ReadingIsGood is java based microservice where you could give orders, create customer, make stock entrance of books and may query all the statistics of orders.

In any success operation **RC000** response code returns with **"Başarılı işlem."** response message.

All response codes with descriptions are given at the end of the document please check it.

1. Customer Service

In customer service you could save new customer or update an existing customer with sample request body below.

Path: /customer/save

Request

```json
{
    "firstName":"Test User",
    "lastName":"Test User",
    "phoneNumber":312312312,
    "address":"address",
    "email":"mail"
}
```

Response

```json
{
    "responseCode": "RC000",
    "responseMessage": "Başarılı işlem.",
    "customerId": "53955e8d-f32c-4a49-94e7-a5a04836b5c0",
    "firstName": "Test User",
    "lastName": "Test User",
    "address": "address",
    "phoneNumber": 312312312,
    "email": "mail"
}
```

1. Book Service

It saves stock entrance of new book or updates an existing book's information.

If *bookId* parameter is sent with request body it updates an existing book information. **"RC002"** error code will be returned in case **bookId** is not matched.

Path: /book/save

Request

```json
{
    "name":"Harry Poter",
    "author": "IK Rowling",
    "quantity": 17,
    "amount":70
}
```

Response

```json
{
    "responseCode": "RC000",
    "responseMessage": "Başarılı işlem.",
    "bookId": "1c09a396-9530-48fb-9366-f935db23bcfd",
    "name": "Harry Poter",
```

```
            "author": "IK Rowling",
            "quantity": 17,
            "amount": 70
}
```

2. Order Service

In order to give an order, customer and book stock entrance should be created.

Path: /order/activate

Request

```
{
    "customerId": "fb2e1ba1-15d8-4c07-ac5c-
ad93675e6a18",
    "orderData":
    [
        {"bookId": "0ba1102f-7b1a-463d-9782-
9571d05f8e71",
        "quantity":1},
        { "bookId": "fb0a4ffc-99dd-4bc3-
94d1-803f0741111d",
        "quantity":1}
    ]
}
```

Response

```
{
    "responseCode": "RC000",
    "responseMessage": "Başarılı işlem.",
    "orderId": "e63cd4c7-3604-4279-8951-
be0c3c00773d",
    "customerId": "fb2e1ba1-15d8-4c07-ac5c-
ad93675e6a18",
    "orderData": [
        {
            "bookId": "0ba1102f-7b1a-463d-
9782-9571d05f8e71",
            "quantity": 1
        },
        {
            "bookId": "fb0a4ffc-99dd-4bc3-
94d1-803f0741111d",
            "quantity": 1
        }
    ],
    "totalAmount": 16,
    "orderDate": "2021-06-
13T01:17:52.2053097"
}
```

Response Code & Response Code Description

RC000	Başarılı işlem
RC999	Beklenmeyen hata oluştu.
RC001	Sipariş verilen stok sayısı, mevcutta bulunan stok sayısını aşmaktadır.
RC002	Kitap id değeri eşleşmiyor.
RC003	Lütfen giriş değerlerini kontrol ediniz.