

LibraryManagementSystem (1.0)

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Books

/api/Books

Responses

✓ 200 Success

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData >	Array of objects or null (Book)

✓ 400 Bad Request

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData	string or null

GET /api/Books



Response samples

200

400

Content type

application/json

Copy Expand all Collapse all

```
{
  "code": "string",
  "message": "string",
  - "responseData": [
    + { ... }
  ]
}
```

/api/Books/{id}

PATH PARAMETERS

id
required integer <int32>

Responses

✓ 200 Success

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData >	object (Book)

▼ 400 Bad Request

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData	string or null

GET /api/Books/{id}

Response samples

200

400

Content type

application/json

Copy Expand all Collapse all

```
{
  "code": "string",
  "message": "string",
  - "responseData": {
    "id": 0,
    "title": "string",
    "author": "string",
    "publisher": "string",
    "publicationDate": "2019-08-24",
    "genre": "string",
    "price": 0,
    "barcode": "string",
    "rating": 0,
    "reviewCount": 0,
    "totalCopies": 0,
    "availableCopies": 0
  }
}
```

/api/Books/Request

REQUEST BODY SCHEMA: application/json

memberId	integer <int32>
bookId	integer <int32>
borrowDate	string <date>

Responses

✓ 200 Success

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData >	object (BookLendingResponse)

✓ 400 Bad Request

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData	string or null

POST /api/Books/Request



Request samples

Payload

Content type

application/json

Copy

```
{
  "memberId": 0,
  "bookId": 0,
  "borrowDate": "2019-08-24"
}
```

Response samples

200

400

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "code": "string",
  "message": "string",
  - "responseData": {
    "memberId": 0,
    "bookId": 0,
    "borrowDate": "2019-08-24",
    "message": "string",
    "dueDate": "2019-08-24"
  }
}
```

/api/Books/Return

REQUEST BODY SCHEMA: application/json

memberId	integer <int32>
bookId	integer <int32>
returnDate	string <date>

Responses

✓ **200** Success

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData >	object (BorrowedBook)

✓ **400** Bad Request

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData	string or null

POST /api/Books/Return

Request samples

Payload

Content type
application/json

Copy

```
{
  "memberId": 0,
  "bookId": 0,
  "returnDate": "2019-08-24"
}
```

Response samples

200

400

Content type

application/json

Copy Expand all Collapse all

```
{
  "code": "string",
  "message": "string",
  - "responseData": {
    "id": 0,
    "memberId": 0,
    "bookId": 0,
    "borrowDate": "2019-08-24",
    "dueDate": "2019-08-24",
    "returnDate": "2019-08-24"
  }
}
```

Members

/api/Members/{id}

PATH PARAMETERS

id
required integer <int32>

Responses

✓ 200 Success

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData >	object (Member)

✓ 400 Bad Request

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData	string or null

GET /api/Members/{id}

Response samples

200

400

Content type

application/json

Copy Expand all Collapse all

```
{
  "code": "string",
  "message": "string",
  - "responseData": {
    "id": 0,
    "firstName": "string",
    "lastName": "string",
    "email": "string",
    "dateOfBirth": "2019-08-24"
  }
}
```


/api/Members/Add

REQUEST BODY SCHEMA: application/json

firstName	string or null
lastName	string or null
email	string or null
dateOfBirth	string or null <date>

Responses

✓ 200 Success

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData >	object (Member)

✓ 400 Bad Request

RESPONSE SCHEMA: application/json

code	string or null
message	string or null
responseData	string or null

POST /api/Members/Add



Request samples

Payload

Content type

application/json

Copy

```
{
  "firstName": "string",
  "lastName": "string",
  "email": "string",
  "dateOfBirth": "2019-08-24"
}
```

Response samples

200

400

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "code": "string",
  "message": "string",
  - "responseData": {
    "id": 0,
    "firstName": "string",
    "lastName": "string",
    "email": "string",
    "dateOfBirth": "2019-08-24"
  }
}
```