# **ORDER SERVICES**

# **NOTE: An order cannot be created using an API for this system. An order gets automatically created when a user checkout from his cart.**

**A User can see his list of orders using the following API.**

**An order can have 4 Status:**

1. **CREATED – When a user checks out from cart an order is created**
2. **PAID – When user chooses delivery date and pays for the order**
3. **PLACED – When the User has payed for the order, but has still not placed the order.**
4. **PLACED – The order is placed and confirmed.**

The order hierarchy goes like this

Created -> Paid -> Placed -> Cancelled

## **GET ALL ORDERS FOR A USER**

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

**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 RESPONSE**

200 OK All Current Orders

*[*

*{*

*"orderId": 1,*

*"userId": 1,*

*"phone": 0,*

*"email": "mishabuch@gmail.com",*

*"address": "240 Manekbaug Society",*

*"orderProduct": [*

*{*

*"id": 3,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 100,*

*"count": 3*

*}*

*],*

*"status": "CREATED",*

*"totalValue": 300,*

*"orderDate": null,*

*"deliveryDate": null*

*}*

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

# **GET DETAILS OF AN ORDER**

**REQUEST**

**GET** [**http://localhost:8080/order/{orderId}**](http://localhost:8080/order/%7borderId%7d)

**REQUEST HEADER**

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

**Eg. http://localhost:8080/order/1**

**RESPONSE**

**200 OK with Order Details**

*{*

*"orderId": 1,*

*"userId": 1,*

*"phone": 0,*

*"email": "mishabuch@gmail.com",*

*"address": "240 Manekbaug Society",*

*"orderProduct": [*

*{*

*"id": 3,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 100,*

*"count": 3*

*}*

*],*

*"status": "CREATED",*

*"totalValue": 300,*

*"orderDate": 1221234234,*

*"deliveryDate": 1221234234*

}

# **PAY FOR AN ORDER**

**REQUEST**

**PATCH** http://localhost:8080/order/pay/{orderId}?deliverydate={deliveryDate}

**REQUEST HEADER**

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

**RESPONSE 200 OK with updated Order Details**

**200 OK with Order Details**

*{*

*"orderId": 1,*

*"userId": 1,*

*"phone": 0,*

*"email": "mishabuch@gmail.com",*

*"address": "240 Manekbaug Society",*

*"orderProduct": [*

*{*

*"id": 3,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 100,*

*"count": 3*

*}*

*],*

*"status": "PAID",*

*"totalValue": 300,*

*"orderDate": 1221234234,*

*"deliveryDate": 1221234234*

}

# **PLACE AN ORDER**

**REQUEST**

**PATCH** http://localhost:8080/order/place/{orderId}

**REQUEST HEADER**

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

**RESPONSE 200 OK with updated Order Details**

**200 OK with Order Details**

*{*

*"orderId": 1,*

*"userId": 1,*

*"phone": 0,*

*"email": "mishabuch@gmail.com",*

*"address": "240 Manekbaug Society",*

*"orderProduct": [*

*{*

*"id": 3,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 97,*

*"count": 3*

*}*

*],*

*"status": "PLACED",*

*"totalValue": 300,*

*"orderDate": 1221234234,*

*"deliveryDate": 1221234234*

}

# **CANCEL AN ORDER**

**REQUEST**

**PATCH** http://localhost:8080/order/cancel/{orderId}

**REQUEST HEADER**

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

**RESPONSE 200 OK with updated Order Details**

**200 OK with Order Details**

*{*

*"orderId": 1,*

*"userId": 1,*

*"phone": 0,*

*"email": "mishabuch@gmail.com",*

*"address": "240 Manekbaug Society",*

*"orderProduct": [*

*{*

*"id": 3,*

*"productId": 1,*

*"productName": "TATA Tea",*

*"productPrice": 100,*

*"productStock": 100,*

*"count": 3*

*}*

*],*

*"status": "CANCELLED",*

*"totalValue": 300,*

*"orderDate": 1221234234,*

*"deliveryDate": 1221234234*

}

ASSUMPTIONS

* An order can only be placed after it is payed for.
* An order can only be cancelled if it is placed.