

## OpenAPI definition v0 OAS3

[/api-docs](#)

## Servers

http://localhost:8080 - Generated server url



### user-controller

[PUT /api/v1/user/update/{email}](#)


## Parameters

[Try it out](#)

Name	Description
email * required	email
string (path)	

Request body required

application/json



Example Value | Schema

```
{
  "firstName": "string",
  "lastName": "string",
  "phoneNumber": "string",
  "address": "string",
  "favoriteWord": "string"
}
```

## Responses

Code	Description	Links
200	OK	No links

Media type

/\*  
Controls Accept header.

Example Value | Schema

```
{
  "additionalProp1": {},
  "additionalProp2": {},
  "additionalProp3": {}
}
```

[GET /api/v1/user/membershipNo](#)


## Parameters

[Try it out](#)

Name	Description
membershipID * required	membershipID
string (query)	

## Responses

Code	Description	Links
200	OK	No links

Media type

/\*  
Controls Accept header.

Example Value | Schema

**Code**

```

    "copies": 0,
    "copies_out": 0,
    "copies_available": 0,
    "reservations": [
      "string"
    ],
    "available": true
  },
  "reservationDate": "2023-11-03T18:19:20.939Z",
  "reservationExpireDate": "2023-11-03T18:19:20.939Z",
  "readyForPickup": true
],
"status": "PENDING",
"password": "string",
"enabled": true,
"username": "string",
"accountNonExpired": true,
"accountNonLocked": true,
"credentialsNonExpired": true
}
  
```

**GET /api/v1/user/email/{email}**

**Parameters**

**Name** **Description**

email <small>* required</small>	email
string	(path)

**Responses**

**Code** **Description** **Links**

200	OK	No links
-----	----	----------

Media type

/\*

Controls Accept header.

Example Value | Schema

```
{
  "id": 0,
  "membershipNo": "string",
  "firstName": "string",
  "lastName": "string",
  "email": "string",
  "phoneNumber": "string",
  "address": "string",
  "dob": "2023-11-03T18:19:20.944Z",
  "favoriteWord": "string",
  "authorities": [
    {
      "authority": "string"
    }
  ],
  "reservations": [
    {
      "id": 0,
      "user": "string",
      "reservedBook": {
        "id": 0,
        "title": "string",
        "author": "string",
        "publisher": "string",
        "isbn": "string"
      }
    }
  ]
}
```

## admin-controller

**PUT /api/v1/admin/update/role/{email}**

**Parameters**

**Name** **Description**

email <small>* required</small>	email
string	(path)

**Request body** required

application/json

Example Value | Schema

```
{
  "role": "string"
}
```

**Responses**

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px;">*/*</div> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>{   "additionalProp1": {},   "additionalProp2": {},   "additionalProp3": {} }</pre>	No links

---

PUT
/api/v1/admin/catalog/update/isbn/{book\_ISBN}
Try it out

**Parameters**

Name	Description
book_ISBN * required	book_ISBN string (path)

**Request body** required

application/json

[Example Value](#) | [Schema](#)

```
{
  "title": "string",
  "publisher": "string",
  "author": "string",
  "pub_year": 0,
  "isbn": "string",
  "copies": 0
}
```

---

**Responses**

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px;">*/*</div> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>0</pre>	No links

---

PUT
/api/v1/admin/catalog/update/id/{book\_ID}
Try it out

**Parameters**

Name	Description
book_ID * required	book_ID integer(\$int64) (path)

**Request body** required

application/json

[Example Value](#) | [Schema](#)

```
{
  "title": "string",
  "publisher": "string",
  "author": "string",
  "pub_year": 0,
  "isbn": "string",
  "copies": 0
}
```

---

**Responses**

Code	Description	Links
200	OK	No links

**Code** **Description** **Links**

Media type  
\*/\*  
Controls Accept header.

Example Value | Schema

```
0
```

---

**POST** /api/v1/admin/loanBook-management/return-book ^

**Parameters** Try it out

No parameters

**Request body** required application/json

Example Value | Schema

```
{
  "user_email": "string",
  "book_title_1": "string",
  "book1_ISBN": "string",
  "book_title_2": "string",
  "book2_ISBN": "string"
}
```

---

**Responses**

**Code** **Description** **Links**

200 OK No links

Media type  
\*/\*  
Controls Accept header.

Example Value | Schema

```
{
  "additionalProp1": {},
  "additionalProp2": {},
  "additionalProp3": {}
}
```

---

**POST** /api/v1/admin/loanBook-management/pay-fine ^

**Parameters** Try it out

Name	Description
<b>payFineRequest</b> <span style="color: red;">* required</span>	<b>object</b> (query)
	{ "user_email": "string", "fine_amount_Naira": 0 }

---

**Responses**

**Code** **Description** **Links**

200 OK No links

Media type  
\*/\*  
Controls Accept header.

Example Value | Schema

```
{
  "additionalProp1": {},
  "additionalProp2": {},
  "additionalProp3": {}
}
```

**Code**    **Description**    **Links**

```
"additionalProp3": {}
```

---

**POST** /api/v1/admin/loanBook-management/Loan-book ^

**Parameters** **Try it out**

No parameters

**Request body** required application/json

**Example Value** | **Schema**

```
{
  "user_email": "string",
  "book_title_1": "string",
  "book_title_2": "string",
  "return_date_in_days": 0
}
```

---

**Responses**

**Code**    **Description**    **Links**

200	OK	No links
-----	----	----------

Media type /\* ▼

Controls Accept header.

**Example Value** | **Schema**

```
{
  "additionalProp1": {},
  "additionalProp2": {},
  "additionalProp3": {}
}
```

---

**POST** /api/v1/admin/catalog/book/add ^

**Parameters** **Try it out** | **Reset**

No parameters

**Request body** required application/json

**Example Value** | **Schema**

```
{
  "title": "string",
  "author": "Vgce PjGXhYhnWCrCuCO sVAjvr CerwPfbpXIFLvxZlb",
  "publisher": "string",
  "isbn": "string",
  "pub_year": 0,
  "copies": 0
}
```

---

**Responses**

**Curl**

```
curl -X 'POST' \
'http://localhost:8080/api/v1/admin/catalog/book/add' \
-H 'accept: /*/*' \
-H 'Content-Type: application/json' \
-d '{
  "title": "string",
  "author": "Vgce PjGXhYhnWCrCuCO sVAjvr CerwPfbpXIFLvxZlb",
  "publisher": "string",
  "isbn": "string",
  "pub_year": 0,
  "copies": 0
}'
```

**Request URL**

```
http://localhost:8080/api/v1/admin/catalog/book/add
```

**Server response**

**Code**    **Details**

401	Undocumented Error: response status is 401
-----	--

**Response headers**

```
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-length: 0
date: Fri, 03 Nov 2023 10:06:30 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
www-authenticate: Bearer
```

**Code** **Details**

```
x-content-type-options: nosniff
x-xss-protection: 0
```

**Responses**

Code	Description	Links
200	OK	No links

Media type  Controls Accept header.

Example Value | Schema

```
{}
```

---

**POST** /api/v1/admin/book-reservation/reserve Try it out

**Parameters**

No parameters

**Request body** required application/json

Example Value | Schema

```
{
  "userEmail": "string",
  "bookId": 0,
  "bookTitle": "string"
}
```

---

**Responses**

Code	Description	Links
200	OK	No links

Media type  Controls Accept header.

Example Value | Schema

```
{}
```

---

**GET** /api/v1/admin/users/all Try it out

**Parameters**

Name	Description
page	integer(\$int32) Default value : 0 (query)
size	integer(\$int32) Default value : 10 (query)
sortField	string Default value : id (query)

0

10

id

---

**Responses**

Code	Description	Links
200	OK	No links

Media type  Controls Accept header.

## Code

## Description

[Example Value](#) | [Schema](#)

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  "content": [
    {
      "id": 0,
      "membershipNo": "string",
      "firstName": "string",
      "lastName": "string",
      "email": "string",
      "phoneNumber": "string",
      "address": "string",
      "dob": "2023-11-03T18:19:21.003Z",
      "favoriteWord": "string",
      "authorities": [
        {
          "authority": "string"
        }
      ],
      "reservations": [
        {
          "id": 0,
          "user": "string",
          "reservedBook": {
            ...
          }
        }
      ]
    }
  ]
}
```

## DELETE

/api/v1/admin/memberShipNo/{membershipNo}

[Try it out](#)

## Parameters

## Name

## Description

**membershipNo** \* requiredstring  
(path)

membershipNo

## Responses

## Code

## Description

200

OK

No links

## Media type

\*/\*

Controls Accept header.

[Example Value](#) | [Schema](#)

string

## DELETE

/api/v1/admin/email/{email}

[Try it out](#)

## Parameters

## Name

## Description

**email** \* requiredstring  
(path)

email

## Responses

## Code

## Description

200

OK

No links

## Media type

\*/\*

Controls Accept header.

[Example Value](#) | [Schema](#)

string

## DELETE

/api/v1/admin/catalog/delete/isbn/{book\_ISBN}

[Try it out](#)

## Parameters

**Name** **Description**

**book\_ISBN \* required**  
string  
(path)

**Responses**

Code	Description	Links
200	OK	No links

Media type  Controls Accept header.

[Example Value](#) | [Schema](#)

**string**

---

**DELETE** /api/v1/admin/catalog/delete/id/{book\_ID} ^

**Parameters**

**Try it out**

Name	Description
<b>book_ID * required</b> integer(\$int64) (path)	book_ID

**Responses**

Code	Description	Links
200	OK	No links

Media type  Controls Accept header.

[Example Value](#) | [Schema](#)

**string**

---

**DELETE** /api/v1/admin/book-reservation/delete/{reservationID} ^

**Parameters**

**Try it out**

Name	Description
<b>reservationID * required</b> integer(\$int64) (path)	reservationID

**Responses**

Code	Description	Links
200	OK	No links

Media type  Controls Accept header.

[Example Value](#) | [Schema](#)

**object**

**authentication-controller** ^

**POST** /api/v1/auth/verify-user

**Parameters**

No parameters

**Request body** required

application/json

**Example Value** | Schema

```
{
  "otp": "string",
  "email": "string"
}
```

**Responses**

Code	Description	Links
200	OK	No links

Media type

\*/\*

Controls Accept header.

**Example Value** | Schema

```
{
  "message": "string",
  "status": "string"
}
```

**POST** /api/v1/auth/verify-password-change

**Parameters**

No parameters

**Request body** required

application/json

**Example Value** | Schema

```
{
  "email": "string",
  "new_password": "string",
  "otp": "string"
}
```

**Responses**

Code	Description	Links
200	OK	No links

Media type

\*/\*

Controls Accept header.

**Example Value** | Schema

```
0
```

**POST** /api/v1/auth/signup

**Parameters**

No parameters

**Request body** required

application/json

**Example Value** | Schema

```
{
  "firstName": "fXYFQ",
  "lastName": "AHWjsBCEvJofOT xfEoRECpICbaZ",
  "email": "string",
  "phoneNumber": "20269196194",
  "address": "string",
  "dob": "75/84/1030",
  "favoriteWord": "string",
}
```

```
"password": "Yw7p%igDx?r1l&5KTos4pkErAo?btK0faxfEZ$Azc@i0w?v1jbTch57ZKK75Xkz9WUzXs1K&xtnUw788?"
```

## Responses

Code	Description	Links
200	OK	No links

Media type

/\*

Controls Accept header.

Example Value | Schema

string

POST /api/v1/auth/signin

Try it out

Parameters	
No parameters	
Request body	required
application/json	

Example Value | Schema

```
{
  "email": "string",
  "password": "string"
}
```

## Responses

Code	Description	Links
200	OK	No links

Media type

/\*

Controls Accept header.

Example Value | Schema

```
{
  "token": "string"
}
```

POST /api/v1/auth/resend-otp/{email}

Try it out

Parameters	
Name Description	

email \* required

string  
(path)

email

## Responses

Code	Description	Links
200	OK	No links

Media type

/\*

Controls Accept header.

Example Value | Schema

string

POST /api/v1/auth/forgot-password

[Try it out](#)**Parameters****Name**      **Description**

**email** \* required  
 string  
 (query)

email

**Responses****Code**      **Description****Links**

200      OK      No links

Media type

/\*

Controls Accept header.

[Example Value](#) | [Schema](#)

0

**catalog-controller****GET** /api/v1/catalog/book/title/{book\_Title}[Try it out](#)**Parameters****Name**      **Description**

**book\_Title** \* required  
 string  
 (path)

book\_Title

**Responses****Code**      **Description****Links**

200      OK      No links

Media type

/\*

Controls Accept header.

[Example Value](#) | [Schema](#)

```
{
  "id": 0,
  "title": "string",
  "author": "string",
  "publisher": "string",
  "isbn": "string",
  "pub_year": 0,
  "copies": 0,
  "copies_out": 0,
  "copies_available": 0,
  "reservations": [
    {
      "id": 0,
      "user": {
        "id": 0,
        "membershipNo": "string",
        "firstName": "string",
        "lastName": "string",
        "email": "string",
        "phoneNumber": "string",
        "address": "string",
        "dob": "2023-11-03T18:19:21.065Z",
        "favoriteWord": "string",
        "authorities": [
          ...
        ]
      }
    }
  ]
}
```

**GET** /api/v1/catalog/book/isbn/{book\_ISBN}[Try it out](#)**Parameters****Name**      **Description**

**book\_ISBN** \* required  
 string  
 (path)

book\_ISBN

**Responses**

Code	Description	Links
200	OK	<a href="#">No links</a>

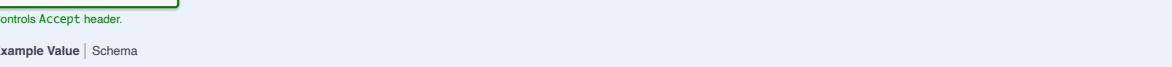
Media type

▼

Controls Accept header.

[Example Value](#) | [Schema](#)

0



**GET** /api/v1/catalog/book/id/{book\_ID}

### Try it out

## Parameters

Name	Description
<b>book_ID</b> <small>required</small> integer(\$int64) <small>(path)</small>	book_ID

## Responses

Code	Description	Links
200	OK	<a href="#">No links</a>

**GET** /api/v1/catalog/book/author/{book\_Author}

## Try it out

## Parameters

Name	Description
<b>book_Author</b> * required string (path)	book_Author

## Responses

Code	Description	Links
200	OK	<a href="#">No links</a>

Media type

`/*`

Controls Accept header.

[Example Value](#) | [Schema](#)

```
[  
  {  
    "id": 0,  
    "title": "string",  
    "author": "string",  
    "publisher": "string",  
    "isbn": "string",  
    "pub_year": 0,  
    "copies": 0,  
    "copies_out": 0,  
    "copies_available": 0,  
    "reservations": [  
      {  
        "id": 0,  
        "user": {  
          "id": 0,  
          "membershipNo": "string",  
          "firstName": "string",  
          "lastName": "string",  
          "email": "string",  
          "phoneNumber": "string",  
          "address": "string",  
          "dob": "2023-11-03T18:19:21.078Z",  
          "favoriteWord": "string"  
        }  
      }  
    ]  
  }  
]
```

Code	Description	Links
<b>GET</b>	/api/v1/catalog/all-books	<a href="#">Try it out</a>
<b>Parameters</b>		
Name	Description	
page	integer(\$int32) Default value : 0 (query)	<input type="text" value="0"/>
size	integer(\$int32) Default value : 20 (query)	<input type="text" value="20"/>
sortField	string Default value : id (query)	<input type="text" value="id"/>
<b>Responses</b>		
Code	Description	Links
200	OK	No links
<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; width: fit-content;">/*</div> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>{   "totalPages": 0,   "totalElements": 0,   "size": 0,   "content": [     {       "id": 0,       "title": "string",       "author": "string",       "publisher": "string",       "isbn": "string",       "pub_year": 0,       "copies": 0,       "copies_out": 0,       "copies_available": 0,       "reservations": [         {           "id": 0,           "user": {             "id": 0,             "membershipNo": "string",             "firstName": "string",             "lastName": "string",             "email": "string",             "phoneNumber": "string"           }         }       ]     }   ] }</pre>		

**Schemas**

```
UpdateUserRequest ▼ {
  firstName          > [...]
  lastName           > [...]
  phoneNumber        > [...]
  address            > [...]
  favoriteWord       > [...]
}

UpdateRoleRequest ▼ {
  role               > [...]
}

UpdateBookRequest ▼ {
  title              > [...]
  publisher          > [...]
  author             > [...]
  pub_year           > [...]
  isbn               > [...]
  copies             > [...]
}
```

```
VerifyUserRequest ✘ {  
    otp*             > [...]  
    email*           > [...]  
}
```

```
VerifyResponse ✘ {  
    message          > [...]  
    status           > [...]  
}
```

```
ForgotPasswordRequest ✘ {  
    email            > [...]  
    new_password     > [...]  
    otp              > [...]  
}
```

```
RegisterRequest ✘ {  
    firstName*       > [...]  
    lastName*        > [...]  
    email*           > [...]  
    phoneNumber*     > [...]  
    address*         > [...]  
    dob*             > [...]  
    favoriteWord     > [...]  
    password*        > [...]  
}
```

```
AuthenticationRequest ✘ {  
    email*           > [...]  
    password*        > [...]  
}
```

```
AuthenticationResponse ✘ {  
    token            > [...]  
}
```

```
ReturnBookRequest ✘ {  
    user_email*       > [...]  
    book_title_1*     > [...]  
    book1_ISBN*       > [...]  
    book_title_2       > [...]  
    book2_ISBN        > [...]  
}
```

```
PayFineRequest ✘ {  
    user_email*       > [...]  
    fine_amount_Naira* > [...]  
}
```

```
LoanBookRequest ✘ {  
    user_email*       > [...]  
    book_title_1*     > [...]  
    book_title_2       > [...]  
    return_date_in_days* > [...]  
}
```

```
AddBookRequest ✘ {  
    title*            > [...]  
    author*           > [...]  
    publisher         > [...]  
    isbn*             > [...]  
    pub_year*         > [...]  
    copies*           > [...]  
}
```

```
ReservedBookRequest ✘ {  
    userEmail*        > [...]  
    bookId             > [...]  
    bookTitle*         > [...]  
}
```

```
Catalog <-
  id > [...]
  title* > [...]
  author* > [...]
  publisher > [...]
  isbn* > [...]
  pub_year* > [...]
  copies* > [...]
  copies_out* > [...]
  copies_available > [...]
  reservations > [...]
  available > [...]
}
```

```
GrantedAuthority <-
  authority > [...]
}
```

```
ReservedBook <-
  id > [...]
  user User > {...}
  reservedBook Catalog > {...}
  reservationDate* > [...]
  reservationExpireDate > [...]
  readyForPickup > [...]
}
```

```
User <-
  id > [...]
  membershipNo > [...]
  firstName > [...]
  lastName > [...]
  email > [...]
  phoneNumber > [...]
  address > [...]
  dob > [...]
  favoriteWord > [...]
  authorities > [...]
  reservations > [...]
  status > [...]
  password > [...]
  enabled > [...]
  username > [...]
  accountNonExpired > [...]
  accountNonLocked > [...]
  credentialsNonExpired > [...]
}
```

```
PageCatalog <-
  totalPages > [...]
  totalElements > [...]
  size > [...]
  content > [...]
  number > [...]
  sort SortObject > {...}
  numberOfElements > [...]
  pageable PageableObject > {...}
  first > [...]
  last > [...]
  empty > [...]
}
```

```
PageableObject <-
  offset > [...]
  sort SortObject > {...}
  paged > [...]
  unpaged > [...]
  pageNumber > [...]
  pageSize > [...]
}
```

```
SortObject <-
  empty > [...]
  sorted > [...]
  unsorted > [...]
}
```

```
PageUser <= {  
    totalPages      > [...]  
    totalElements   > [...]  
    size           > [...]  
    content        > [...]  
    number         > [...]  
    sort           SortObject > {...}  
    numberOfElements > [...]  
    pageable       PageableObject > {...}  
    first          > [...]  
    last           > [...]  
    empty          > [...]  
}
```