# **Online Book Store API Scenarios**

**Prerequisites:** Please refer to the **README.md** file (attached in the email and in the shared google drive link) to run the Online book store API

## **Swagger UI home Page**

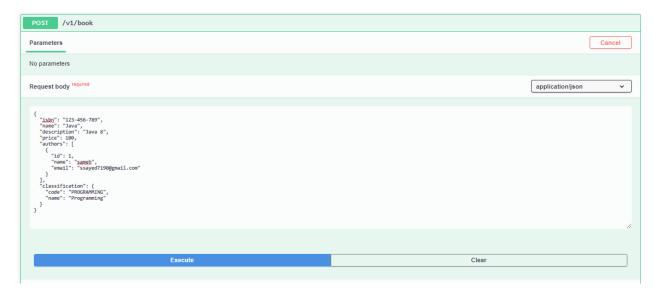
- After running the online-book-store.jar / docker image, you can access the Swagger UI using the following link http://localhost:8888/book-api-consumer-ui.html



### **Add Book**

```
Post HTTP Method
        Request Body
{
 "isbn": "123-456-789",
 "name": "Java",
 "description": "Java 8",
 "price": 100,
 "authors": [
 {
   "id": 1,
   "name": "sameh",
   "email": "ssayed7190@gmail.com"
 }
 ],
 "classification": {
  "code": "PROGRAMMING",
  "name": "Programming"
 }
}
```

- Request SS from Swagger UI



### - Response

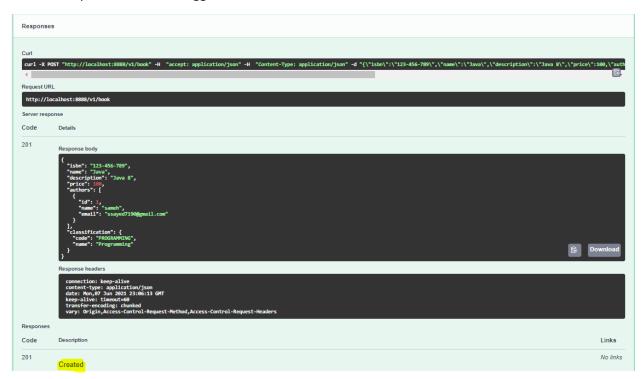
o curl

curl -X POST "http://localhost:8888/v1/book" -H "accept: application/json" -H "Content-Type:
application/json" -d "{\"isbn\":\"123-456-789\",\"name\":\"Java\",\"description\":\"Java
8\",\"price\":100,\"authors\":[{\"id\":1,\"name\":\"sameh\",\"email\":\"ssayed7190@gmail.com\"
}],\"classification\":{\"code\":\"PROGRAMMING\",\"name\":\"Programming\"}}"

o Request URL

#### http://localhost:8888/v1/book

Response SS from Swagger UI



### **Get Book**

- Get HTTP method where ISBN=123-456-789
- Request SS from Swagger API

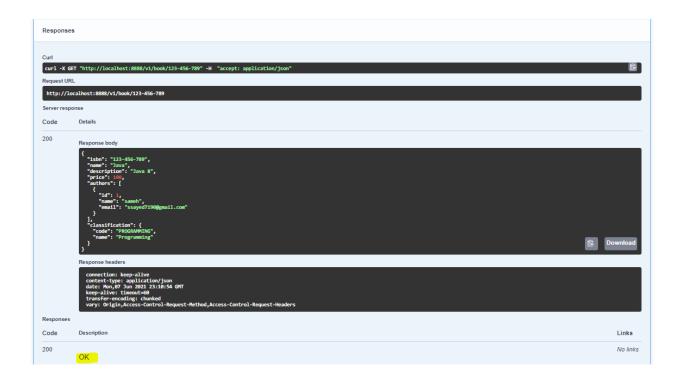


- Response
  - o Curl

curl -X GET "http://localhost:8888/v1/book/123-456-789" -H "accept: application/json"

o Request URL

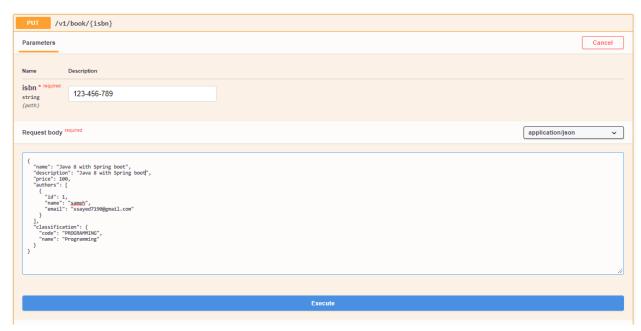
http://localhost:8888/v1/book/123-456-789



## **Update Book**

```
Put HTTP method where ISBN=123-456-789
        Request Body
{
 "name": "Java 8 with Spring boot",
 "description": "Java 8 with Spring boot",
 "price": 100,
 "authors": [
 {
   "id": 1,
   "name": "sameh",
   "email": "ssayed7190@gmail.com"
 }
],
 "classification": {
 "code": "PROGRAMMING",
 "name": "Programming"
 }
}
```

Request SS from Swagger



- Response

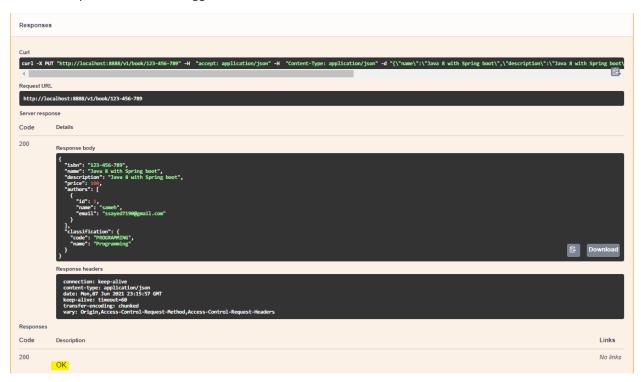
o Curl

```
curl -X PUT "http://localhost:8888/v1/book/123-456-789" -H "accept: application/json" -H
"Content-Type: application/json" -d "{\"name\":\"Java 8 with Spring
boot\",\"description\":\"Java 8 with Spring
boot\",\"price\":100,\"authors\":[{\"id\":1,\"name\":\"sameh\",\"email\":\"ssayed7190@gmail.co
m\"}],\"classification\":{\"code\":\"PROGRAMMING\",\"name\":\"Programming\"}}"
```

o Request URL

http://localhost:8888/v1/book/123-456-789

- Response SS from Swagger



## **Delete Book**

- Delete HTTP method where ISBN=123-456-789
- Request URL

## http://localhost:8888/v1/book/123-456-789

- Request SS from Swagger



- Response
  - o Curl

## curl -X DELETE "http://localhost:8888/v1/book/123-456-789" -H "accept: \*/\*"

o Request URL

## http://localhost:8888/v1/book/123-456-789

- Response SS from Swagger



## Checkout order operation where Promotion code SALE30

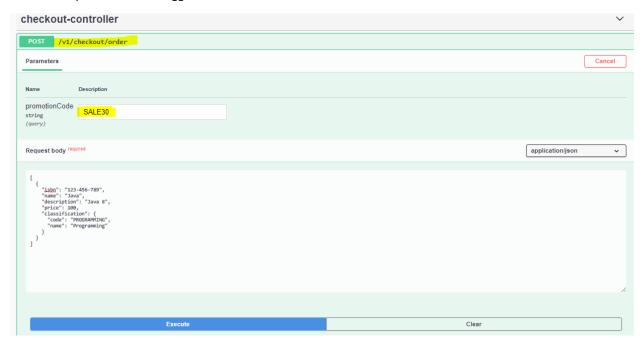
- Please refer to (src/main/resources/import.sql) file in the code repo to view the relation between promotions and classification and their values.

```
- Request body

[

{
    "isbn": "123-456-789",
    "name": "Java",
    "description": "Java 8",
    "price": 100,
    "classification": {
        "code": "PROGRAMMING",
        "name": "Programming"
    }
}
```

- Request SS from Swagger



- Response
  - o Curl

```
curl -X POST "http://localhost:8888/v1/checkout/order?promotionCode=SALE30" -H "accept:
application/json" -H "Content-Type: application/json" -d "[{\"isbn\":\"123-456-
789\",\"name\":\"Java\",\"description\":\"Java
8\",\"price\":100,\"classification\":{\"code\":\"PROGRAMMING\",\"name\":\"Programming\"}}]"
```

o request URL

http://localhost:8888/v1/checkout/order?promotionCode=SALE30

Response SS from Swagger

