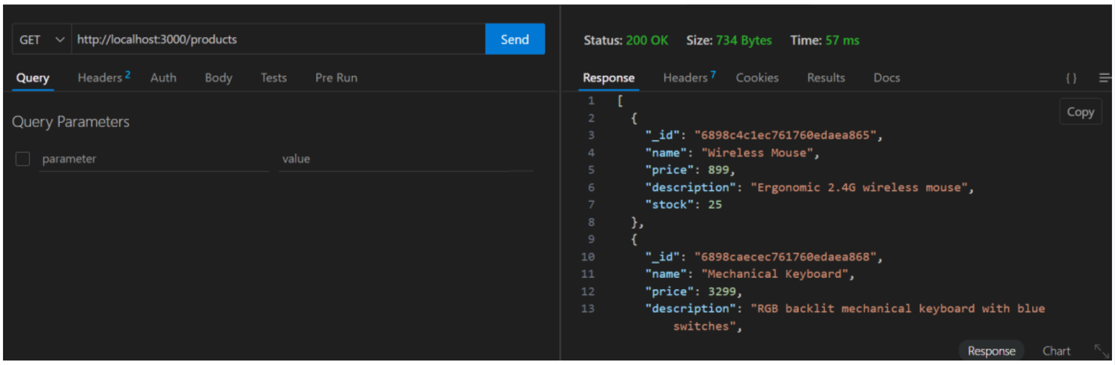
ShoppyGlobe(backend)

API Testing Screenshots

- GET /products success

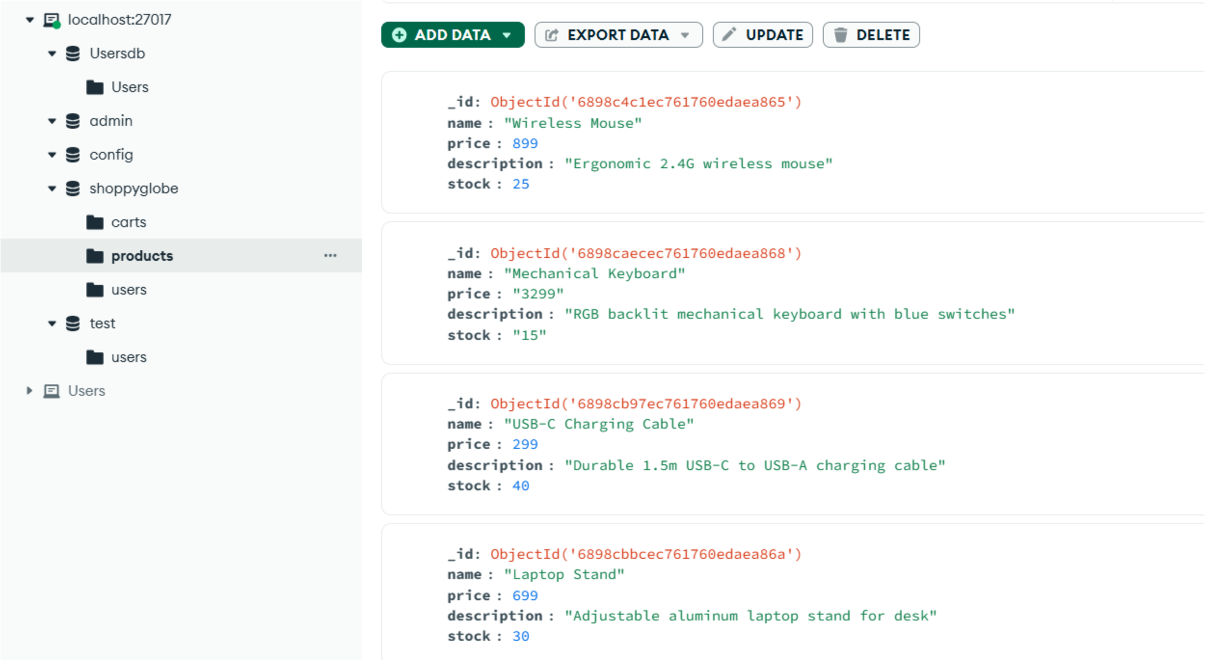


GET http://localhost:3000/products

Status: 200 OK Size: 734 Bytes Time: 57 ms

```
[
  {
    "_id": "6898c4c1ec761760edaea865",
    "name": "Wireless Mouse",
    "price": 899,
    "description": "Ergonomic 2.4G wireless mouse",
    "stock": 25
  },
  {
    "_id": "6898caecec761760edaea868",
    "name": "Mechanical Keyboard",
    "price": 3299,
    "description": "RGB backlit mechanical keyboard with blue
        switches",
```

MongoDB:



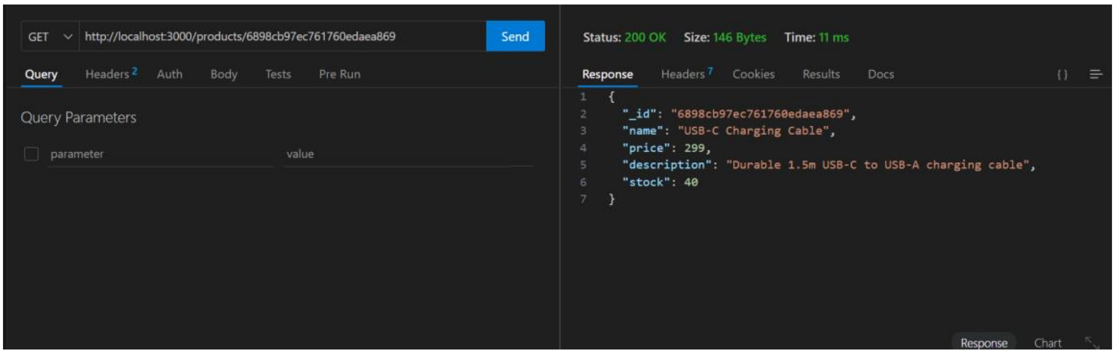
```
_id: ObjectId('6898c4c1ec761760edaea865')
name : "Wireless Mouse"
price : 899
description : "Ergonomic 2.4G wireless mouse"
stock : 25

_id: ObjectId('6898caecec761760edaea868')
name : "Mechanical Keyboard"
price : "3299"
description : "RGB backlit mechanical keyboard with blue switches"
stock : "15"

_id: ObjectId('6898cb97ec761760edaea869')
name : "USB-C Charging Cable"
price : 299
description : "Durable 1.5m USB-C to USB-A charging cable"
stock : 40

_id: ObjectId('6898cbbcec761760edaea86a')
name : "Laptop Stand"
price : 699
description : "Adjustable aluminum laptop stand for desk"
stock : 30
```

- GET /products/:id success :

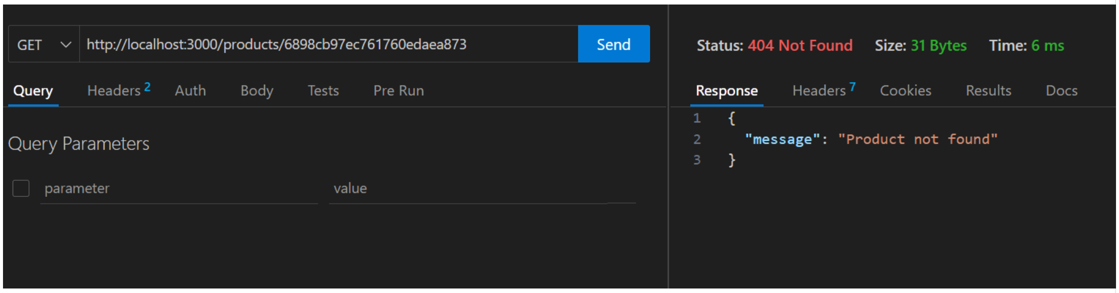


GET http://localhost:3000/products/6898cb97ec761760edaea869

Status: 200 OK Size: 146 Bytes Time: 11 ms

```
{
  "_id": "6898cb97ec761760edaea869",
  "name": "USB-C Charging Cable",
  "price": 299,
  "description": "Durable 1.5m USB-C to USB-A charging cable",
  "stock": 40
}
```

❖ GET /products/:id failed :

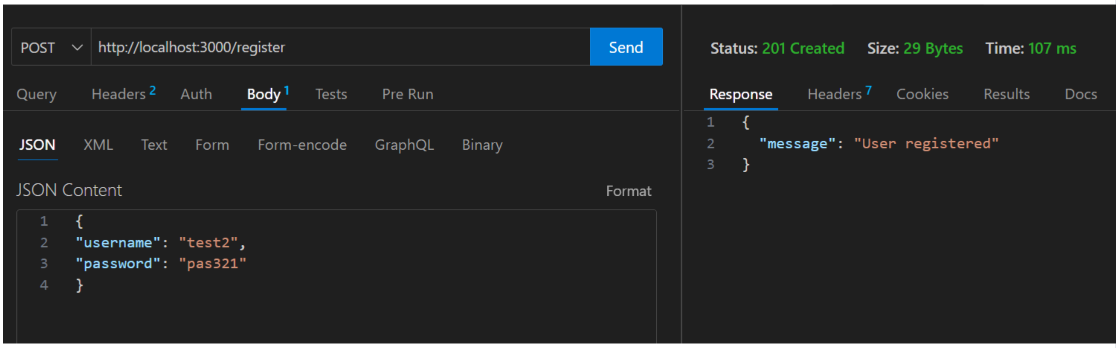


GET http://localhost:3000/products/6898cb97ec761760edaea873

Status: 404 Not Found Size: 31 Bytes Time: 6 ms

```
{
  "message": "Product not found"
}
```

❖ POST /register success :



POST http://localhost:3000/register

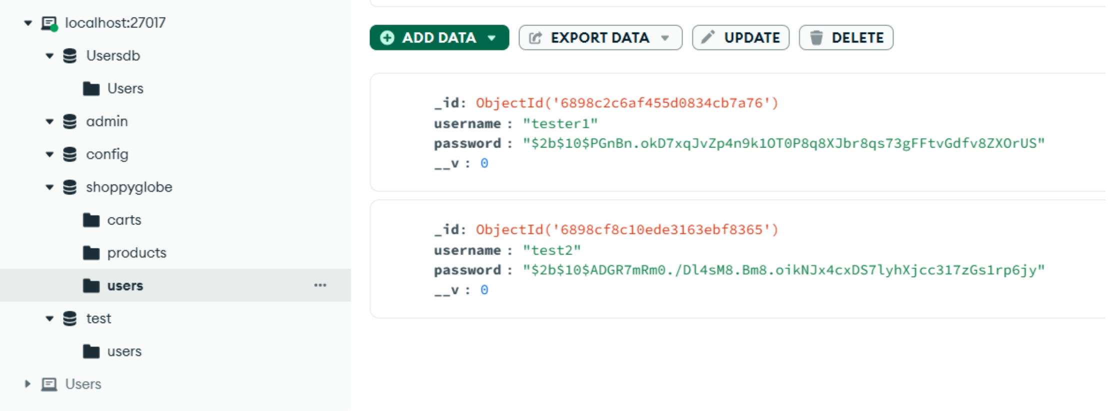
JSON Content

```
{
"username": "test2",
"password": "pas321"
}
```

Status: 201 Created Size: 29 Bytes Time: 107 ms

```
{
  "message": "User registered"
}
```

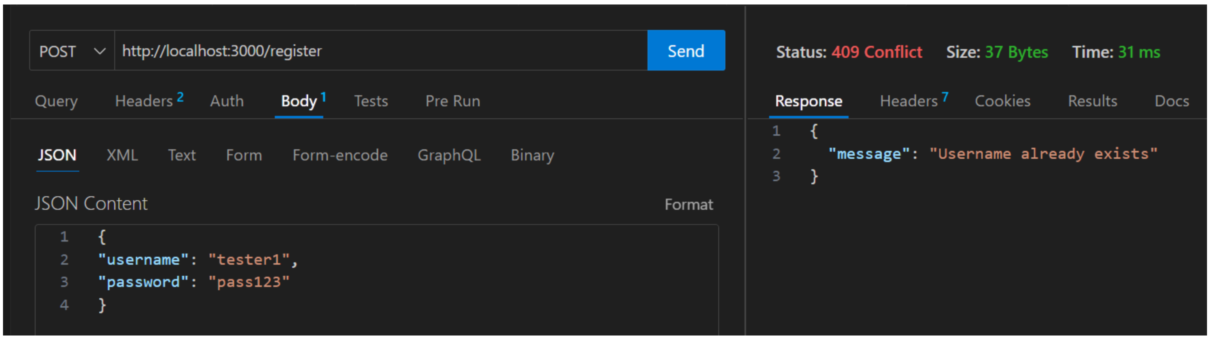
MongoDB:



```
_id: ObjectId('6898c2c6af455d0834cb7a76')
username : "tester1"
password : "$2b$10$PGnBn.okD7xqJvZp4n9k1OT0P8q8XJbr8qs73gFFtvGdfv8ZXOrUS"
__v : 0

_id: ObjectId('6898cf8c10ede3163ebf8365')
username : "test2"
password : "$2b$10$ADGR7mRm0./Dl4sM8.Bm8.oikNJx4cxDS7lyhXjcc317zGs1rp6jy"
__v : 0
```

- POST /register duplicate username conflict :



POST http://localhost:3000/register

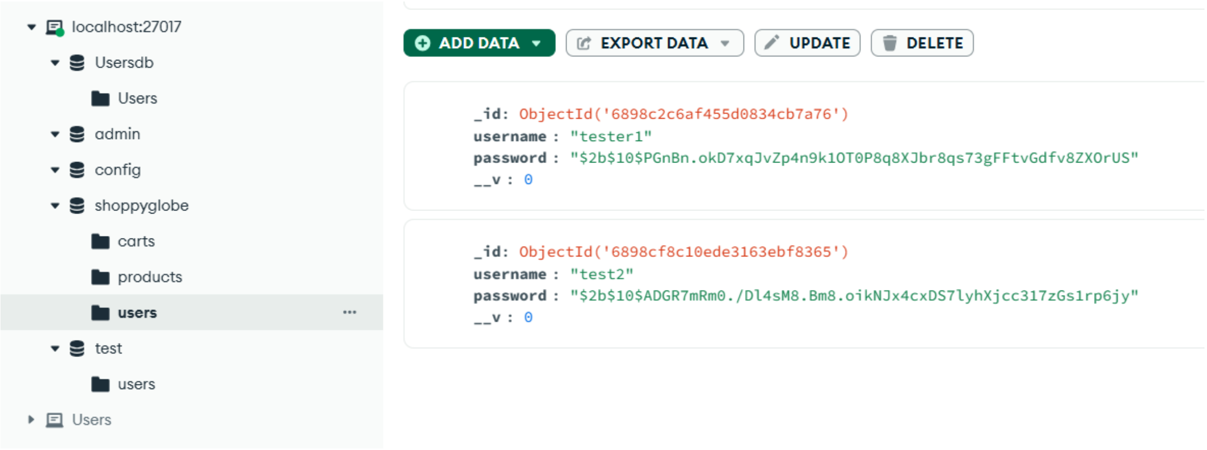
JSON Content

```
{
"username": "tester1",
"password": "pass123"
}
```

Status: 409 Conflict Size: 37 Bytes Time: 31 ms

```
{
  "message": "Username already exists"
}
```

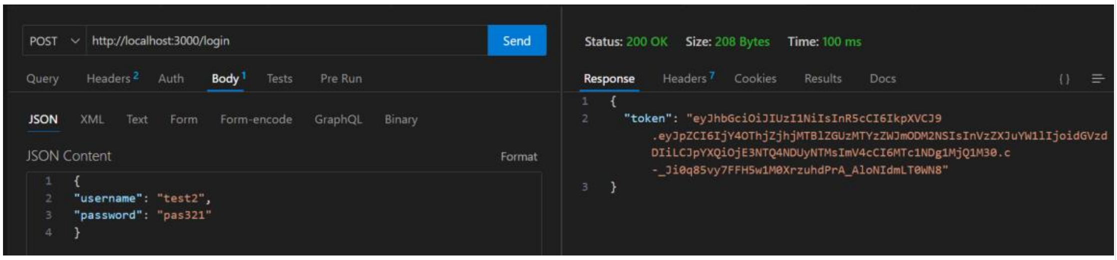
MongoDB:



```
_id: ObjectId('6898c2c6af455d0834cb7a76')
username : "tester1"
password : "$2b$10$PGnBn.okD7xqJvZp4n9k1OT0P8q8XJbr8qs73gFFtvGdfv8ZXOrUS"
__v : 0
```

```
_id: ObjectId('6898cf8c10ede3163ebf8365')
username : "test2"
password : "$2b$10$ADGR7mRm0./Dl4sM8.Bm8.oikNJx4cxDS7lyhXjcc317zGs1rp6jy"
__v : 0
```

- POST /login success with token :



POST http://localhost:3000/login

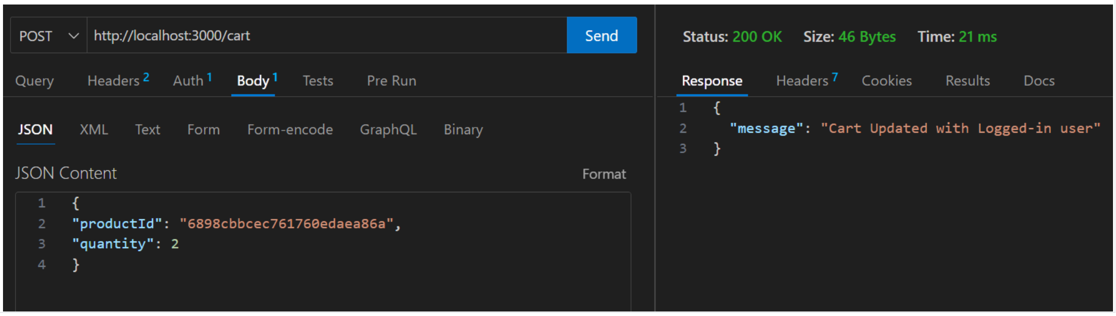
JSON Content

```
{
"username": "test2",
"password": "pas321"
}
```

Status: 200 OK Size: 208 Bytes Time: 100 ms

```
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9
      .eyJpZCI6IjY4OThjZjhjMTBlZGUzMTYzZWJmODM2NSIsInVzZXJuYW1lIjoidGVzd
      DIiLCJpYXQiOjE3NTQ4NDUyNTMsImV4cCI6MTc1NDg1MjQ1M30.c
      -_Ji0q85vy7FFH5w1M0XrzuhdPrA_AloNIdmLT0WN8"
}
```

- POST /cart success (with token) :



POST http://localhost:3000/cart

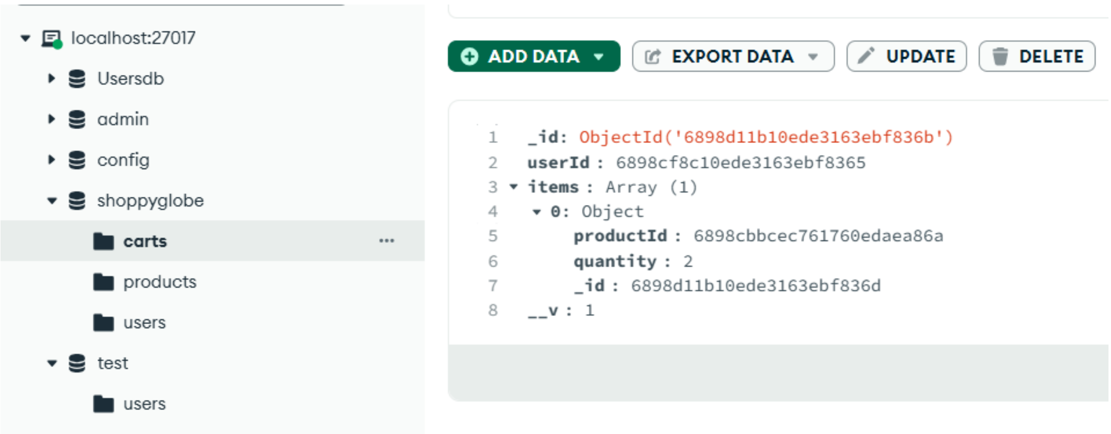
JSON Content

```
{
"productId": "6898cbbcec761760edaea86a",
"quantity": 2
}
```

Status: 200 OK Size: 46 Bytes Time: 21 ms

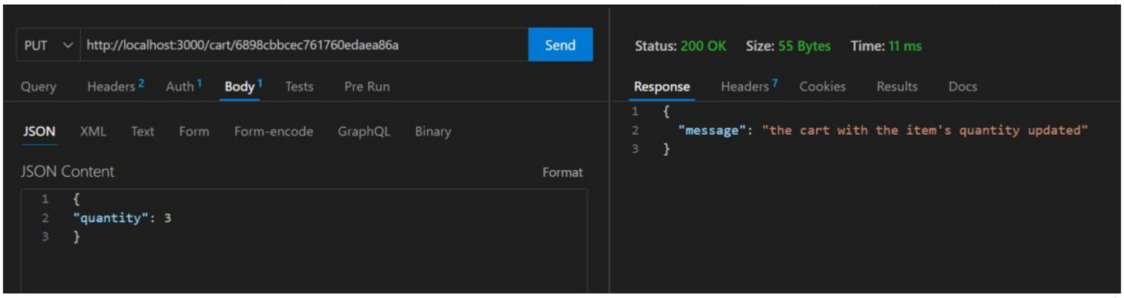
```
{
  "message": "Cart Updated with Logged-in user"
}
```

MongoDB:



```
_id: ObjectId('6898d11b10ede3163ebf836b')
userId : 6898cf8c10ede3163ebf8365
items : Array (1)
  0: Object
    productId : 6898cbbcec761760edaea86a
    quantity : 2
    _id : 6898d11b10ede3163ebf836d
__v : 1
```

❖ PUT /cart/:productId success :



PUT http://localhost:3000/cart/6898cbbcec761760edaea86a

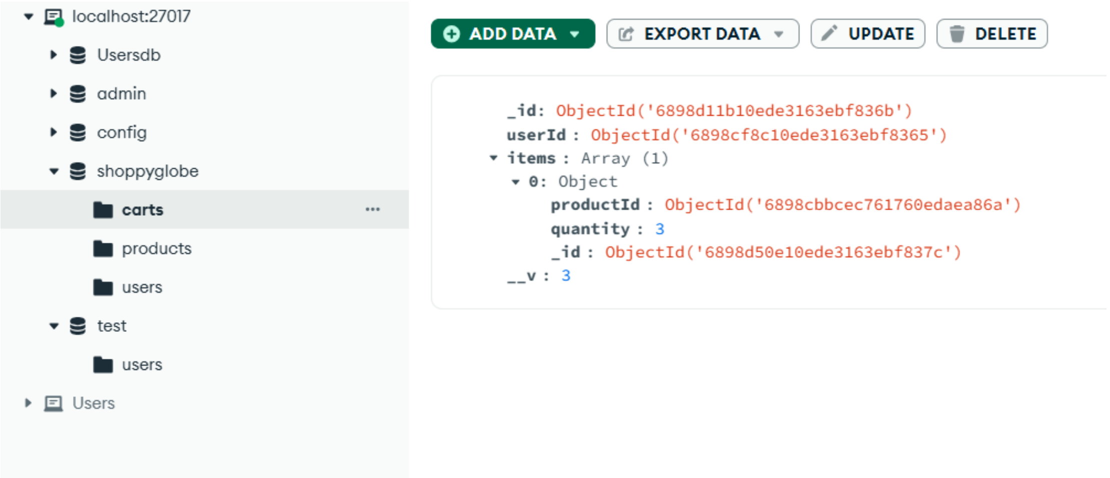
Status: 200 OK Size: 55 Bytes Time: 11 ms

JSON Content

```
{
"quantity": 3
}
```

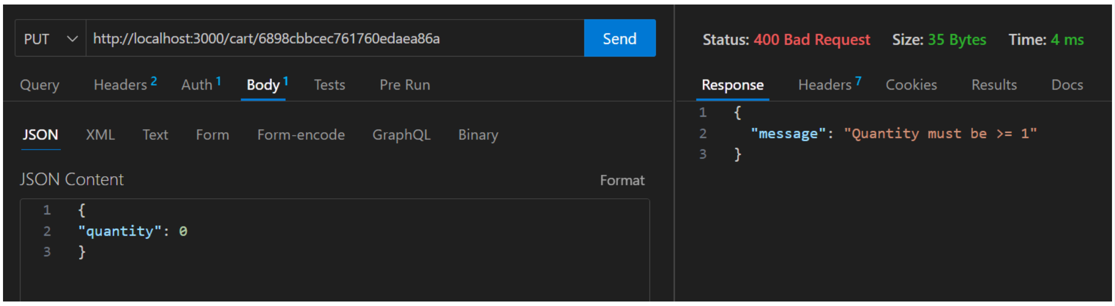
```
{
  "message": "the cart with the item's quantity updated"
}
```

MongoDB:



```
_id: ObjectId('6898d11b10ede3163ebf836b')
userId : ObjectId('6898cf8c10ede3163ebf8365')
items : Array (1)
  0: Object
    productId : ObjectId('6898cbbcec761760edaea86a')
    quantity : 3
    _id : ObjectId('6898d50e10ede3163ebf837c')
__v : 3
```

❖ PUT /cart/:productId invalid-quantity error :



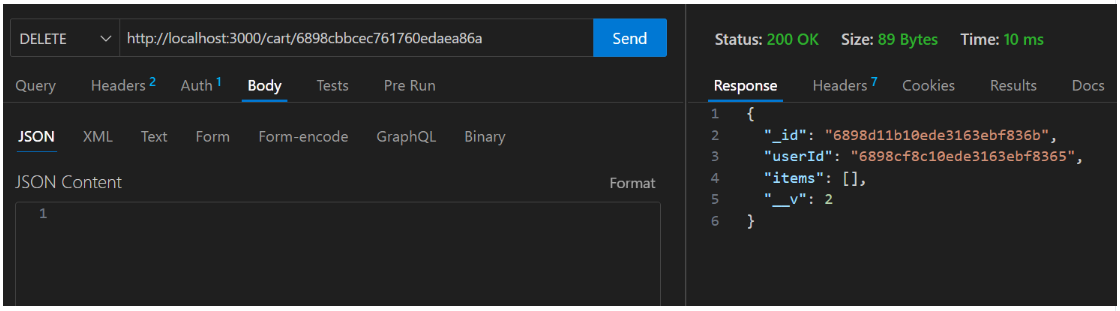
http://localhost:3000/cart/6898cbbcec761760edaea86a

Status: 400 Bad Request   Size: 35 Bytes   Time: 4 ms

```
{
"quantity": 0
}
```

```
{
  "message": "Quantity must be >= 1"
}
```

❖ DELETE /cart/:productId success :

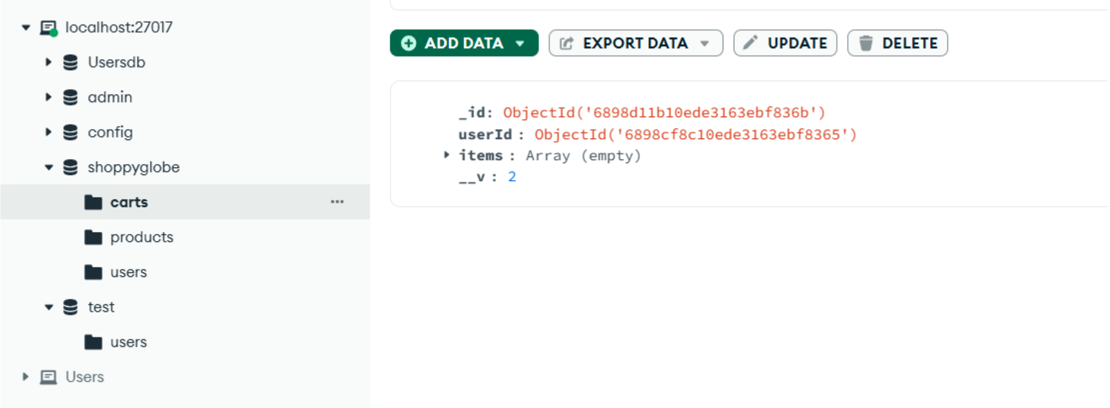


http://localhost:3000/cart/6898cbbcec761760edaea86a

Status: 200 OK   Size: 89 Bytes   Time: 10 ms

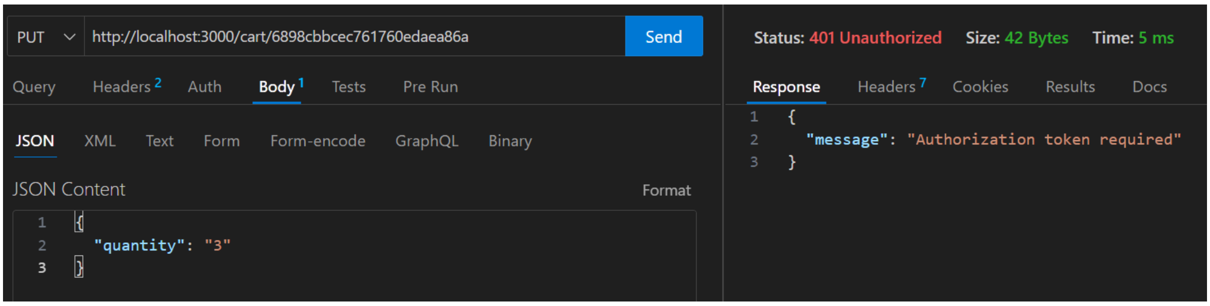
```
{
  "_id": "6898d11b10ede3163ebf836b",
  "userId": "6898cf8c10ede3163ebf8365",
  "items": [],
  "__v": 2
}
```

MongoDB :



```
_id: ObjectId('6898d11b10ede3163ebf836b')
userId : ObjectId('6898cf8c10ede3163ebf8365')
items : Array (empty)
__v : 2
```

- 401 unauthorized case for missing/invalid token :



http://localhost:3000/cart/6898cbbcec761760edaea86a

```
{
  "quantity": "3"
}
```

Status: 401 Unauthorized Size: 42 Bytes Time: 5 ms

```
{
  "message": "Authorization token required"
}
```