# 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

```json
{
 "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
  - **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\"}}"
```

  - 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

**book-controller** ⌄

| GET | /v1/book/{isbn} |
|---|---|

**Parameters**                                                          Cancel

| Name | Description |
|---|---|
| isbn * required<br>string<br>(path) | 123-456-789 |

| Execute | Clear |
|---|---|

- Response
  - Curl

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

  - Request URL

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

**Responses**

Curl
```
curl -X GET "http://localhost:8888/v1/book/123-456-789" -H  "accept: application/json"
```
Request URL
```
http://localhost:8888/v1/book/123-456-789
```
Server response

| Code | Details |
|---|---|
| 200 | **Response body**<br>```{<br>  "isbn": "123-456-789",<br>  "name": "Java",<br>  "description": "Java 8",<br>  "price": 100,<br>  "authors": [<br>    {<br>      "id": 1,<br>      "name": "sameh",<br>      "email": "ssayed7190@gmail.com"<br>    }<br>  ],<br>  "classification": {<br>    "code": "PROGRAMMING",<br>    "name": "Programming"<br>  }<br>}```       Download<br>**Response headers**<br>```connection: keep-alive<br>content-type: application/json<br>date: Mon,07 Jun 2021 23:10:54 GMT<br>keep-alive: timeout=60<br>transfer-encoding: chunked<br>vary: Origin,Access-Control-Request-Method,Access-Control-Request-Headers``` |

**Responses**

| Code | Description | Links |
|---|---|---|
| 200 | OK | No links |

**Update Book**

- Put HTTP method where ISBN=123-456-789
- Request Body

```json
{
  "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



| PUT | /v1/book/{isbn} | | Cancel |
| --- | --- | --- | --- |

**Parameters**

| Name | Description |
| --- | --- |
| isbn * required<br>string<br>(path) | 123-456-789 |

**Request body** required      application/json

```
{
    "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"
    }
}
```

**Execute**

- Response
  - 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\"}}"
```

  - Request URL

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

- Response SS from Swagger

**Responses**

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\
```

Request URL
```
http://localhost:8888/v1/book/123-456-789
```

Server response

| Code | Details |
|------|---------|
| 200 | **Response body** |

```
{
  "isbn": "123-456-789",
  "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"
  }
}
```
Download

**Response headers**
```
connection: keep-alive
content-type: application/json
date: Mon,07 Jun 2021 23:15:57 GMT
keep-alive: timeout=60
transfer-encoding: chunked
vary: Origin,Access-Control-Request-Method,Access-Control-Request-Headers
```

**Responses**

| Code | Description | Links |
|------|-------------|-------|
| 200 | OK | *No links* |

# Delete Book

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

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

- Request SS from Swagger

**DELETE** /v1/book/{isbn}

| Parameters | | Cancel |
|------------|--|--------|

| Name | Description |
|------|-------------|
| isbn * required<br>string<br>(path) | 123-456-789 |

- Response
  - Curl

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

  - Request URL

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

- Response SS from Swagger

**Responses**

Curl

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

Request URL

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

Server response

| Code | Details |
|------|---------|
| 204 | **Response headers** |
|      | ``` connection: keep-alive date: Mon,07 Jun 2021 23:18:47 GMT keep-alive: timeout=60 vary: Origin,Access-Control-Request-Method,Access-Control-Request-Headers ``` |

Responses

| Code | Description | Links |
|------|-------------|-------|
| 204 | No Content | No links |

**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
  - 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\"}}]"
```

  - request URL

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

- Response SS from Swagger