

Registration:

URL: <http://localhost:8080/api/customer/register>:

Sample INput:

```
{
  "emailId": "admin@gmail.com",
  "fname": "sandesh",
  "lname": "ms",
  "address": "address",
  "age": 21,
  "role": "ROLE_ADMIN",
  "isActiveUser": true,
  "password": "password"
}
```

screenshot

The screenshot displays a REST client interface with a POST request to `http://localhost:8080/api/register`. The request body is a JSON object with the following fields: `emailId` (user@gmail.com), `fname` (sandesh), `lname` (ms), `address` (address), `age` (21), `role` (ROLE_ADMIN), `isActiveUser` (true), and `password` (password). The response status is 200 OK, and the time taken is 5634 ms. The response body shows a successful registration message and a long alphanumeric string representing a customer ID and other details.

```
POST http://localhost:8080/api/register Params Send Save
```

```
1 {
2   "emailId": "user@gmail.com",
3   "fname": "sandesh",
4   "lname": "ms",
5   "address": "address",
6   "age": 21,
7   "role": "ROLE_ADMIN",
8   "isActiveUser": true,
9   "password": "password"
10 }
11
12 }
```

Body Cookies Headers (11) Test Results Status: 200 OK Time: 5634 ms

Pretty Raw Preview Text Save Response

```
1 Registration success
2 Customers(ID=4, emailId=user@gmail.com, fname=sandesh, lname=ms, address=address, age=21, dateAdded=2020-10-19T14:04:39
   .767396500, role=ROLE_ADMIN, isActiveUser=true, purchases=null, password
   =$2a$10$i0B8VTpo0DTFX0x15ZHkjOVhEKVjiqX0WdQCgOF5p3S3Bg0rDBZBG)
```

Admin features:

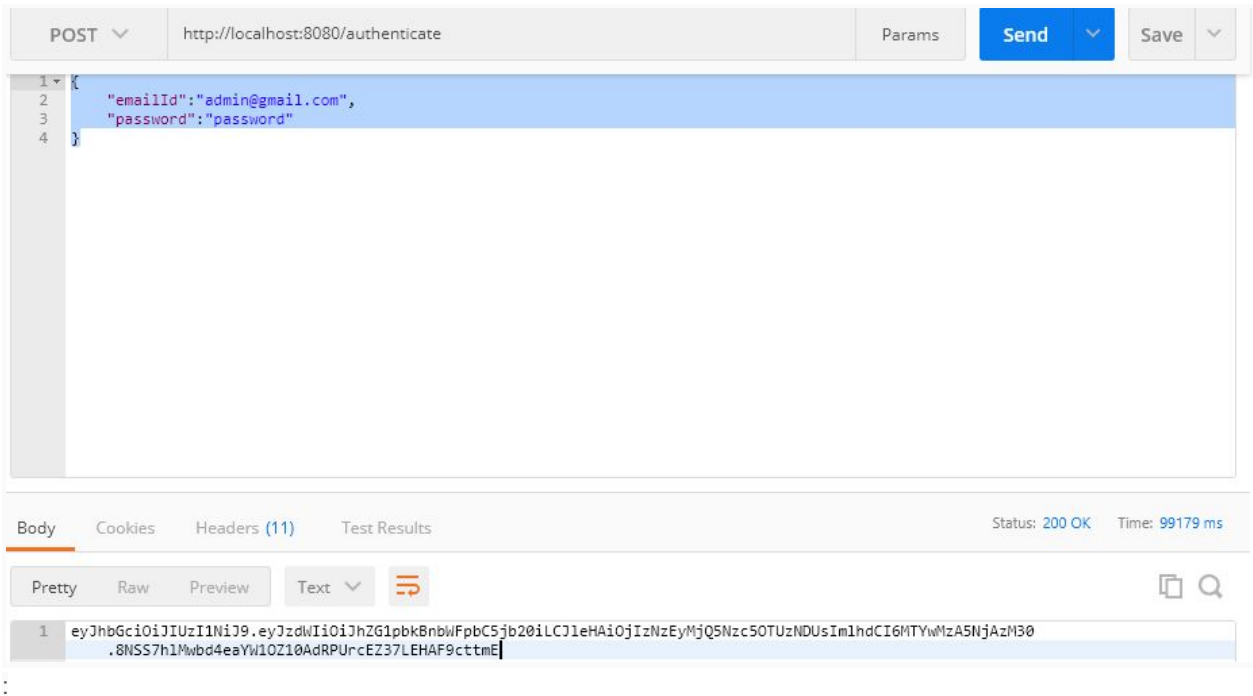
Authentication:

URL: <http://localhost:8080/authenticate>

Sample Input:

```
{
  "emailId": "admin@gmail.com",
  "password": "password"
}
```

Screenshot



Add new product:

URL <http://localhost:8080/api/admin/add-new-product>

Sample input:

```
{
  "name": "nike",
  "price": 1000,
  "categoryId": 2
}
```

Screenshot:

POST <http://localhost:8080/api/admin/add-new-product> Params Send Save

Authorization Headers (3) Body Pre-request Script Tests Code

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWiiOiJhZG1pb...				
<input type="checkbox"/>	Authorization					
<input checked="" type="checkbox"/>	Content-Type	application/json				
	New key	Value	Description			

Body Cookies Headers (11) Test Results Status: 200 OK Time: 269 ms

Pretty Raw Preview JSON Save Response

```
1 {
2   "name": "nike",
3   "price": 1000,
4   "dateAdded": "2020-10-19T14:06:44.9833864",
5   "deletedFlag": false,
6   "categoryId": {
7     "name": null,
8     "activeCategory": false,
9     "id": 2
10  },
11  "id": 10
12 }
```

Get all registered users:

URL: <http://localhost:8080/api/admin/get-all-registered-users>

Screenshot:

▶ <http://localhost:8080/api/admin/get-all-registered-users> Examples (0)

GET <http://localhost:8080/api/admin/get-all-registered-users> Params Send Save

Authorization Headers (3) Body Pre-request Script Tests Code

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWiiOiJhZG1pb...				
<input type="checkbox"/>	Authorization					
<input checked="" type="checkbox"/>	Content-Type	application/json				
	New key	Value	Description			

Body Cookies Headers (11) Test Results Status: 200 OK Time: 1160 ms

Pretty Raw Preview JSON Save Response

```
1 [
2   {
3     "emailId": "admin@gmail.com",
4     "fname": "admin",
5     "lname": "admin",
6     "address": "myAddress",
7     "age": 21,
8     "dateAdded": "2020-10-19T12:55:54.73643",
9     "role": "ROLE_ADMIN",
10    "purchases": [],
11    "id": 1,
12    "activeUser": true
13  },
14 ]
```

Get All categories:

URL: <http://localhost:8080/api/admin/category/get-all-categories>

Screenshot:

GET <http://localhost:8080/api/admin/category/get-all-categories> Params Send Save

☒ Authorization Bearer eyJhbGciOiJIUzI1NiIsInR5cGU6IjYzZWVlOiJhZG1pb...
☐ Authorization
☒ Content-Type application/json

New key	Value	Description

Body Cookies Headers (11) Test Results Status: 200 OK Time: 562 ms

Pretty Raw Preview JSON Save Response

```
1 [
2   {
3     "name": "sports",
4     "activeCategory": true,
5     "id": 1
6   },
7   {
8     "name": "students",
9     "activeCategory": true,
10    "id": 2
11  },
12  {
13    "name": "home_utensils",
14    "activeCategory": true,
15    "id": 3
16  }
17 ]
```

Delete Category:

URL : <http://localhost:8080/api/admin/category/delete-category/2>

▶ <http://localhost:8080/api/admin/get-all-registered-users> Examples (0)

DELETE <http://localhost:8080/api/admin/category/delete-category/2> Params Send Save

Authorization Headers (3) Body Pre-request Script Tests Code

Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cGU6IjYzZWVlOiJhZG1pb...				
<input type="checkbox"/> Authorization					
<input checked="" type="checkbox"/> Content-Type	application/json				
New key	Value	Description			

Body Cookies Headers (10) Test Results Status: 200 OK Time: 130 ms

Pretty Raw Preview Text Save Response

Filter purchase by date:

URL: <http://localhost:8080/api/admin/purchase/filter-purchase-by-date/2020-10-19>

The screenshot shows a REST client interface with a GET request to `http://localhost:8080/api/admin/purchase/filter-purchase-by-date/2020-10-19`. The response is displayed in JSON format, showing a single purchase record for ID 4.

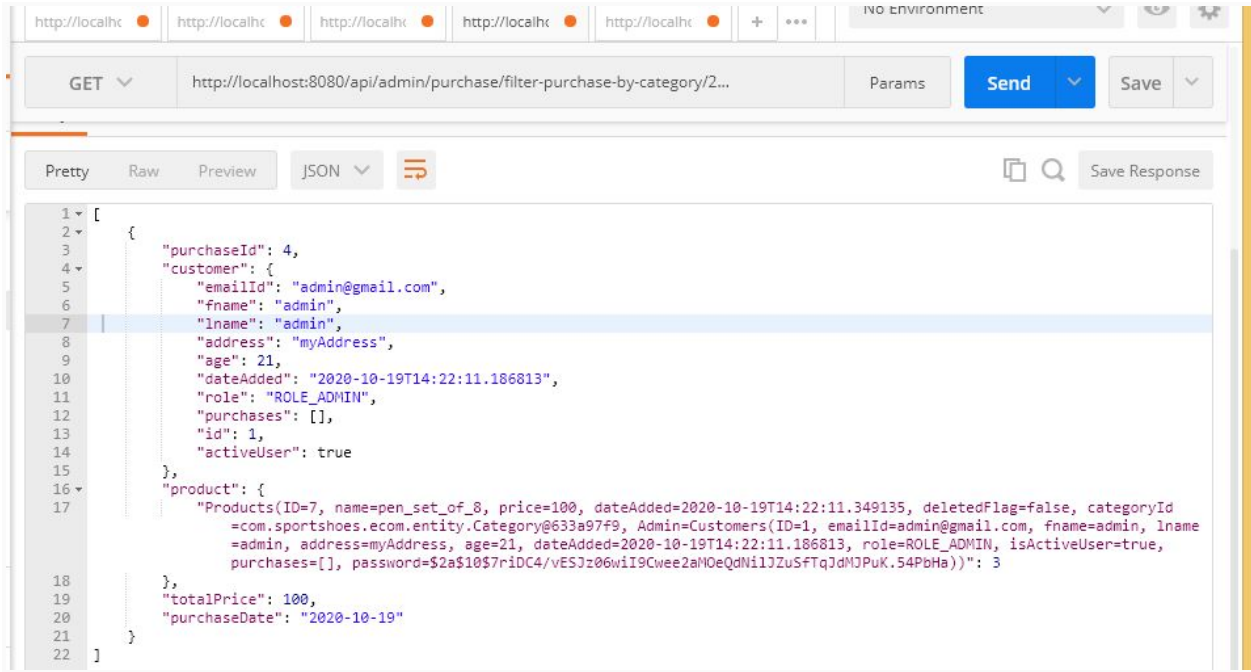
```
1 [
2   {
3     "purchaseId": 4,
4     "customer": {
5       "emailId": "admin@gmail.com",
6       "fname": "admin",
7       "lname": "admin",
8       "address": "myAddress",
9       "age": 21,
10      "dateAdded": "2020-10-19T14:22:11.186813",
11      "role": "ROLE_ADMIN",
12      "purchases": [],
13      "id": 1,
14      "activeUser": true
15    },
16    "product": {
17      "Products(ID=7, name=pen_set_of_8, price=100, dateAdded=2020-10-19T14:22:11.349135, deletedFlag=false, categoryId=com.sportshoes.ecom.entity.Category@23f48013, Admin=Customers(ID=1, emailId=admin@gmail.com, fname=admin, lname=admin, address=myAddress, age=21, dateAdded=2020-10-19T14:22:11.186813, role=ROLE_ADMIN, isActiveUser=true, purchases=[], password=$2a$10$7rIDC4/vESJz06wiI9Cwee2aM0eQdN1lJZuSfTqJdMJPuK.54PbHa))": 3
18    },
19    "totalPrice": 100,
20    "purchaseDate": "2020-10-19"
21  }
22 ]
```

The screenshot shows a REST client interface with a GET request to `http://localhost:8080/api/admin/purchase/filter-purchase-by-date/2020-10-19...`. The response is displayed in JSON format, showing a single purchase record for ID 4.

```
1 [
2   {
3     "purchaseId": 4,
4     "customer": {
5       "emailId": "admin@gmail.com",
6       "fname": "admin",
7       "lname": "admin",
8       "address": "myAddress",
9       "age": 21,
10      "dateAdded": "2020-10-19T14:22:11.186813",
11      "role": "ROLE_ADMIN",
12      "purchases": [],
13      "id": 1,
14      "activeUser": true
15    },
16    "product": {
17      "Products(ID=7, name=pen_set_of_8, price=100, dateAdded=2020-10-19T14:22:11.349135, deletedFlag=false, categoryId=com.sportshoes.ecom.entity.Category@23f48013, Admin=Customers(ID=1, emailId=admin@gmail.com, fname=admin, lname=admin, address=myAddress, age=21, dateAdded=2020-10-19T14:22:11.186813, role=ROLE_ADMIN, isActiveUser=true, purchases=[], password=$2a$10$7rIDC4/vESJz06wiI9Cwee2aM0eQdN1lJZuSfTqJdMJPuK.54PbHa))": 3
18    },
19    "totalPrice": 100,
20    "purchaseDate": "2020-10-19"
21  }
22 ]
```

Filter purchase by category:

URL: <http://localhost:8080/api/admin/purchase/filter-purchase-by-category/2>



Customer features:

Get all products:

URL: <http://localhost:8080/api/products>

Screenshot:

GET <http://localhost:8080/api/products> Params Send Save

☒ Authorization Bearer eyJhbGciOiJIUzI1NiIsInR5cGE6YWV0IjoiZG1pb...
☐ Authorization
☒ Content-Type application/json

New key Value Description

Body Cookies Headers (11) Test Results Status: 200 OK Time: 97 ms

Pretty Raw Preview JSON Save Response

```
1 [
2   {
3     "name": "stove",
4     "price": 5000,
5     "dateAdded": "2020-10-19T14:22:11.325114",
6     "deletedFlag": false,
7     "categoryId": {
8       "name": "home_utensils",
9       "activeCategory": true,
10      "id": 3
11    },
12    "id": 4
13  },
14  {
15    "name": "vessel",
16    "price": 500,
17    "dateAdded": "2020-10-19T14:22:11.328116",
18    "deletedFlag": false,
19    "categoryId": {
20      "name": "home_utensils",
21      "activeCategory": true
22    }
23  }
24 ]
```

Get Products by id:

URL: <http://localhost:8080/api/product/4>

GET <http://localhost:8080/api/product/4> Params Send Save

☒ Authorization Bearer eyJhbGciOiJIUzI1NiIsInR5cGE6YWV0IjoiZG1pb...
☐ Authorization
☒ Content-Type application/json

New key Value Description

Body Cookies Headers (11) Test Results Status: 200 OK Time: 79 ms

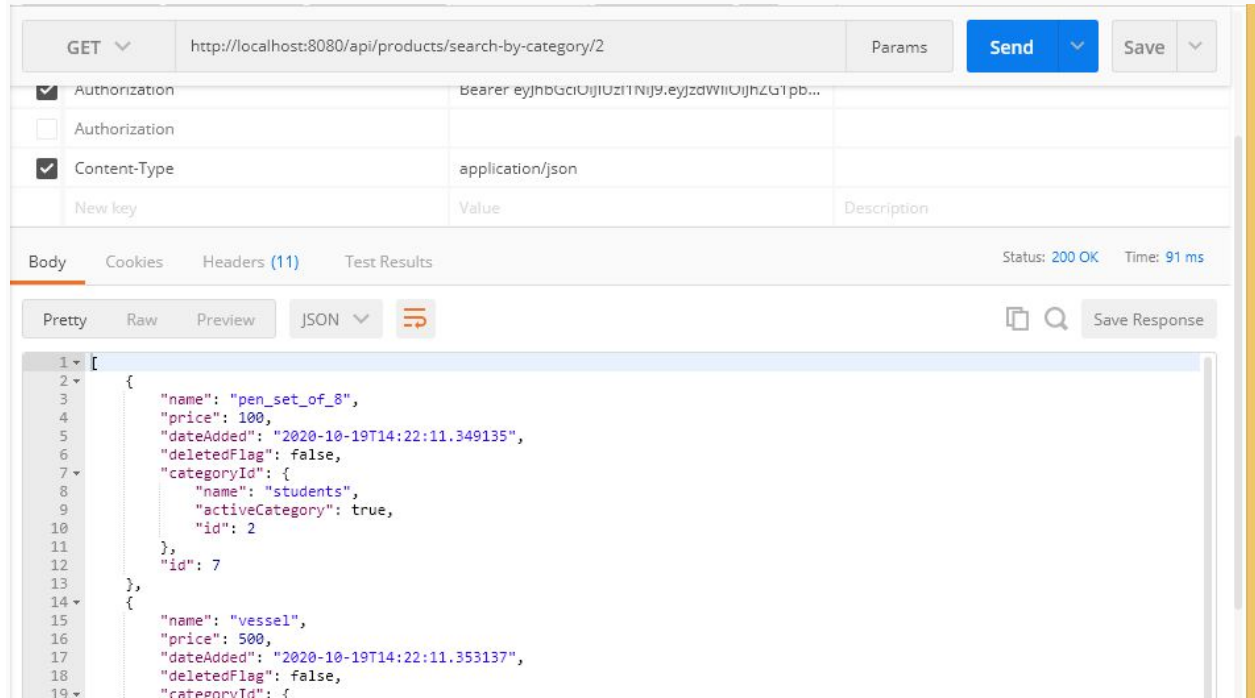
Pretty Raw Preview JSON Save Response

```
1 {
2   "name": "stove",
3   "price": 5000,
4   "dateAdded": "2020-10-19T14:22:11.325114",
5   "deletedFlag": false,
6   "categoryId": {
7     "name": "home_utensils",
8     "activeCategory": true,
9     "id": 3
10  },
11  "id": 4
12 }
```

Search Products by category:

URL: <http://localhost:8080/api/products/search-by-category/1>

Screenshot;

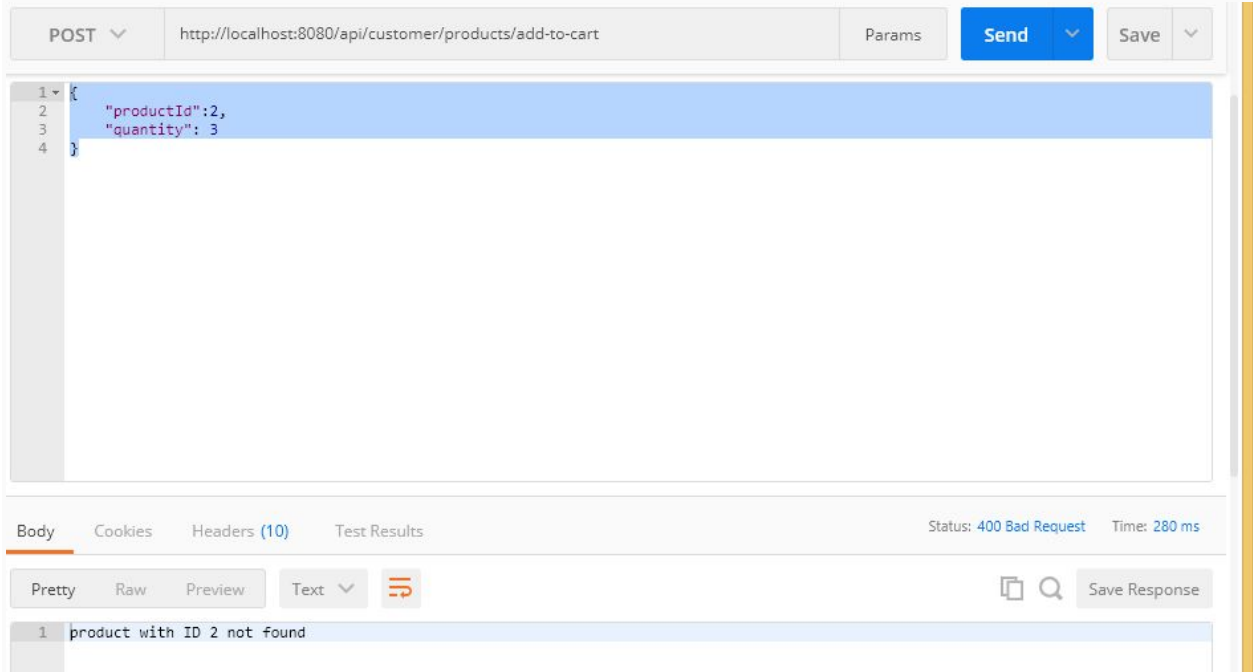


Add to cart:

URL <http://localhost:8080/api/customer/products/add-to-cart>

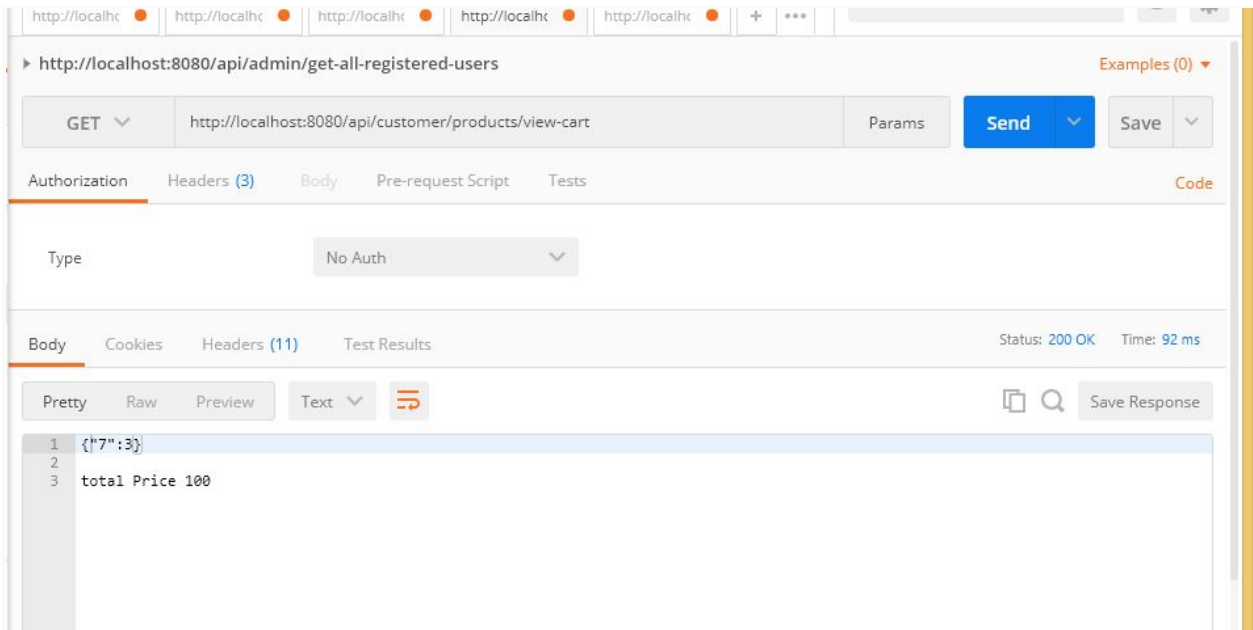
Sample input:

```
{
  "productId": 2,
  "quantity": 3
}
```

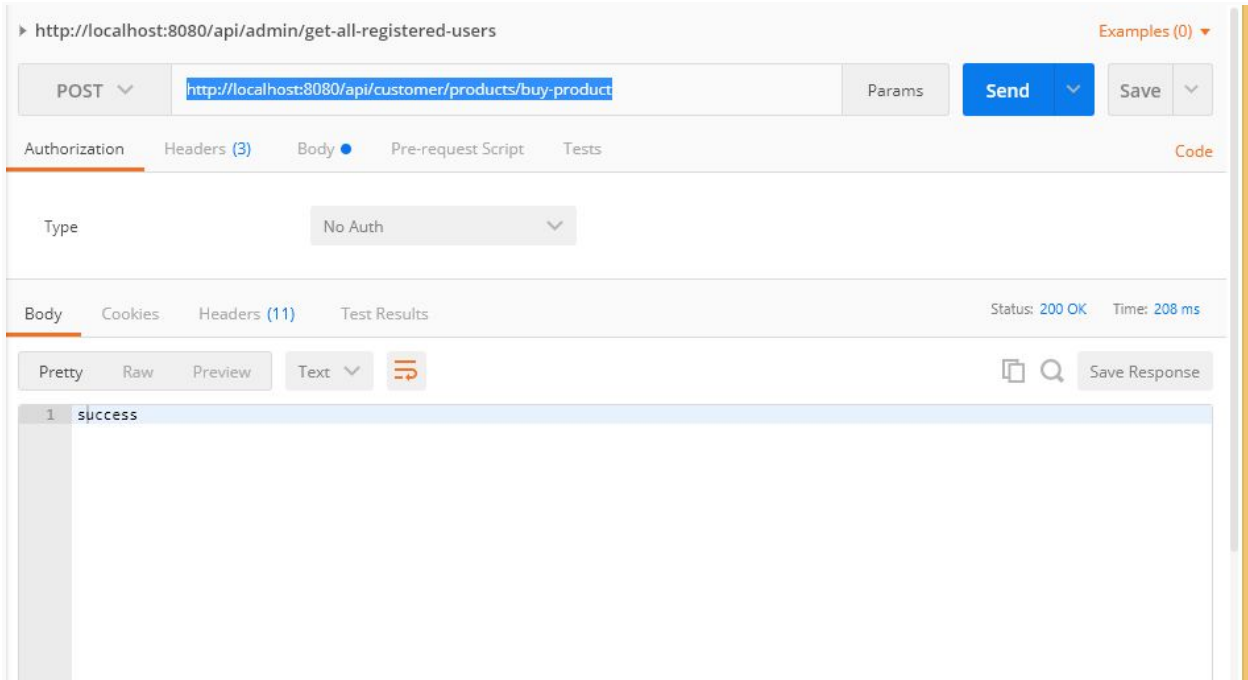
View cart:

URL: `http://localhost:8080/api/customer/products/view-cart`



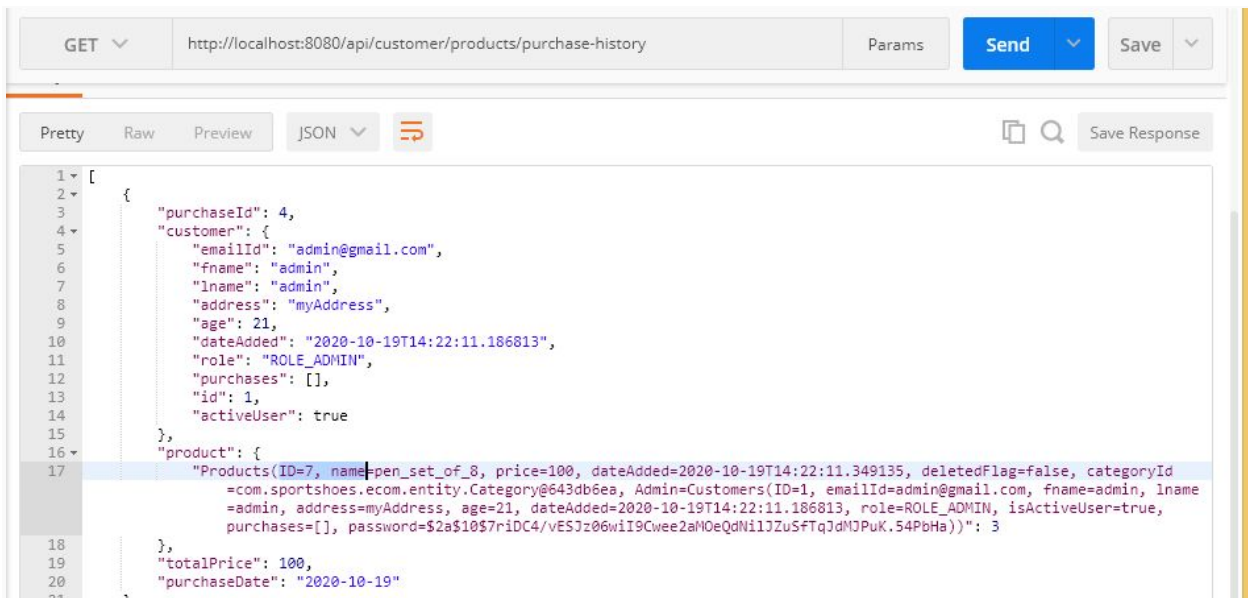
Buy PProduct:

URL: <http://localhost:8080/api/customer/products/buy-product>



View My purchase history:

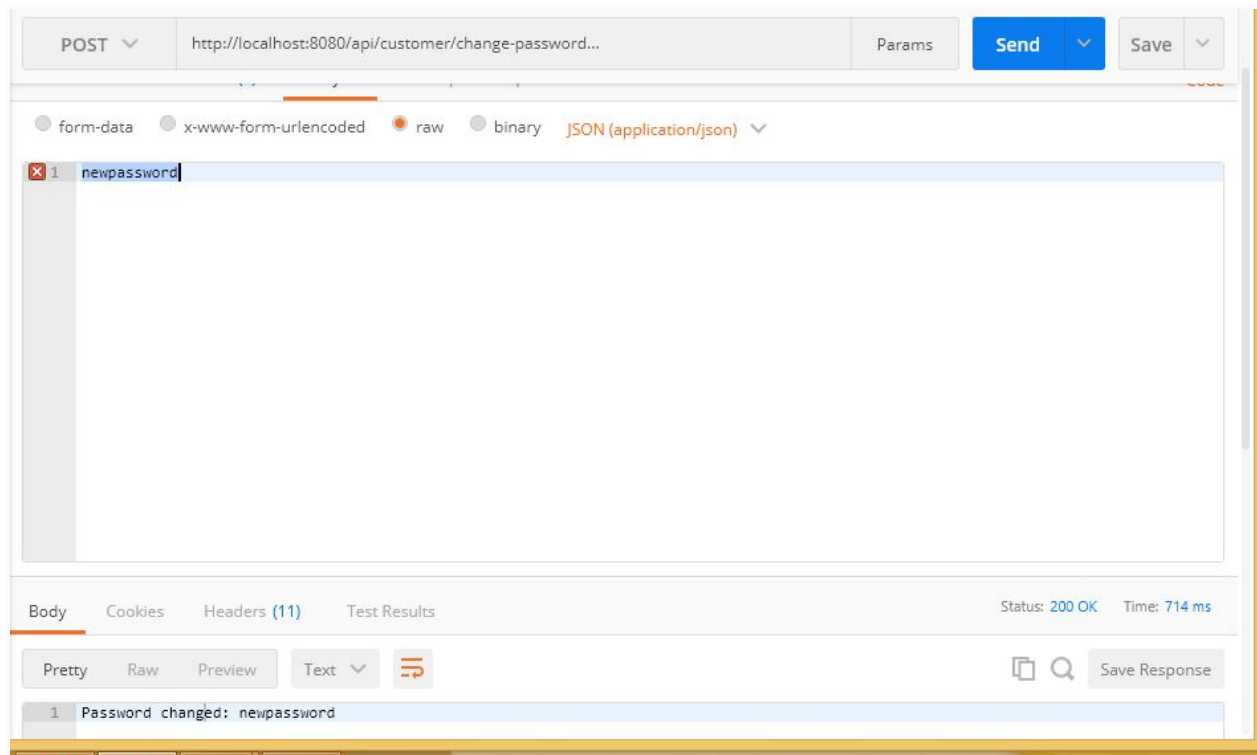
URL: <http://localhost:8080/api/customer/products/purchase-history>



Change password:

URL: <http://localhost:8080/api/customer/change-password>

Sample input: newPassword



Continuous Integration and continuous delivery :

Jenkins Screenshots:

Jenkins dashboard:

itHub - wahidKha... Simplilearn - Discus... Log in to continue -... RouterDemo o really Dependency Injecti... Options Options PostMan

search admin log out

add description

S	W	Name ↓	Last Success	Last Failure	Last Duration
		test	N/A	N/A	N/A
		test1	19 min - #3	24 min - #2	2 min 33 sec

Icon: S M L

Legend Atom feed for all Atom feed for failures Atom feed for just latest builds

11:34 AM 19-Oct-20

Jenkins workspace:

Jenkins search admin log out

Jenkins test1

Back to Dashboard Status Changes Workspace Wipe Out Current Workspace Build Now Configure Delete Project Git Polling Log Rename

Workspace of test1 on master

.git		
.mvn/wrapper		
src		
target		
.gitignore	Oct 19, 2020, 11:13:45 AM	428 B view
mvnw	Oct 19, 2020, 11:13:45 AM	10.14 KB view
mvnw.cmd	Oct 19, 2020, 11:13:45 AM	6.63 KB view
pom.xml	Oct 19, 2020, 11:13:45 AM	4.51 KB view

(all files in zip)

General **Source Code Management** Build Triggers Build Environment Build Post-build Actions

☐ None
☒ Git

Repositories

Repository URL

Credentials

Branches to build

Branch Specifier (blank for 'any')

General Source Code Management Build Triggers **Build Environment** Build Post-build Actions

☐ Abort the build if it's stuck
☐ Add timestamps to the Console Output
☐ Inspect build log for published Gradle build scans
☐ With Ant

Build

Execute Windows batch command

Command

[See the list of available environment variables](#)

Git Polling Log

```

Started on Oct 19, 2020, 11:36:00 AM
Using strategy: Default
[poll] Last Built Revision: Revision 8808b2745d9088b94e0d7b5c90a8ed8f4197b50e (refs/remotes/origin/master)
The recommended git tool is: NONE
No credentials specified
> git.exe --version # timeout=10
> git --version # 'git version 2.27.0.windows.1'
> git.exe ls-remote -h -- https://github.com/sandeshMS1996/SportsShoesEcomApp.git # timeout=10
Found 2 remote heads on https://github.com/sandeshMS1996/SportsShoesEcomApp.git
[poll] Latest remote head revision on refs/heads/master is: 8808b2745d9088b94e0d7b5c90a8ed8f4197b50e - already built by 3
Done. Took 1.2 sec
No changes

```

Jenkins Build pipeline for demonstration:

The image shows the Jenkins web interface for a pipeline named "my_test_Pipeline". The top navigation bar includes the Jenkins logo, a search bar, a notification bell with a red "1", the user "admin", and a "log out" button. Below the navigation bar, the breadcrumb "Jenkins > my_test_Pipeline" is visible. The main section is titled "Build Pipeline" and contains a row of icons: Run, History, Configure, Add Step, Delete, and Manage. Below this, a list of pipeline builds is shown. The first build, #9, is highlighted and expanded, showing a green status bar with the text "#9 test1". Below the status bar, the build details are displayed: "Oct 19, 2020 7:49:13 PM", "3 min 4 sec", and "admin". The second build, #1, is also visible, showing a green status bar with the text "#1 post test", "Oct 19, 2020 7:52:25 PM", and "4.1 sec".

Jenkins

my_test_Pipeline

Build Pipeline

Run History Configure Add Step Delete Manage

Pipeline #9

#9 test1

Oct 19, 2020 7:49:13 PM

3 min 4 sec

admin

#1 post test

Oct 19, 2020 7:52:25 PM

4.1 sec