

1) Create Admin User

a) URL: POST <http://localhost:8080/api/v1/users>

b) Body:

```
{
  "username": "john_d",
  "fullName": "John Doe",
  "email": "johnd@gmail.com",
  "isAdmin": true,
  "password": "johnd"
}
```

2) Create Non-admin User

a) URL: POST <http://localhost:8080/api/v1/users>

b) Body:

```
{
  "username": "harry",
  "fullName": "Harry Potter",
  "email": "harry@gmail.com",
  "isAdmin": false,
  "password": "harryp"
}
```

3) **Login with Admin User credentials** and copy the session token and paste it in Authentication as a Bearer Token

a) URL: POST <http://localhost:8080/api/v1/users/login>

b) Body:

```
{
  "username": "john_d",
  "password": "johnd"
}
```

c) Copy the session token generated and paste it in the Authentication tab as a Bearer Token.

4) Create 2 Categories

a) URL: POST <http://localhost:8080/api/v1/categories>

b) Body:

```
{
  "name": "Luggage",
  "description": "All types of bags, laptop bags, travel bags, etc"
}
```

c) URL: SAME AS BEFORE

d) Body:

```
{
```

```
"name": "Clothing",  
"description": "All types of clothing"  
}
```

5) Create Products

a) URL: POST <http://localhost:8080/api/v1/products>

b) Body:

```
{  
  "name": "Laptop Bag",  
  "description": "Sleek beautiful laptop bag",  
  "price": 45,  
  "quantityInStock": 10,  
  "image": "https://fakestoreapi.com/img/81fPKd-2AYL._AC_SL1500_.jpg",  
  "categoryId": "COPY AND PASTE THE _id OF THE CATEGORY Luggage HERE"  
}
```

c) URL: SAME AS BEFORE

d) Body:

```
{  
  "name": "Travel bag",  
  "description": "Stylish elegant travel bag",  
  "price": 80,  
  "quantityInStock": 5,  
  "image": "https://fakestoreapi.com/img/71YXzeOusIL._AC_UY879_.jpg",  
  "categoryId": "COPY AND PASTE THE _id OF THE CATEGORY Luggage HERE "  
}
```

6) Get all Categories

a) URL: GET <http://localhost:8080/api/v1/categories>
(You should see all categories' details.)

7) Get all Products

a) URL: GET <http://localhost:8080/api/v1/products>
(You should see all products' details.)

8) Get all Users

a) URL: GET <http://localhost:8080/api/v1/users>
(You should see all users' details.)

9) Logout

a) URL: GET <http://localhost:8080/api/v1/users/logout>

10) **Login with Non-admin User** and copy the session token and paste it in Authentication as a Bearer Token

- a) URL: POST <http://localhost:8080/api/v1/users/login>
- b) Body:

```
{
  "username": "harry",
  "password": "harryp"
}
```
- c) Copy the session token generated and paste it in the Authentication tab as a Bearer Token.

11) Get all Products

- a) URL: GET <http://localhost:8080/api/v1/products>
(You should see all product details.)

12) Add Products to Cart

- a) URL: POST <http://localhost:8080/api/v1/carts>
- b) Body:

```
{
  "userId": "COPY AND PASTE THE _id of USER Harry Potter HERE",
  "orderTotalPrice": 90,
  "products": {
    "productId": "COPY AND PASTE THE _id of PRODUCT Laptop Bag HERE",
    "productPrice": 45,
    "quantity": 2
  }
}
```
- c) URL: POST <http://localhost:8080/api/v1/carts>
- d) Body:

```
{
  "userId": " COPY AND PASTE THE _id of USER Harry Potter HERE ",
  "orderTotalPrice": 160,
  "products": {
    "productId": "COPY AND PASTE THE _id of PRODUCT Travel Bag HERE",
    "productPrice": 80,
    "quantity": 2
  }
}
```

13) Get Cart details

- a) URL: GET <http://localhost:8080/api/v1/carts>
(You should see the Cart details.)

14) Place an Order

- a) URL: <http://localhost:8080/api/v1/orders>
- b) Body:

```
{
```

```
"userId": " COPY AND PASTE THE _id of USER Harry Potter HERE ",
"orderTotalPrice": 250,
"products": {
  " COPY AND PASTE THE _id of PRODUCT Laptop Bag HERE ": {
    "_id": " COPY AND PASTE THE _id of PRODUCT Laptop Bag HERE ",
    "price": 45,
    "units": 2,
    "name": "Laptop Bag",
    "image": "https://fakestoreapi.com/img/81fPKd-2AYL._AC_SL1500_.jpg"
  },
  " COPY AND PASTE THE _id of PRODUCT Travel Bag HERE ": {
    "_id": " COPY AND PASTE THE _id of PRODUCT Travel Bag HERE ",
    "price": 80,
    "units": 2,
    "name": "Travel bag",
    "image": "https://fakestoreapi.com/img/71YXzeOusIL._AC_UY879_.jpg"
  }
},
"shippingDetails": {
  "address": "Brooklyn",
  "phoneNo": 374743,
  "emailId": "harry@gmail.com"
}
}
```

15) Get Order History

- a) URL: GET <http://localhost:8080/api/v1/orders>
(You should see the order details.)

16) Get Cart details

- a) URL: GET <http://localhost:8080/api/v1/carts>
(Cart should be empty.)