# **CART SERVICES**

# **ADD A PRODUCT TO CART**

**POST** [**http://localhost:8080/cart/add**](http://localhost:8080/cart/add)

**REQUEST HEADERS :**

**Auth-Token -> MQ==**

**[Auth-Token is given after the user logs in. This token can be used by user to add products to his car, place orders etc]**

**JSON REQUEST**

*{*

*"productId":1,*

*"quantity":1*

*}*

**JSON RESPONSE**

200 OK Cart Details

*{*

*"cartId": 1,*

*"productsInOrder": [*

*{*

*"id": 1,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 100,*

*"count": 1*

*}*

*]*

*}*

**NOTE: The “productStock” value would decrease for a product only after an order is placed.**

# **UPDATE PRODUCT IN A CART**

**REQUEST**

**PUT** [**http://localhost:8080/cart/{productId}?quantity={quantity}**](http://localhost:8080/cart/%7bproductId%7d?quantity=%7bquantity%7d)

**REQUEST HEADER**

**Auth-Token -> MQ==**

**Eg. http://localhost:8080/cart/1?quantity=2**

**RESPONSE**

**200 OK with Updated Cart Details**

*{*

*"cartId": 1,*

*"productsInOrder": [*

*{*

*"id": 1,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 100,*

*"count": 3*

*}*

*]*

*}*

# **GET CART DETAILS**

**REQUEST**

**GET** [**http://localhost:8080/cart**](http://localhost:8080/cart)

**REQUEST HEADER**

**Auth-Token -> MQ==**

**RESPONSE 200 OK with cart details**

*{*

*"cartId": 1,*

*"productsInOrder": [*

*{*

*"id": 1,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 100,*

*"count": 1*

*},*

*{*

*"id": 2,*

*"productId": 2,*

*"productName": "Dove Soap",*

*"productPrice": 30,*

*"productStock": 100,*

*"count": 1*

*}*

*]*

*}*

**DELETE PRODUCT FROM CART**

**DELETE**  [**http://localhost:8080/cart/1**](%20http://localhost:8080/cart/1)

**REQUEST HEADER**

**Auth-Token -> MQ==**

**RESPONSE**:

**200OK with CART DETAILS, CONTAINING 1 LESS QUANTITY OF THE PRODUCT**

*{*

*"cartId": 1,*

*"productsInOrder": [*

*{*

*"id": 2,*

*"productId": 2,*

*"productName": "Dove Soap",*

*"productPrice": 30,*

*"productStock": 100,*

*"count": 1*

*}*

*]*

*}*

**CHECKOUT FROM CART**

**REQUEST**

**POST** [**http://localhost:8080/cart/checkout**](http://localhost:8080/cart/checkout)

**REQUEST HEADER**

**Auth-Token -> MQ==**

**REPONSE**

200 OK – Order Created with ID 1

**Note: Checking out from a cart creates an Order with all the current items in the cart for that User. The cart then becomes empty.**

ASSUMPTIONS:

* User can access only one’s own cart.
* Once a user checks out, and order is created the product stock is decreased.
* A user and cart are associated, and there would be frequent access between the two, which is why it would be a separate microservice.