Details
------	---------

200

Response body

```
"23232323000006",
"23232323000007",
"23232323000008",
"23232323000009",
"23232323000010",
"23232323000011",
"23232323000012",
"23232323000013",
"23232323000014",
"23232323000015",
"23232323000016",
"23232323000017",
"23232323000018",
"23232323000019",
"23232323000020",
"23232323000021",
"23232323000022",
"23232323000023",
"23232323000024",
"23232323000025",
"23232323000026",
"23232323000027",
"23232323000028",
"23232323000029",
"23232323000030"
],
"published_date": "2024-12-02"
}
```

[Download](#)

Response headers

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 760
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:50:58 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

235 ms

Responses

Code	Description
------	-------------

200

Example Value Model

Code	Description
------	-------------

```

Book    {
    id
        integer
        title: ID
        readOnly: true
    title*
        string
        title: Title
        maxLength: 255
        minLength: 1
    author*
        integer
        title: Author
    author_name
        string
        title: Author name
        readOnly: true
        minLength: 1
    isbn*
        integer
        title: Isbn
        maximum: 99999999
        minimum: 10000000
    total_copies
        integer
        title: Total copies
        maximum: 9223372036854776000
        minimum: 0
    available_copies
        integer
        title: Available copies
        maximum: 9223372036854776000
        minimum: 0
    category*
        integer
        title: Category
    category_name
        string
        title: Category name
        readOnly: true
        minLength: 1
    price*
        integer
        title: Price
        maximum: 9223372036854776000
        minimum: 0
    created_by
        integer
        title: Created by
        x-nullable: true
    copy_isbns
        Copy isbns    {
            published_date*
                string($date)
                title: Published date
        }
}

```

DELETE /books/{id}/

books_delete ⌂ 🔒

Cancel

Parameters

Name	Description
------	-------------

id * required integer (path)	A unique integer value identifying this book.
---	---

Name	Description
5	

ExecuteClear

Responses

Response content type

application/json

Curl

```
curl -X 'DELETE' \
  'http://127.0.0.1:8000/api/books/5/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXBIIjoiYWNjZXNzIiwidX
  -H 'X-CSRFToken: I8inQgUUiUHT09Bj99wEdHQljrHrKp4i'
```

Request URL

http://127.0.0.1:8000/api/books/5/

Server response

Code	Details
204	Response headers

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 0
cross-origin-opener-policy: same-origin
date: Fri,20 Dec 2024 11:51:28 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

348 ms

Responses

Code	Description
204	

borrow-records



PATCH /borrow-records/{id}/approve/

borrow-records_approve_partial_update ^ 🔒

Parameters

[Try it out](#)

Name Description

id * required

string

(path)

id

Responses

Response content type

application/json

Code Description

200

borrow ^

POST /borrow/

borrow_create ^ 🔒

Parameters

[Cancel](#)

Name Description

data * required

object

Edit Value Model

(body)

Name	Description
------	-------------

```
{  
    "book": 2,  
    "borrowed_by": 3,  
    "return_date": "2024-12-23",  
    "fine": "",  
    "status": "pending"  
}
```

[Cancel](#)

Parameter content type

application/json

[Execute](#)

[Clear](#)

Responses

Response content type

application/json

Curl

```
curl -X 'POST' \  
  'http://127.0.0.1:8000/api/borrow/' \  
  -H 'accept: application/json' \  
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX  
  -H 'Content-Type: application/json' \  
  -H 'X-CSRFToken: I8inQgUUiUHT09Bj99wEdHQljrHrKp4i' \  
  -d '{  
    "book": 2,  
    "borrowed_by": 3,  
    "return_date": "2024-12-23",  
    "fine": "",  
    "status": "pending"  
  }'
```

Request URL

http://127.0.0.1:8000/api/borrow/

Server response

Code	Details
201	<p>Response body</p> <pre>{ "id": 7, "book": 2, "book_title": "Harry Potter and the Chamber of Secrets", "borrowed_by": 3, "borrowed_by_email": "shubhambharambe15@gmail.com", "borrow_date": "2024-12-20", "return_date": "2024-12-23", "fine": "0.00", "status": "pending" }</pre> <p>Download</p>

Response headers

```
allow: POST,OPTIONS  
content-length: 225  
content-type: application/json  
cross-origin-opener-policy: same-origin  
date: Fri,20 Dec 2024 11:25:32 GMT  
referrer-policy: same-origin  
server: WSGIServer/0.2 CPython/3.12.4  
vary: Accept  
x-content-type-options: nosniff  
x-frame-options: DENY
```

Request duration

122 ms

Responses

Code	Description
201	<p>Example Value Model</p>

Code	Description
------	-------------

```

BorrowRecord {
    id
        integer
        title: ID
        readOnly: true

    book*
        integer
        title: Book
        string
        title: Book title
        readOnly: true
        minLength: 1

    borrowed_by*
        integer
        title: Borrowed by
        string($email)
        title: Borrowed by email
        readOnly: true
        minLength: 1

    borrowed_by_email
        string($date)
        title: Borrow date
        readOnly: true

    borrow_date
        string($date)
        title: Return date
        x-nullable: true

    return_date
        string($date)
        title: Return date
        x-nullable: true

    fine
        string($decimal)
        title: Fine
        x-nullable: true

    status
        string
        title: Status
        Enum:
            Array [ 3 ]
}

}

```

PUT /borrow/{id}/return/

borrow_return_update ⌂ 🔒

Parameters

[Cancel](#)

Name	Description
------	-------------

id * requiredstring
(path)

6

[Execute](#)[Clear](#)

Responses

Response content type

application/json

Curl

```
curl -X 'PUT' \
'http://127.0.0.1:8000/api/borrow/6/return/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX \
-H 'X-CSRF_TOKEN: I8inQgUUUH09Bj99wEdHQljrHrKp4i'
```

Request URL

<http://127.0.0.1:8000/api/borrow/6/return/>

Server response

Code	Details
------	---------

400 *Undocumented* **Error: Bad Request**

Response body

```
{
  "error": "This book has already been returned."
}
```

[Download](#)

Response headers

```
allow: PUT,OPTIONS
content-length: 48
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:27:57 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Responses

Code	Description
------	-------------

200

categories



GET /categories/

categories_list [^](#)

Parameters

[Cancel](#)

No parameters

[Execute](#)

[Clear](#)

Responses

Response content type

application/json**Curl**

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/categories/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX \
  -H 'X-CSRFToken: I8inQgUUiUHT09Bj99wEdHQljrHrKp4i'
```

Request URL

<http://127.0.0.1:8000/api/categories/>

Server response**Code****Details**

200

Response body

```
[
  {
    "id": 1,
    "name": "Story Book",
    "description": "Story Books"
  },
  {
    "id": 2,
    "name": "inspirational books",
    "description": "inspirational books"
  },
  {
    "id": 3,
    "name": "scientific books",
    "description": "scientific books"
  },
  {
    "id": 4,
    "name": "social books",
    "description": "social books"
  },
  {
    "id": 5,
    "name": "research books",
    "description": "research books"
  },
  {
    "id": 6,
```

[Download](#)**Response headers**

```
allow: GET,POST,HEAD,OPTIONS
content-length: 544
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:28:16 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

Code **Details**

85 ms

Responses**Code** **Description**

200

Example Value **Model**

```
[Category {
    id          ID   integer
    title: ID
    readOnly: true
    name*       Name  string
    title: Name
    maxLength: 50
    minLength: 1
    description Description string
    title: Description
    maxLength: 100
    x-nullable: true
}]
```

POST /categories/

categories_create ^ **Parameters** Cancel**Name** **Description****data** * requiredobject Edit Value Model
(body)

Name	Description
------	-------------

```
{  
    "name": "Historical",  
    "description": "Historical books"  
}
```

[Cancel](#)

Parameter content type

application/json

[Execute](#)

[Clear](#)

Responses

Response content type

application/json

Curl

```
curl -X 'POST' \  
  'http://127.0.0.1:8000/api/categories/' \  
  -H 'accept: application/json' \  
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX  
  -H 'Content-Type: application/json' \  
  -H 'X-CSRFToken: I8inQgUUUHT09Bj99wEdHQljrHrKp4i' \  
  -d '{  
    "name": "Historical",  
    "description": "Historical books"  
}'
```

Request URL

<http://127.0.0.1:8000/api/categories/>

Server response

Code	Details
------	---------

201

Response body

```
{
  "id": 9,
  "name": "Historical",
  "description": "Historical books"
}
```

[Download](#)**Response headers**

```
allow: GET,POST,HEAD,OPTIONS
content-length: 61
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri,20 Dec 2024 11:29:16 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

121 ms

Responses

Code	Description
------	-------------

201

Example Value Model

```
Category {
  id           integer
  title: ID
  readOnly: true
  name*        string
  title: Name
  maxLength: 50
  minLength: 1
  description  string
  title: Description
  maxLength: 100
  x-nullable: true
}
```

GET /categories/{id}/

categories_read ⌂ 🔒

Parameters[Cancel](#)

Name	Description
id * required integer (path)	A unique integer value identifying this category. <input type="text" value="1"/>

[Execute](#)[Clear](#)

Responses

Response content type

[application/json](#)

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/categories/1/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwic2lkIjoiMjAxMjEwMDAwMCIsInNjb3BlcyI6WyJhcGlfcmVhZCJdfQ.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6ImltYWdlciBvZiIsImV4cCI6MTYxMjUyNjUwOH0' \
  -H 'X-CSRFToken: I8inQgUUiUHT09Bj99wEdHQljrHrKp4i'
```

Request URL

<http://127.0.0.1:8000/api/categories/1/>

Server response

Code Details

200

Response body

```
{  
  "id": 1,  
  "name": "Story Book",  
  "description": "Story Books"  
}
```

[Download](#)

Response headers

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS  
content-length: 56  
content-type: application/json  
cross-origin-opener-policy: same-origin  
date: Fri, 20 Dec 2024 11:29:33 GMT  
referrer-policy: same-origin  
server: WSGIServer/0.2 CPython/3.12.4  
vary: Accept  
x-content-type-options: nosniff  
x-frame-options: DENY
```

Request duration

96 ms

Responses

Code	Description
------	-------------

200

Example Value [Model](#)

```
Category {  
    id      integer  
    title: ID  
    readOnly: true  
    name*   string  
    title: Name  
    maxLength: 50  
    minLength: 1  
    description string  
    title: Description  
    maxLength: 100  
    x-nullable: true  
  
}
```

PUT /categories/{id}/

categories_update ⌂ 🔒

Parameters[Cancel](#)

Name	Description
------	-------------

data * requiredobject [Edit Value](#) [Model](#)
(body)

```
{  
    "name": "social ",  
    "description": "social books"  
}
```

[Cancel](#)

Parameter content type

Name	Description
	<code>application/json</code>
id * required integer (path)	A unique integer value identifying this category. <input type="text" value="1"/>
	Execute Clear

Responses	Response content type	<code>application/json</code>
-----------	-----------------------	-------------------------------

Curl

```
curl -X 'PUT' \
  'http://127.0.0.1:8000/api/categories/1/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX
  -H 'Content-Type: application/json' \
  -H 'X-CSRFToken: I8inQgUUUHT09Bj99wEdHQljrHrKp4i' \
  -d '{
    "name": "social",
    "description": "social books"
  }'
```

Request URL

<http://127.0.0.1:8000/api/categories/1/>

Server response

Code	Details
200	Response body <pre>{ "id": 1, "name": "social", "description": "social books" }</pre> <div style="float: right;">Download</div> Response headers <pre>allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS content-length: 53 content-type: application/json cross-origin-opener-policy: same-origin date: Fri, 20 Dec 2024 11:32:30 GMT referrer-policy: same-origin server: WSGIServer/0.2 CPython/3.12.4 vary: Accept x-content-type-options: nosniff</pre>

Code**Details**

```
x-frame-options: DENY
```

Request duration

131 ms

Responses**Code****Description**

200

Example Value [Model](#)

```
Category {
    id           integer
    title: ID
    readOnly: true
    name*        string
    title: Name
    maxLength: 50
    minLength: 1
    description  string
    title: Description
    maxLength: 100
    x-nullable: true

}
```

PATCH

/categories/{id}/

categories_partial_update 



Cancel

Parameters**Name****Description**

data * required

object

[Edit Value](#) [Model](#)

(body)

Name	Description
	{ "name": "social ", "description": "social books" }

Cancel

Parameter content type

application/json

id * required
integer
(path)

A unique integer value identifying this category.

1

Execute

Clear

Responses

Response content type

application/json

Guru

```
curl -X 'PATCH' \
  'http://127.0.0.1:8000/api/categories/1/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwizX \
  -H 'Content-Type: application/json' \
  -H 'X-CSRF_TOKEN: I8inQgUUiuHT09Bj99wEdHQljrHrKp4i' \
  -d '{
  "name": "social",
  "description": "social books"
}'
```

Request URL

<http://127.0.0.1:8000/api/categories/1/>

Server response

Code	Details
------	---------

200

Response body

```
{
  "id": 1,
  "name": "social",
  "description": "social books"
}
```

[Download](#)**Response headers**

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 53
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri,20 Dec 2024 11:33:33 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

129 ms

Responses

Code	Description
------	-------------

200

[Example Value](#) [Model](#)

```
Category {
  id           integer
  title: ID
  readOnly: true
  name*        string
  title: Name
  maxLength: 50
  minLength: 1
  description  string
  title: Description
  maxLength: 100
  x-nullable: true

}
```

DELETE /categories/{id}/**categories_delete**  **Parameters**[Cancel](#)

Name	Description
id * required integer (path)	A unique integer value identifying this category. <input type="text" value="1"/>

ExecuteClear

Responses

Response content type

application/json

Curl

```
curl -X 'DELETE' \
  'http://127.0.0.1:8000/api/categories/1/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwic2lkIjoiMjAxMjEwMDAwMCIsInNjb3BlcyI6WyJhcGlfcmVhZCJdfQ' \
  -H 'X-CSRFToken: I8inQgUUiUHT09Bj99wEdHQljrHrKp4i'
```

Request URL

http://127.0.0.1:8000/api/categories/1/

Server response

Code Details

204

Response headers

```
allow: GET,PUT,PATCH,DELETE,HEAD,OPTIONS
content-length: 0
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:33:50 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

159 ms

Responses

Code Description

204

reports



POST /reports/

reports_create

[Cancel](#)

Parameters

No parameters

[Execute](#)[Clear](#)

Responses

Response content type

[application/json](#)

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/reports/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX
  -H 'X-CSRFToken: I8inQgUUUiUHT09Bj99wEdHQljrHrKp4i' \
  -d ''
```

Request URL

<http://127.0.0.1:8000/api/reports/>

Server response

Code	Details
202	

Undocumented Response body

```
{  
  "message": "Report generation started.",  
  "task_id": "ece4fa8d-6ed7-49db-8b0d-967329c2134b"
```

[Download](#)

Response headers

```
allow: POST,OPTIONS  
content-length: 89  
content-type: application/json  
cross-origin-opener-policy: same-origin  
date: Fri, 20 Dec 2024 11:34:02 GMT  
referrer-policy: same-origin  
server: WSGIServer/0.2 CPython/3.12.4  
vary: Accept  
x-content-type-options: nosniff  
x-frame-options: DENY
```

Request duration

Code **Details**

1233 ms

Responses
Code **Description**

201

GET /reports/latest/reports_latest_list ^ **Parameters****Cancel**

No parameters

Execute**Clear****Responses**

Response content type

application/json

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/reports/latest/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwidX \
  -H 'X-CSRFToken: I8inQgUUiuHT09Bj99wEdHQljrHrKp4i'
```

Request URL

http://127.0.0.1:8000/api/reports/latest/

Server response
Code **Details**

200

Response body

```
{
  "msg": "Library_Report",
  "total_authors": 7,
  "total_books": 1,
  "books_currently_borrowed": 0
}
```

Download**Response headers**

allow: GET,HEAD,OPTIONS
 content-length: 94
 content-type: application/json

Code **Details**

```
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:37:35 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY
```

Request duration

385 ms

Responses**Code** **Description**

200

token

**POST** /token/**token_create**

Takes a set of user credentials and returns an access and refresh JSON web token pair to prove the authentication of those credentials.

Parameters**Cancel****Name** **Description****data * required**

object [Edit Value](#) [Model](#)
(body)

Name	Description
------	-------------

```
{  
    "email": "shubhambharambe15@gmail.com",  
    "password": "SHUbham@9070"  
}
```

[Cancel](#)

Parameter content type

application/json

[Execute](#)

[Clear](#)

Responses

Response content type

application/json

Curl

```
curl -X 'POST' \  
  'http://127.0.0.1:8000/api/token/' \  
  -H 'accept: application/json' \  
  -H 'Content-Type: application/json' \  
  -H 'X-CSRFToken: I8inQgUUUHT09Bj99wEdHQljrHrKp4i' \  
  -d '{  
    "email": "shubhambharambe15@gmail.com",  
    "password": "SHUbham@9070"  
}'
```

Request URL

http://127.0.0.1:8000/api/token/

Server response

Code	Details
------	---------

200

Undocumented

Response body

Code	Details
------	---------

```
{
    "refresh": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoicmVmcmVzaC1sImV4cCI6MTczNDc3OTIwNCwiaWF0IjoxNzM0NjkyODA0LCJqdGkiOiI1ZTkzOWI5Y2Q1ZGQ0ODVmYjgyNzQyY2IxODkxYzNjYyIsInVzZXJfaWQiOjN9.1AUcg8mNeb5N4DVxZzj5Bn6S6XUSMVExQIwkuDnS0s4",
    "access": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0b2tlbl90eXB1IjoiYWNjZXNzIiwizXhwIjoxNzM0Njk1ODA0LCJpYXQiOjE3MzQ2OTI4MDQsImp0aSI6ImRmM2E0ZTJjOTU1MjAwOGY5Vi9lZi7i7tvhYTA1OTEwIiwidXNlc19pZCI6M30.Z1PXnoFt-HrlE11YqU-cJCF3sZ79ggfwCRiE0aj" Download
}
```

Response headers

allow: POST,OPTIONS
content-length: 483
content-type: application/json
cross-origin-opener-policy: same-origin
date: Fri, 20 Dec 2024 11:06:44 GMT
referrer-policy: same-origin
server: WSGIServer/0.2 CPython/3.12.4
vary: Accept
x-content-type-options: nosniff
x-frame-options: DENY

Request duration

1192 ms

Responses

Code	Description
------	-------------

201

Example Value Model

```
TokenObtainPair {
    email*           string
                    title: Email
                    minLength: 1
    password*        string
                    title: Password
                    minLength: 1
}
```

POST /token/refresh/

token_refresh_create  

Models

