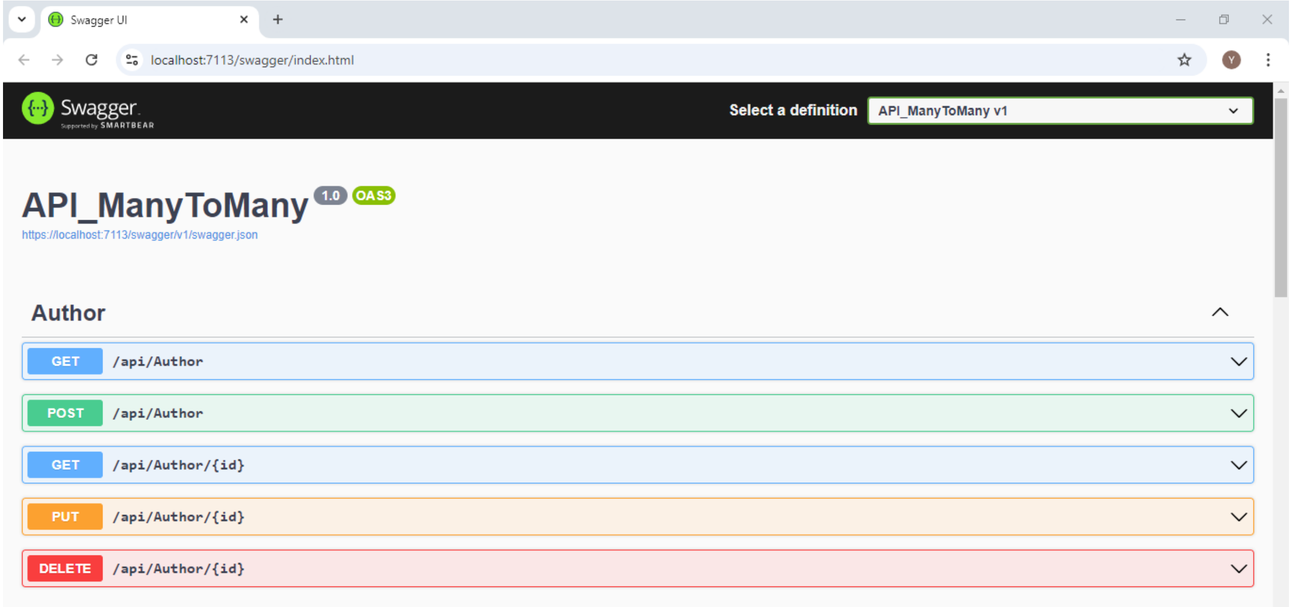
DATE : 05/09/2024

API – Repository Pattern

Many to Many Relation:

Author Controller :



API_ManyToMany 1.0 OAS3

https://localhost:7113/swagger/v1/swagger.json

Author

GET /api/Author

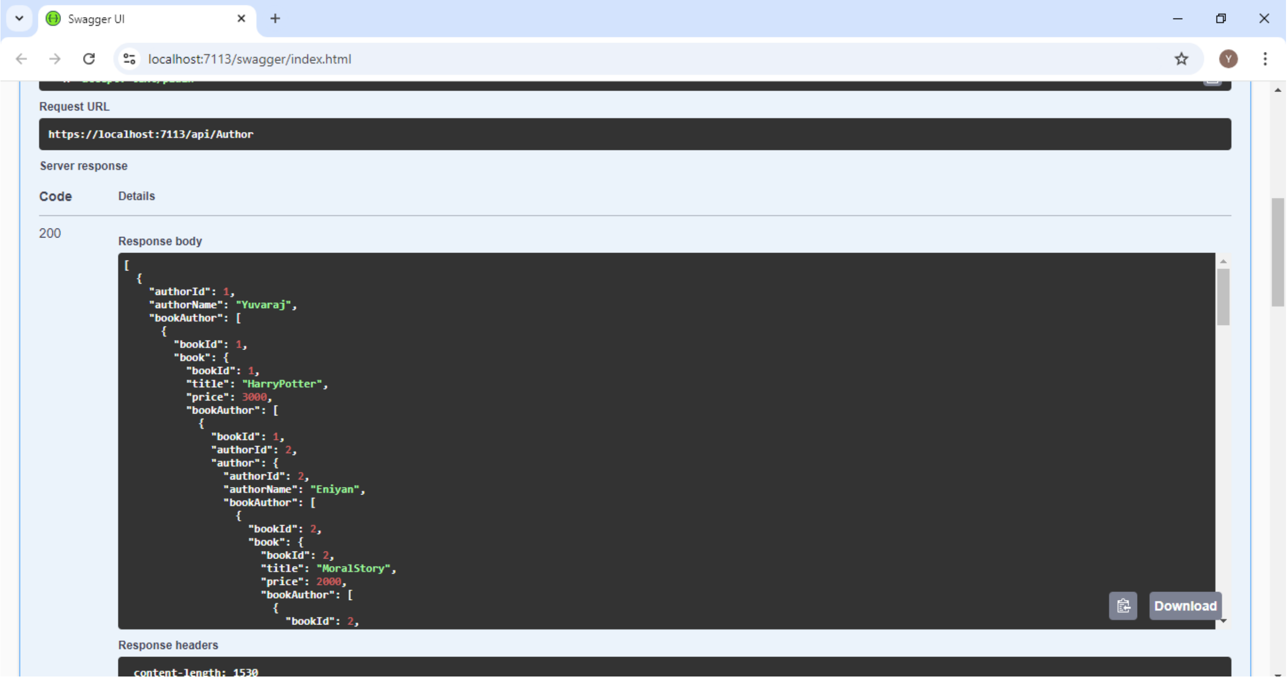
POST /api/Author

GET /api/Author/{id}

PUT /api/Author/{id}

DELETE /api/Author/{id}

Get :



Request URL

```
https://localhost:7113/api/Author
```

Server response

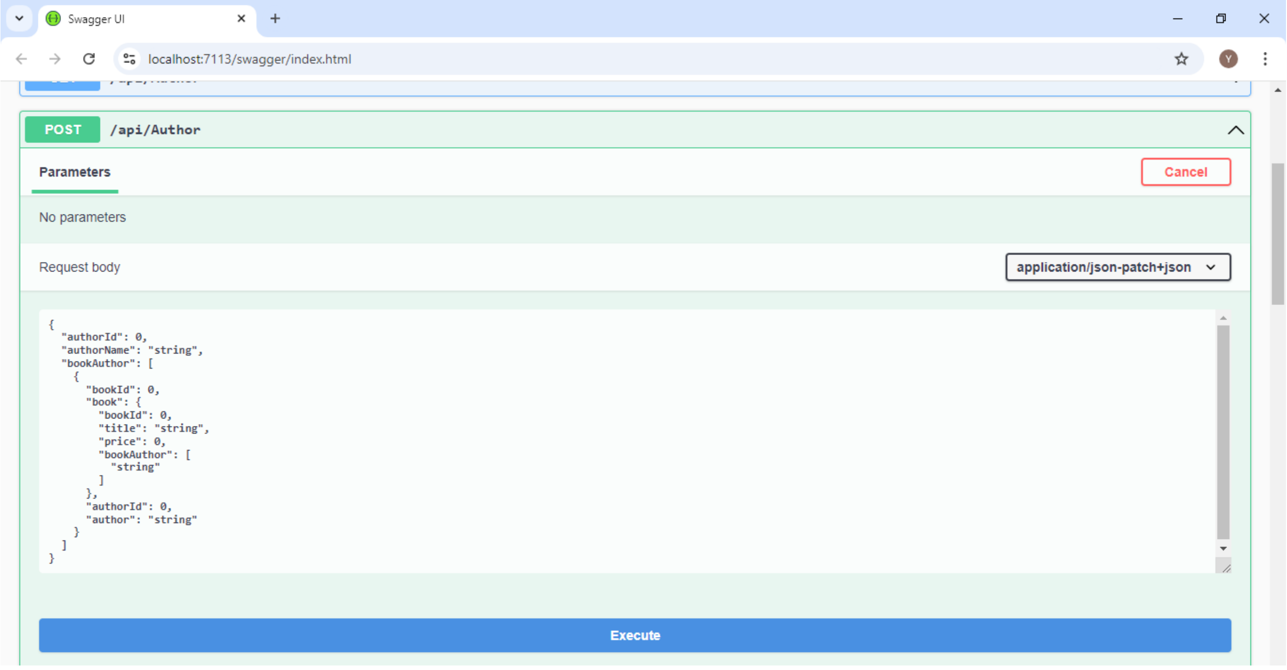
Code	Details
200	Response body

```
[
  {
    "authorId": 1,
    "authorName": "Yuvaraj",
    "bookAuthor": [
      {
        "bookId": 1,
        "book": {
          "bookId": 1,
          "title": "HarryPotter",
          "price": 3000,
          "bookAuthor": [
            {
              "bookId": 1,
              "authorId": 2,
              "author": {
                "authorId": 2,
                "authorName": "Eniyan",
                "bookAuthor": [
                  {
                    "bookId": 2,
                    "book": {
                      "bookId": 2,
                      "title": "MoralStory",
                      "price": 2000,
                      "bookAuthor": [
                        {
                          "bookId": 2,
```

Response headers

```
content-length: 1530
```

Post :



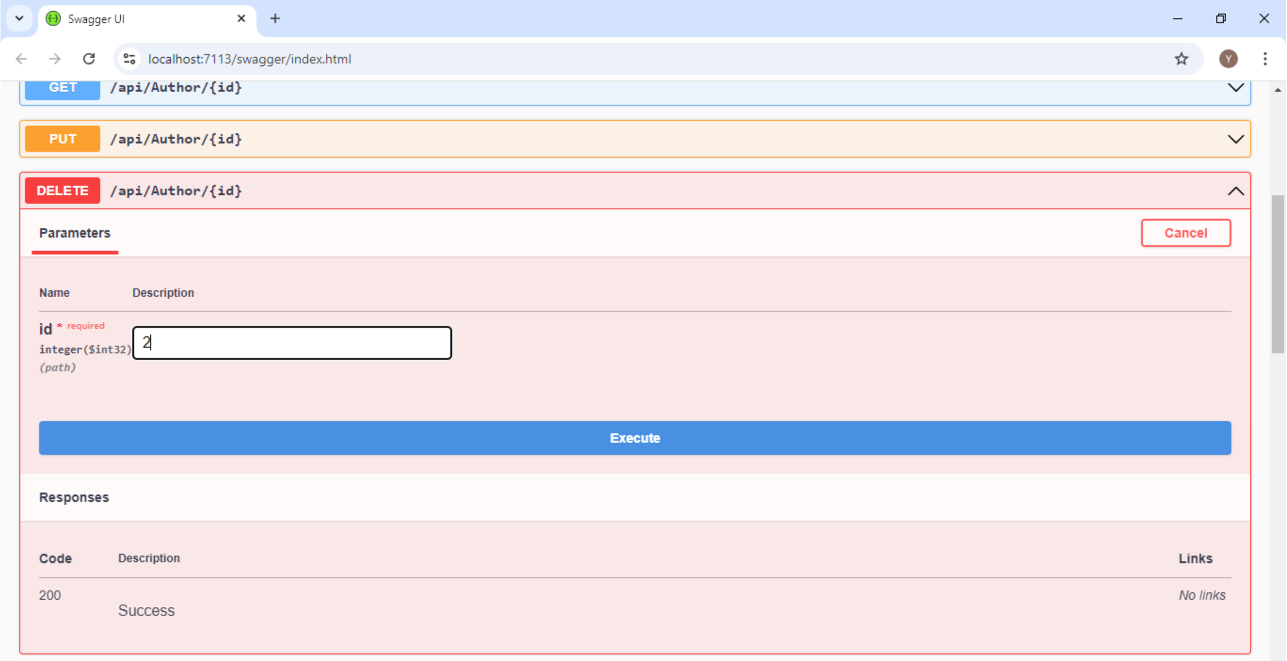
No parameters

Request body

application/json-patch+json

```
{
  "authorId": 0,
  "authorName": "string",
  "bookAuthor": [
    {
      "bookId": 0,
      "book": {
        "bookId": 0,
        "title": "string",
        "price": 0,
        "bookAuthor": [
          "string"
        ]
      },
      "authorId": 0,
      "author": "string"
    }
  ]
}
```

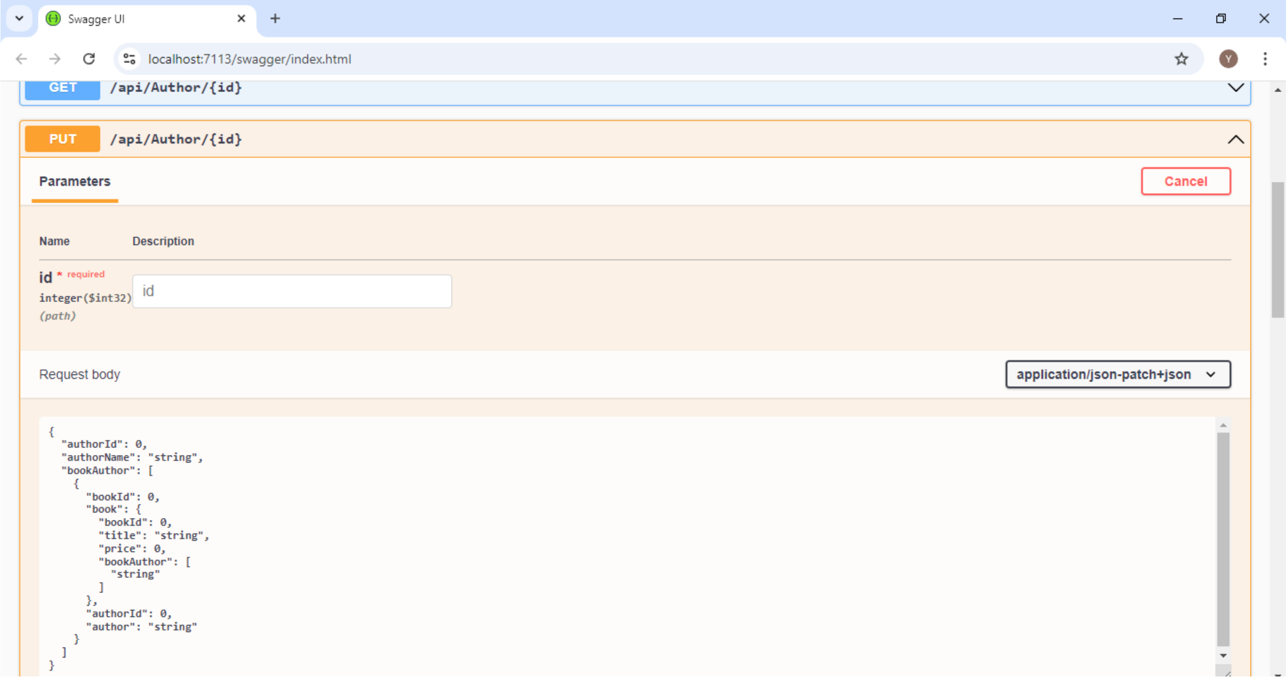
Delete:



Name	Description
id * required integer($int32) *(path)*	2

Code	Description	Links
200	Success	*No links*

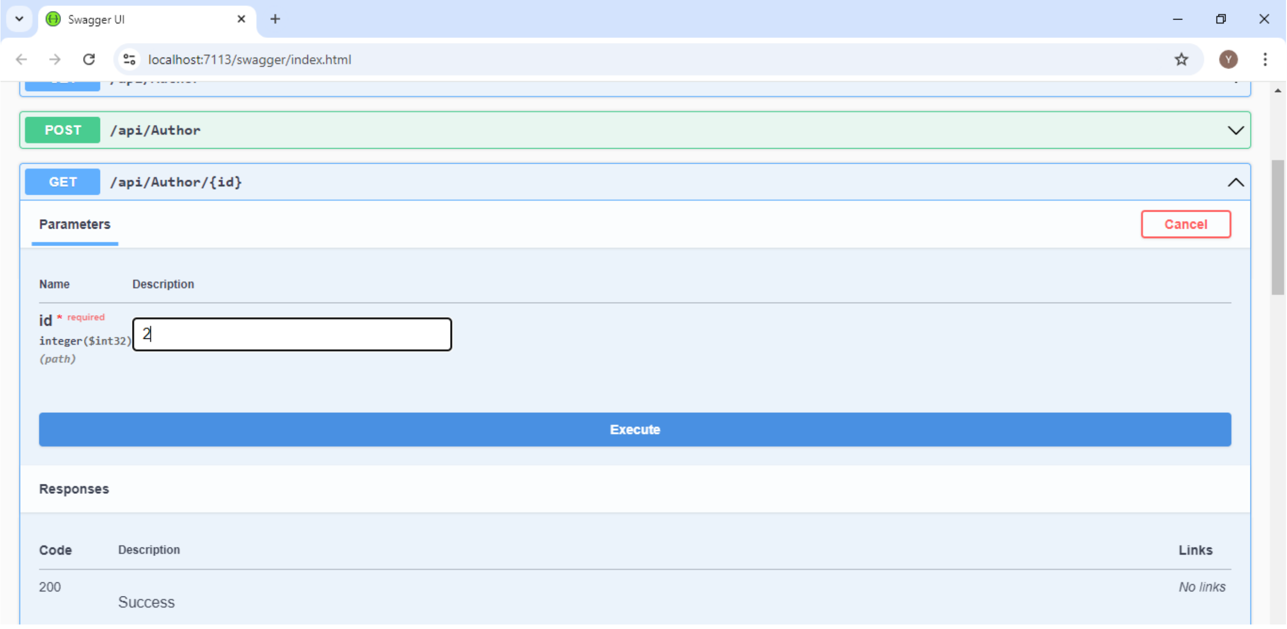
Put:



id: id

```
{
  "authorId": 0,
  "authorName": "string",
  "bookAuthor": [
    {
      "bookId": 0,
      "book": {
        "bookId": 0,
        "title": "string",
        "price": 0,
        "bookAuthor": [
          "string"
        ]
      },
      "authorId": 0,
      "author": "string"
    }
  ]
}
```

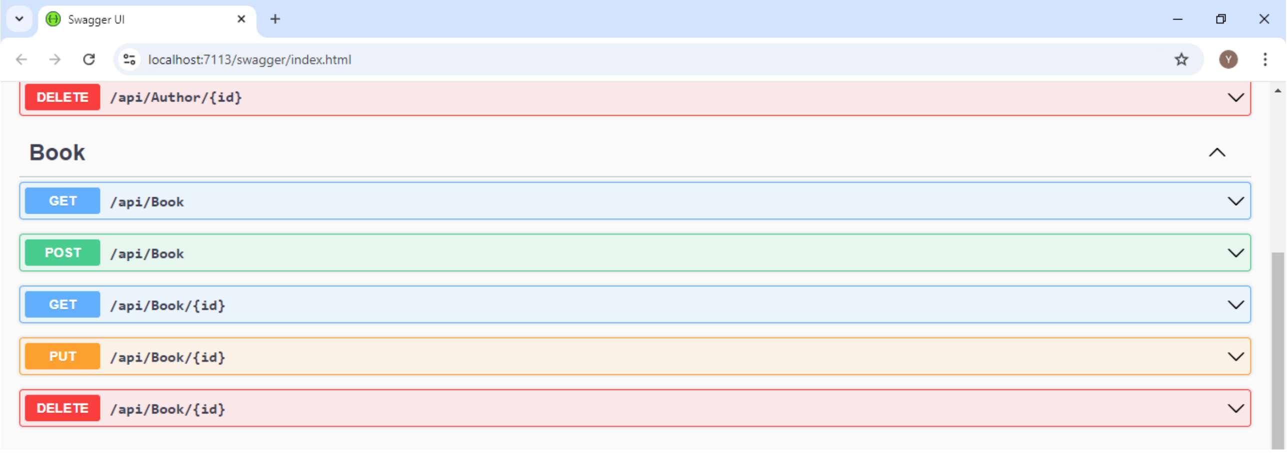
Get By ID:



id: 2

Code	Description	Links
200	Success	No links

Book Controller:



DELETE /api/Author/{id}

Book

GET /api/Book

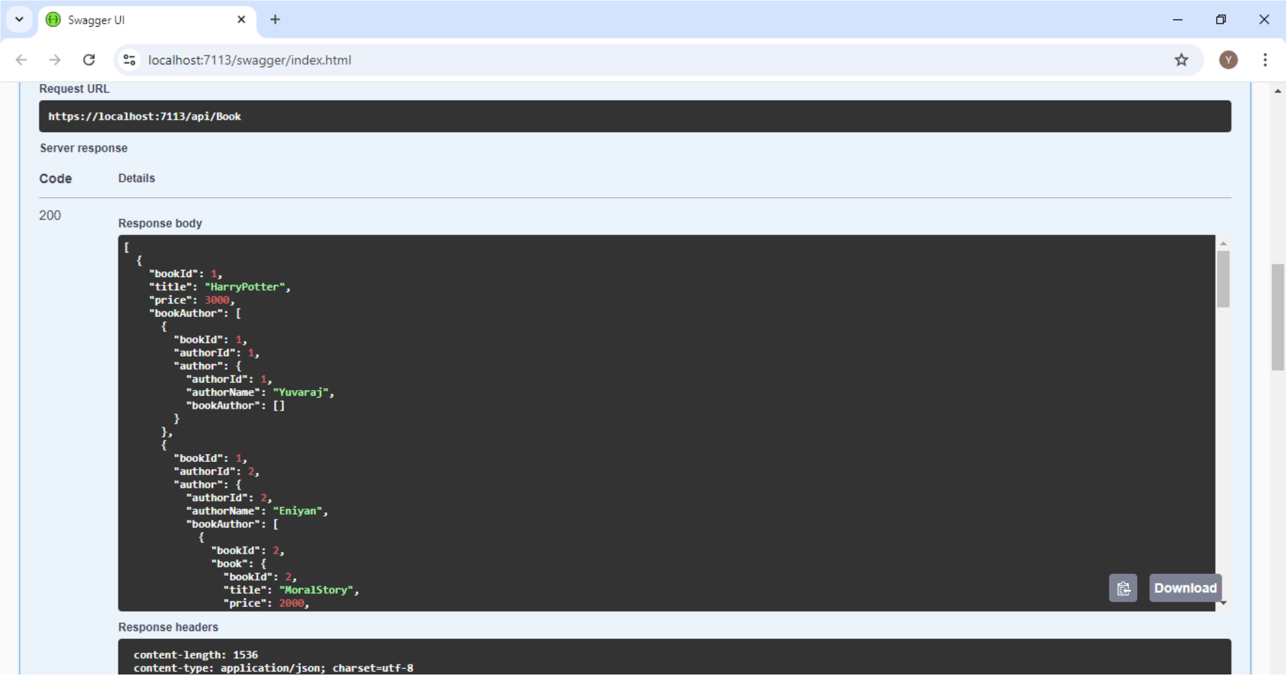
POST /api/Book

GET /api/Book/{id}

PUT /api/Book/{id}

DELETE /api/Book/{id}

Get:



Request URL

```
https://localhost:7113/api/Book
```

Server response

Code Details

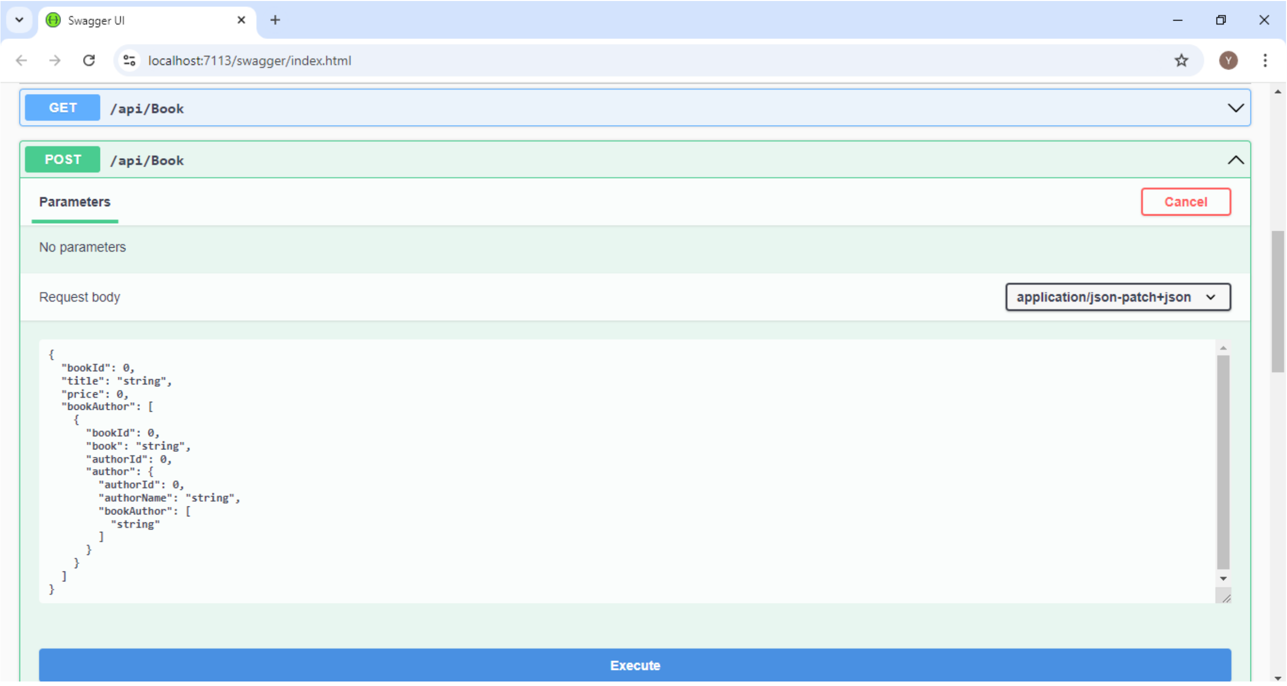
200 Response body

```
[
  {
    "bookId": 1,
    "title": "HarryPotter",
    "price": 3000,
    "bookAuthor": [
      {
        "bookId": 1,
        "authorId": 1,
        "author": {
          "authorId": 1,
          "authorName": "Yuvaraj",
          "bookAuthor": []
        }
      },
      {
        "bookId": 1,
        "authorId": 2,
        "author": {
          "authorId": 2,
          "authorName": "Eniyan",
          "bookAuthor": [
            {
              "bookId": 2,
              "book": {
                "bookId": 2,
                "title": "MoralStory",
                "price": 2000,
```

Response headers

```
content-length: 1536
content-type: application/json; charset=utf-8
```

Post:

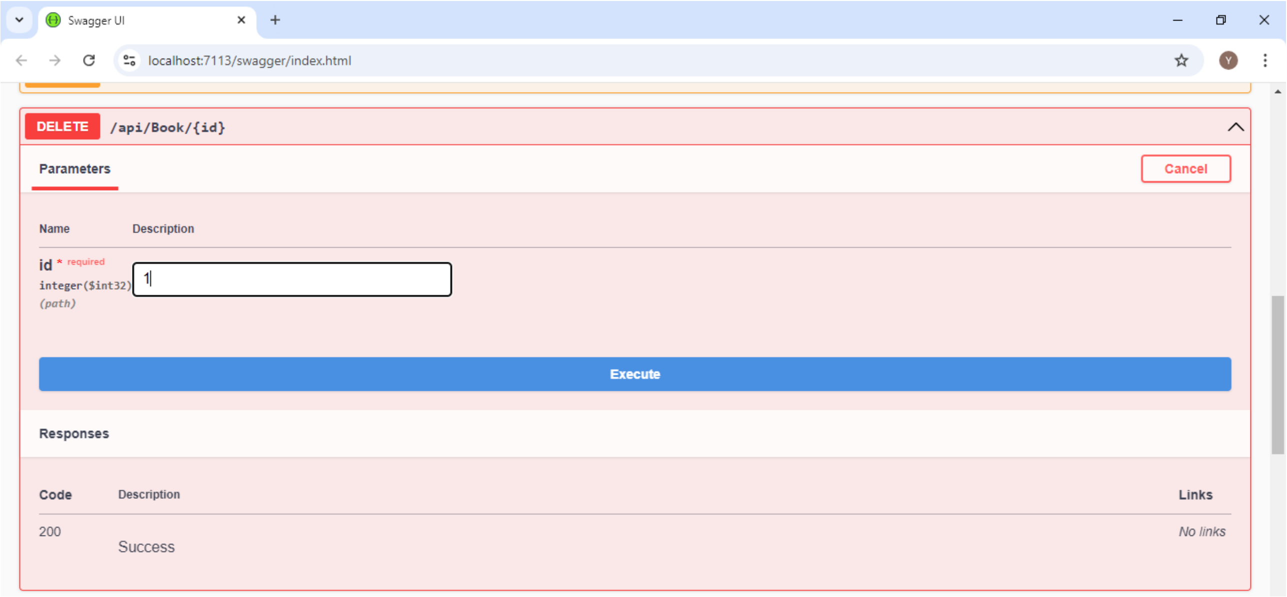


No parameters

Request body: application/json-patch+json

```
{
  "bookId": 0,
  "title": "string",
  "price": 0,
  "bookAuthor": [
    {
      "bookId": 0,
      "book": "string",
      "authorId": 0,
      "author": {
        "authorId": 0,
        "authorName": "string",
        "bookAuthor": [
          "string"
        ]
      }
    }
  ]
}
```

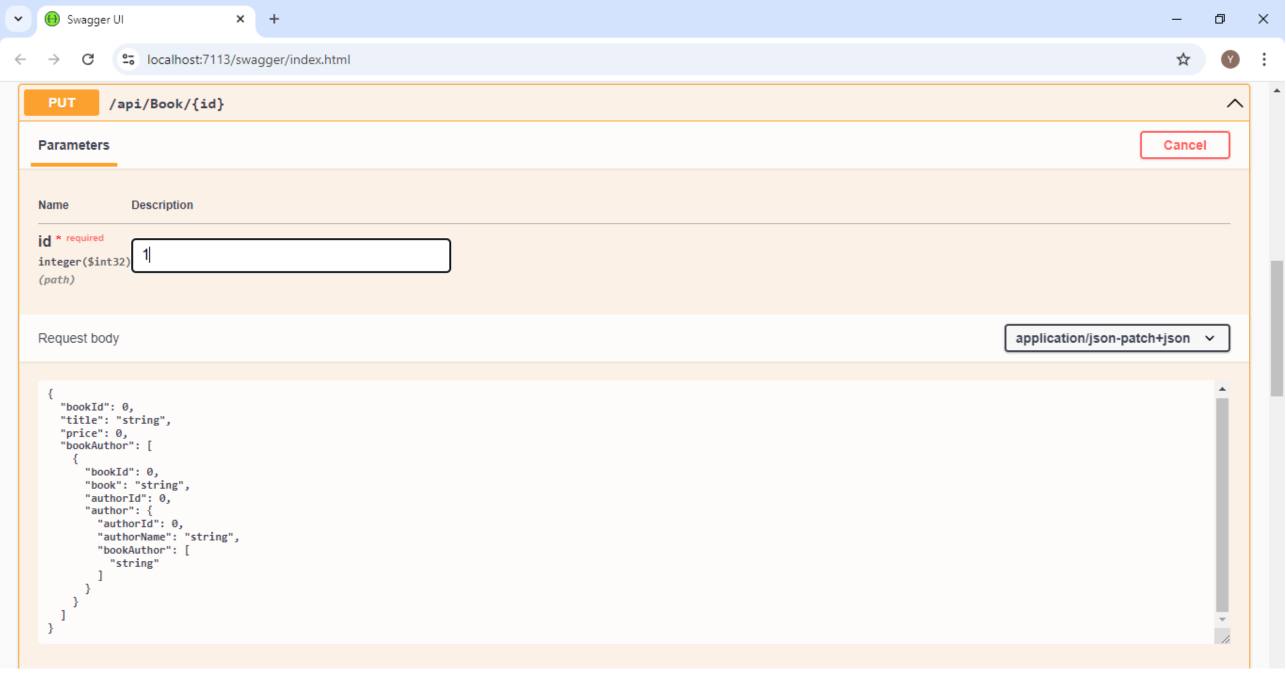
Delete:



Name	Description
id * required integer($int32) (path)	1

Code	Description	Links
200	Success	No links

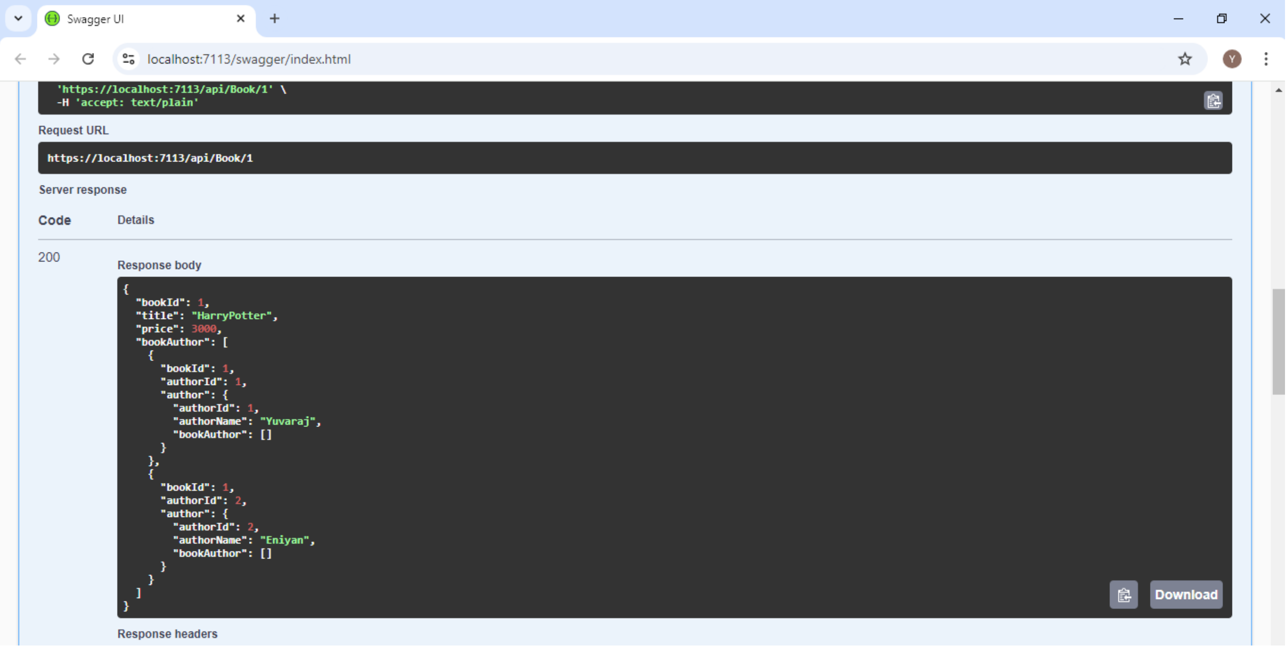
Put:



id * required
integer($int32)
(path)
1

```
{
  "bookId": 0,
  "title": "string",
  "price": 0,
  "bookAuthor": [
    {
      "bookId": 0,
      "book": "string",
      "authorId": 0,
      "author": {
        "authorId": 0,
        "authorName": "string",
        "bookAuthor": [
          "string"
        ]
      }
    }
  ]
}
```

Get By Id:



```
  'https://localhost:7113/api/Book/1' \
  -H 'accept: text/plain'
```

Request URL

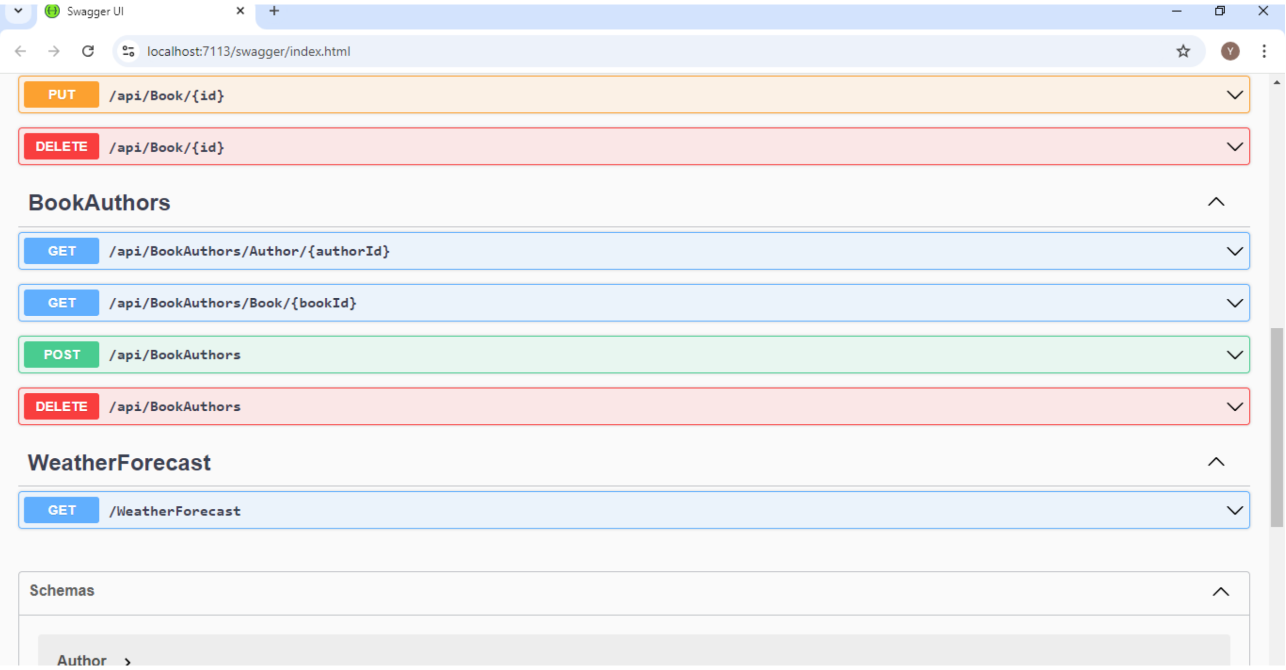
```
https://localhost:7113/api/Book/1
```

Server response

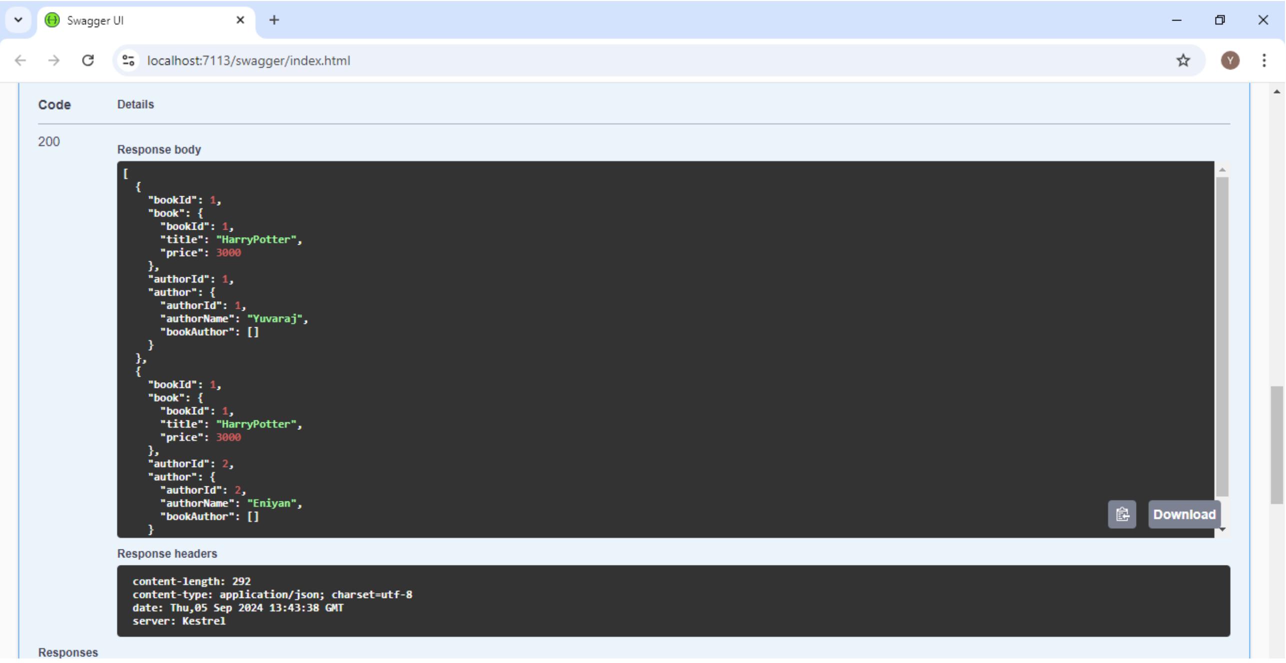
Code	Details
200	Response body

```
{
  "bookId": 1,
  "title": "HarryPotter",
  "price": 3000,
  "bookAuthor": [
    {
      "bookId": 1,
      "authorId": 1,
      "author": {
        "authorId": 1,
        "authorName": "Yuvaraj",
        "bookAuthor": []
      }
    },
    {
      "bookId": 1,
      "authorId": 2,
      "author": {
        "authorId": 2,
        "authorName": "Eniyan",
        "bookAuthor": []
      }
    }
  ]
}
```

BookAuthor Controller:



Get By BookId:



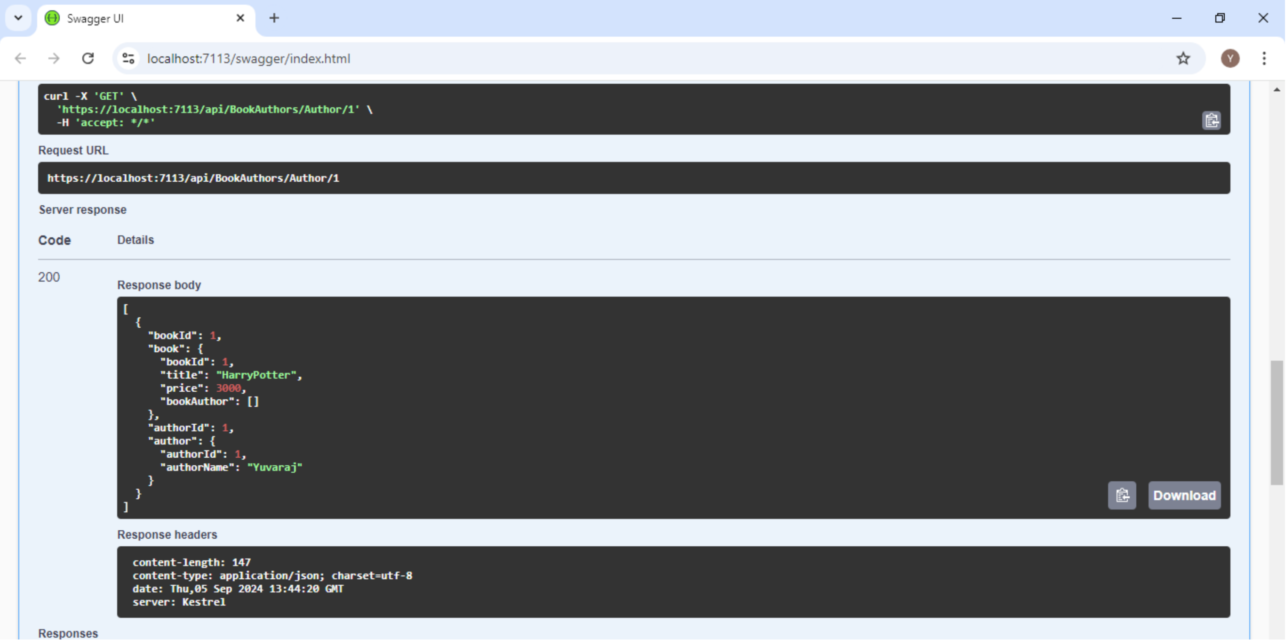
Response body

```
[
  {
    "bookId": 1,
    "book": {
      "bookId": 1,
      "title": "HarryPotter",
      "price": 3000
    },
    "authorId": 1,
    "author": {
      "authorId": 1,
      "authorName": "Yuvaraj",
      "bookAuthor": []
    }
  },
  {
    "bookId": 1,
    "book": {
      "bookId": 1,
      "title": "HarryPotter",
      "price": 3000
    },
    "authorId": 2,
    "author": {
      "authorId": 2,
      "authorName": "Eniyan",
      "bookAuthor": []
    }
```

Response headers

```
content-length: 292
content-type: application/json; charset=utf-8
date: Thu,05 Sep 2024 13:43:38 GMT
server: Kestrel
```

Get By AuthorId:



```
curl -X 'GET' \
  'https://localhost:7113/api/BookAuthors/Author/1' \
  -H 'accept: */*'
```

Request URL

```
https://localhost:7113/api/BookAuthors/Author/1
```

Server response

Code Details

200 Response body

```
[
  {
    "bookId": 1,
    "book": {
      "bookId": 1,
      "title": "HarryPotter",
      "price": 3000,
      "bookAuthor": []
    },
    "authorId": 1,
    "author": {
      "authorId": 1,
      "authorName": "Yuvaraj"
    }
  }
]
```

Response headers

```
content-length: 147
content-type: application/json; charset=utf-8
date: Thu,05 Sep 2024 13:44:20 GMT
server: Kestrel
```

Responses