**Screenshots of the API testing and MongoDB Database**

**### Authentication**

**#### POST `/api/auth/register`**

Register a new user.

**\*\*Request Body:\*\***

```json

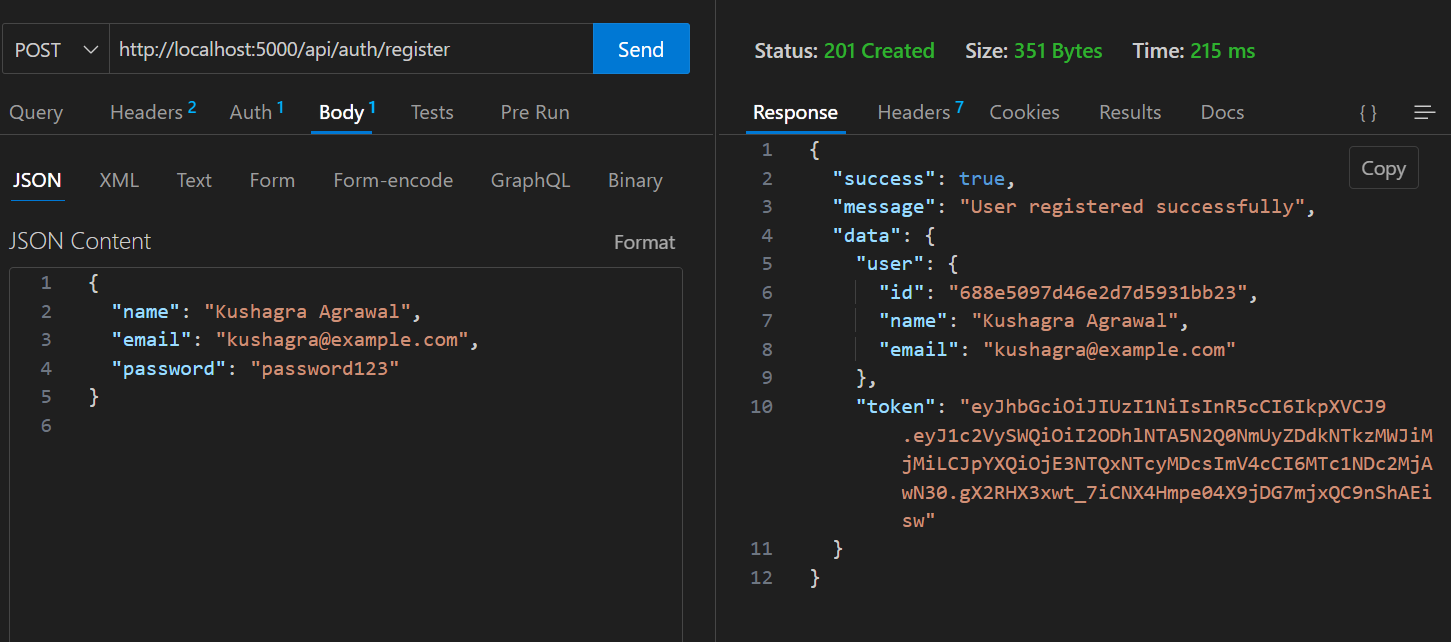
{

  "name": "Kushagra Agrawal",

  "email": "kushagra@example.com",

  "password": "password123"

}

****

**#### POST `/api/auth/login`**

Login user and get JWT token.

**\*\*Request Body:\*\***

```json

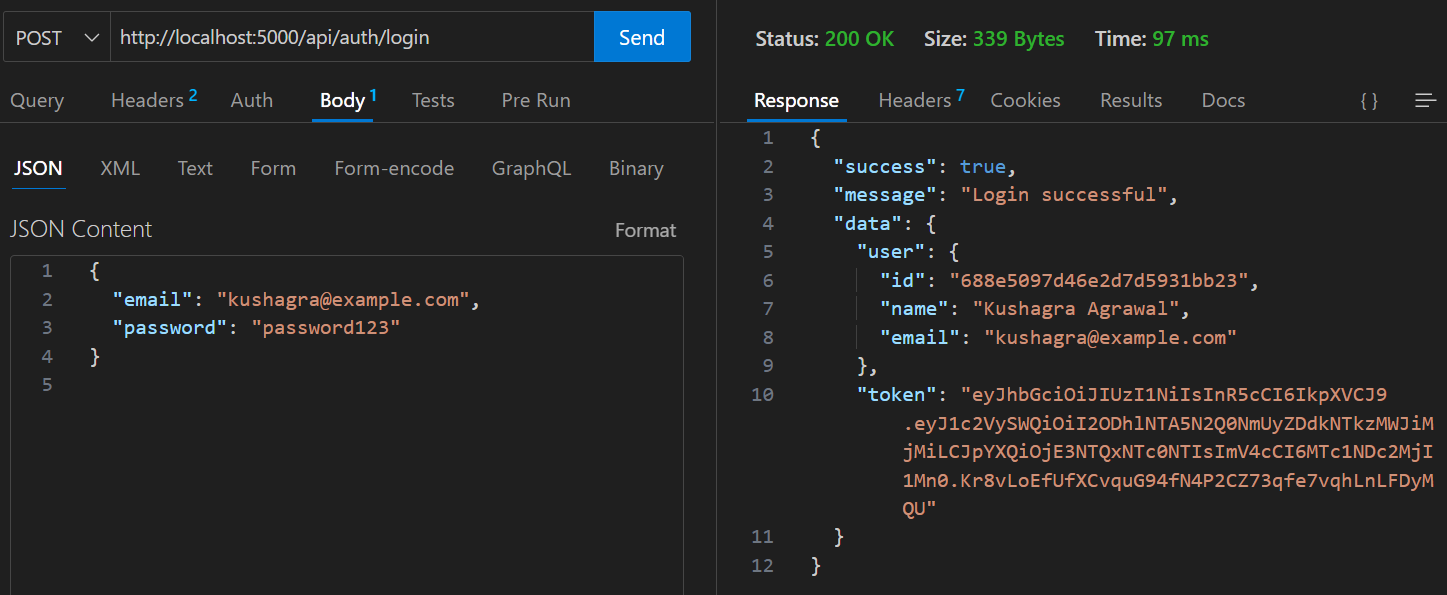
{

  "email": " kushagra@example.com",

  "password": "password123"

}

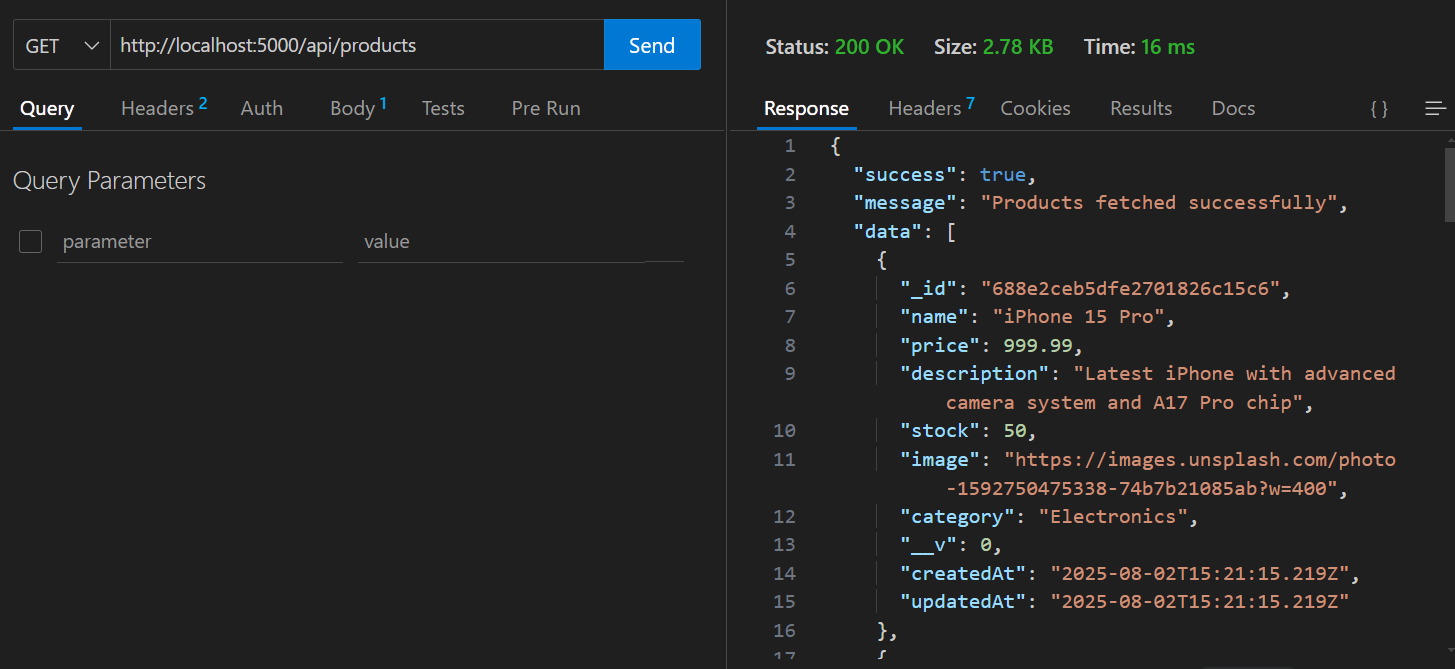
```



**### Products**

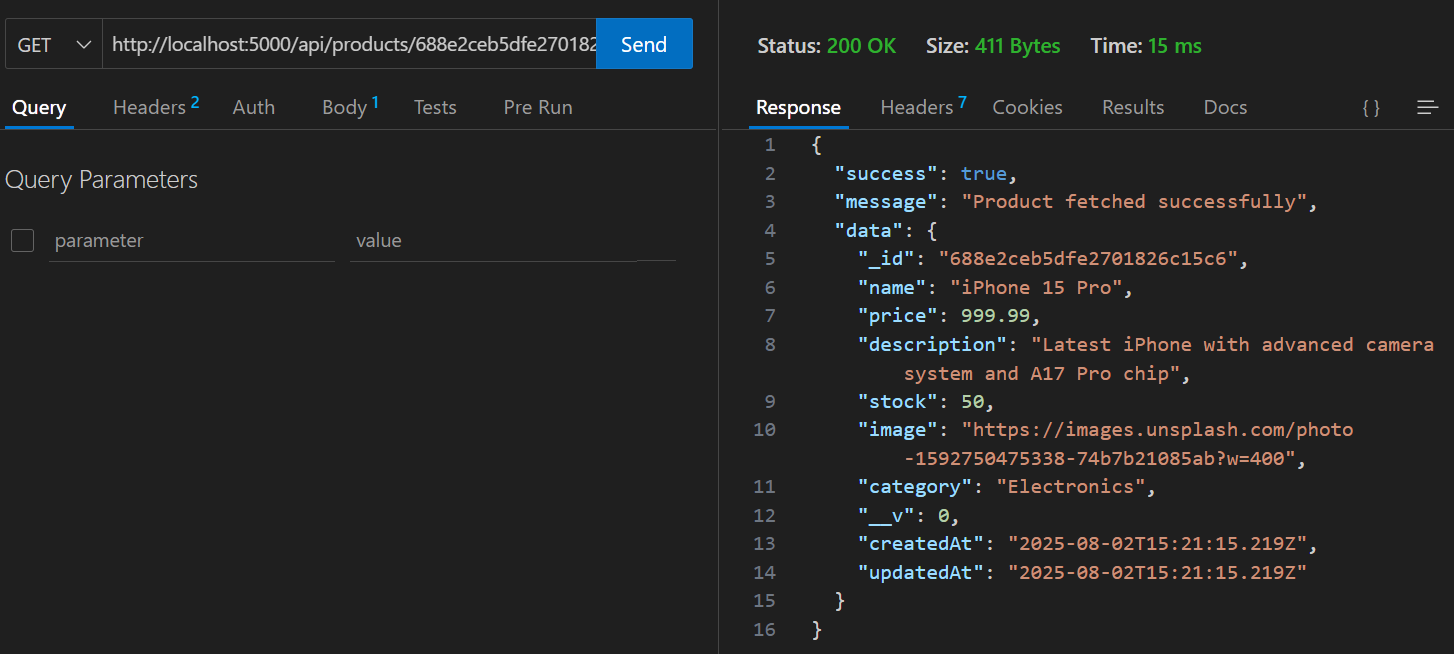
**#### GET `/api/products`**

Get all products.



**#### GET `/api/products/:id`**

Get a single product by ID.



**### Cart (Protected Routes - Requires JWT Token)**

**\*\*Headers required for all cart endpoints:\*\***

```

Authorization: Bearer your\_jwt\_token\_here

```

**#### POST `/api/cart`**

Add product to cart.

**\*\*Request Body:\*\***

```json

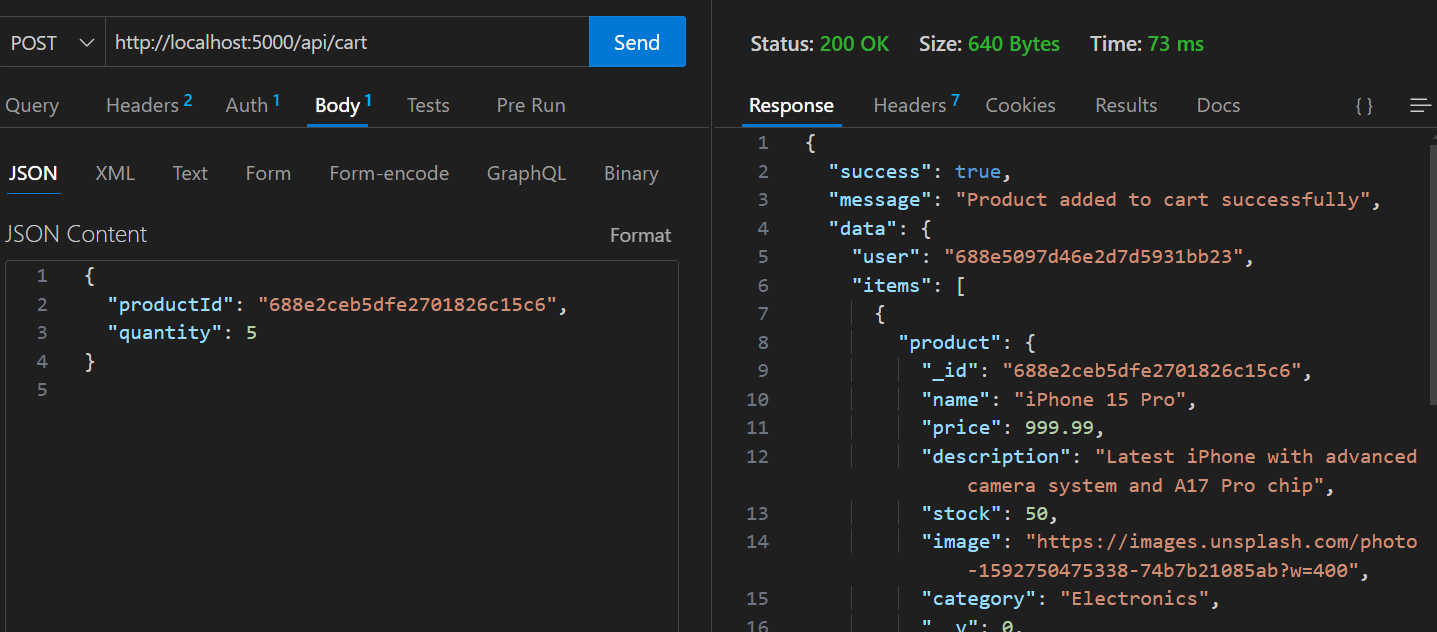
{

  "productId": "product\_id",

  "quantity": “no\_of\_items”

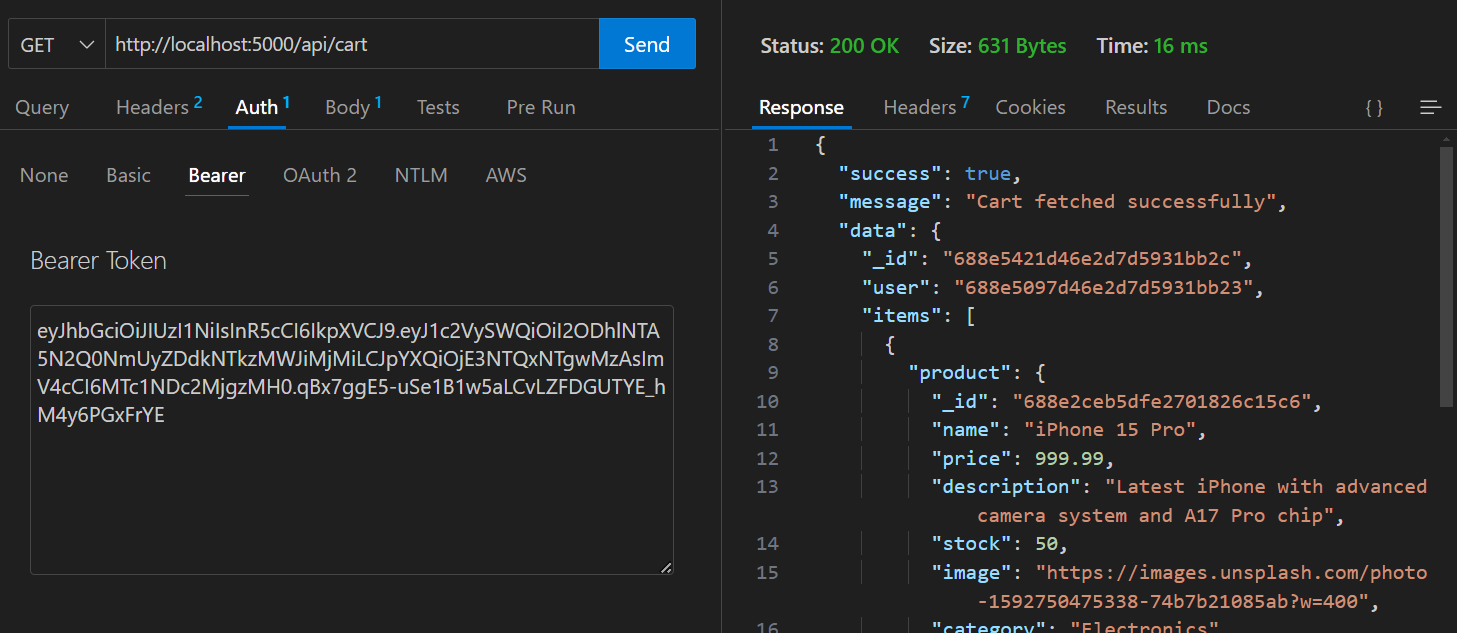
}

```



**#### GET `/api/cart`**

Get user's cart.



**#### PUT `/api/cart/:productId`**

Update product quantity in cart.

**\*\*Request Body:\*\***

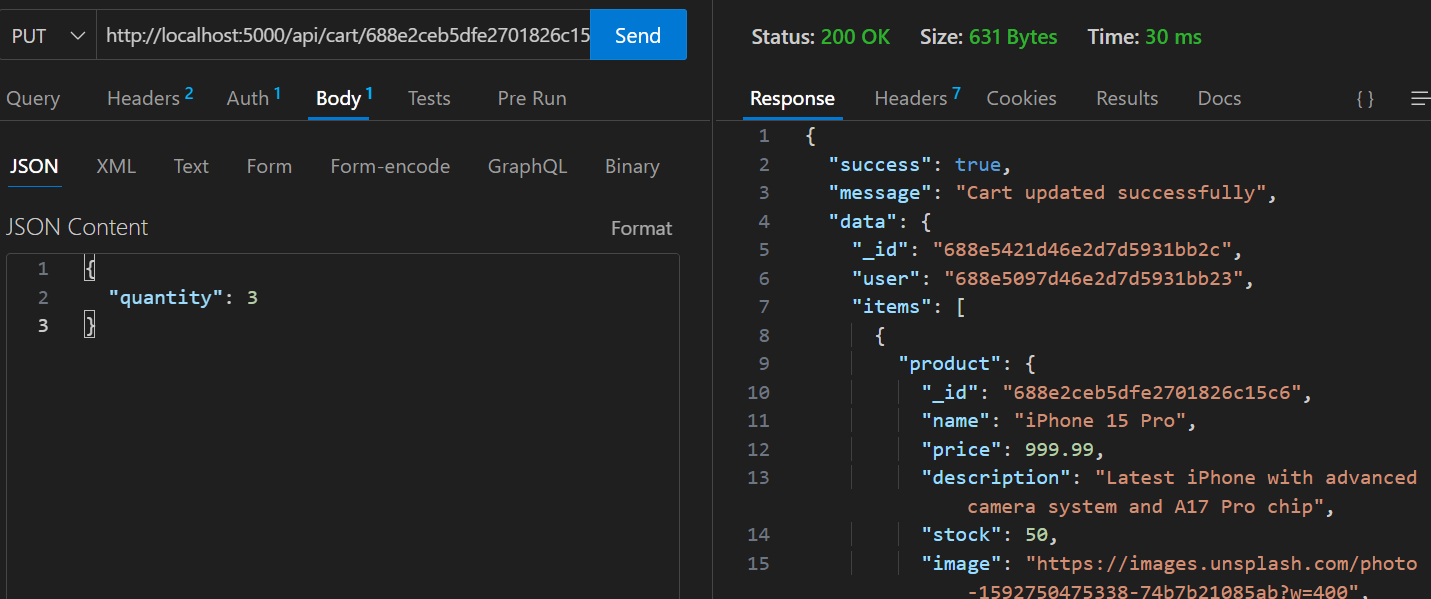
```json

{

  "quantity": 3

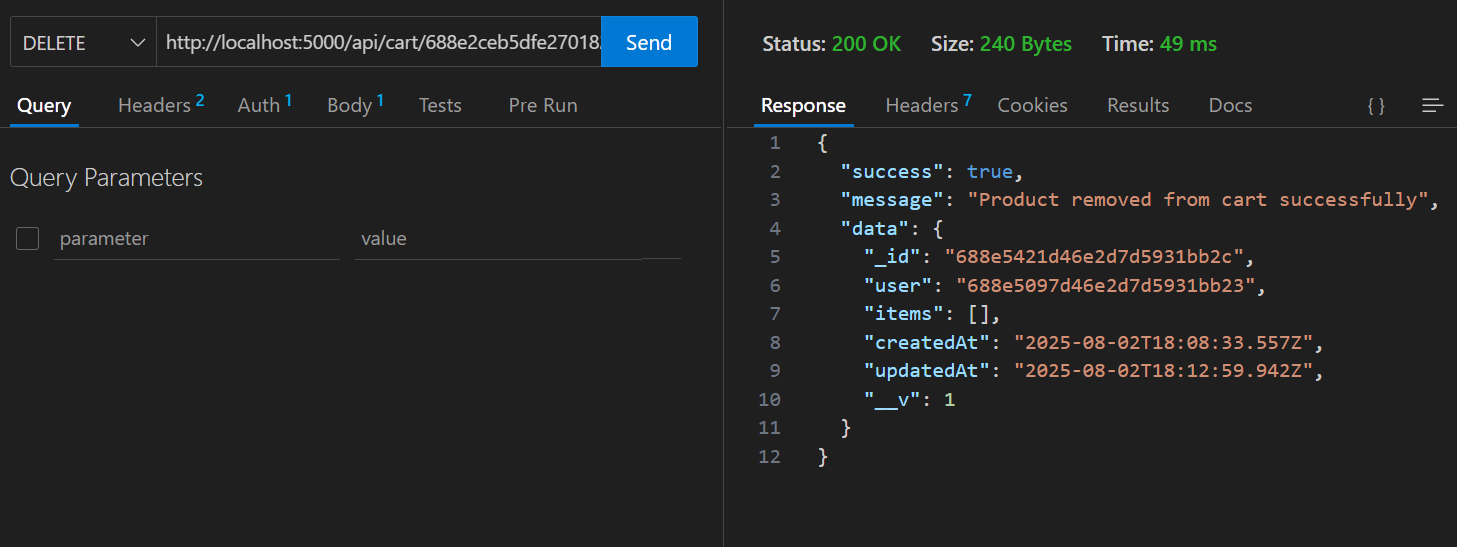
}

```

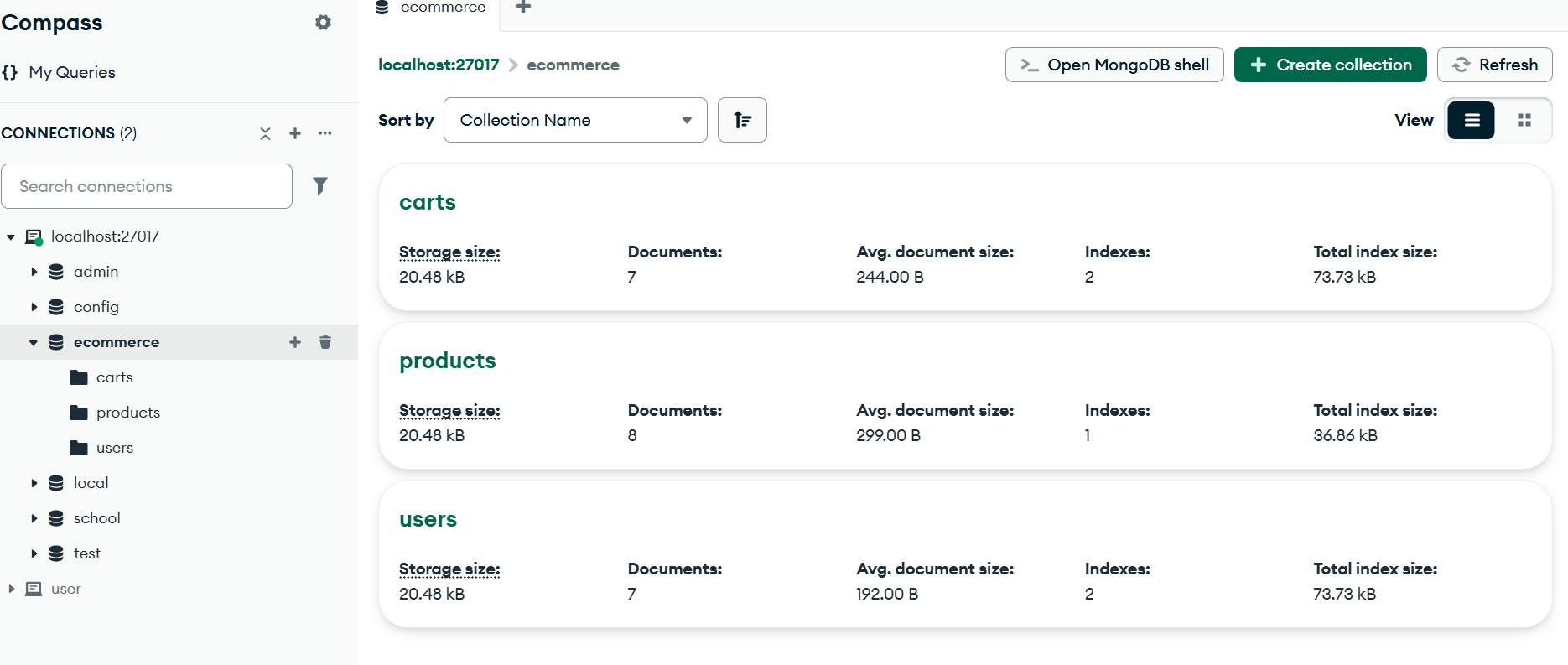


**#### DELETE `/api/cart/:productId`**

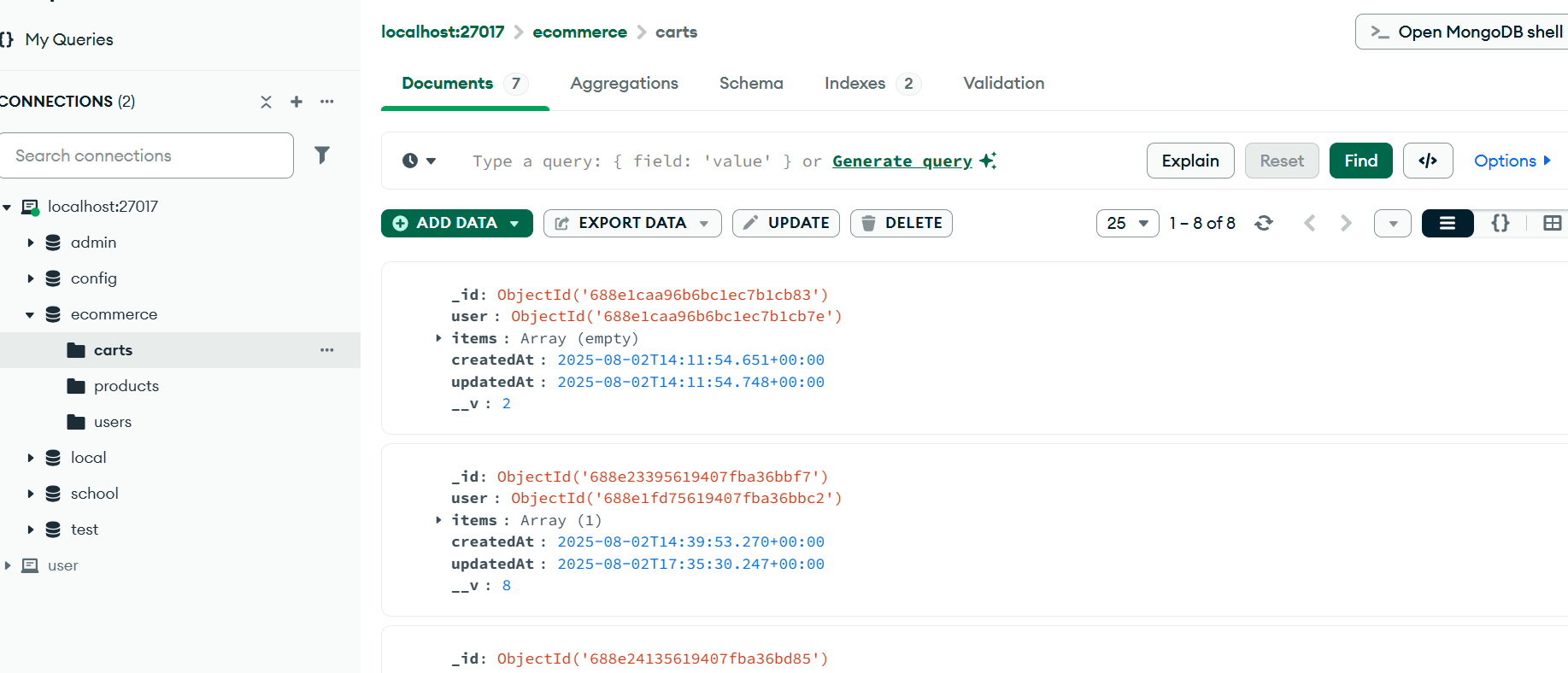
Remove product from cart.



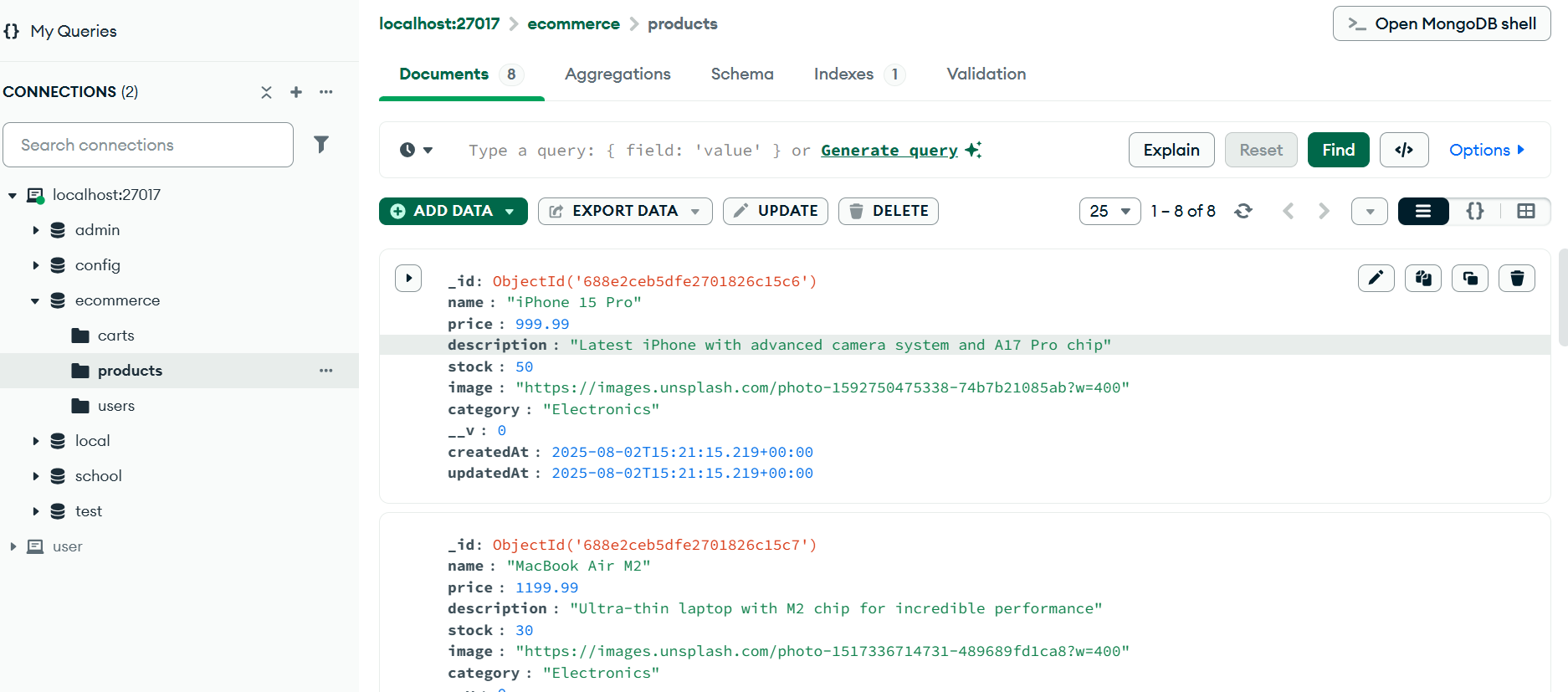
**MongoDB**  
  
**ecommerce database**



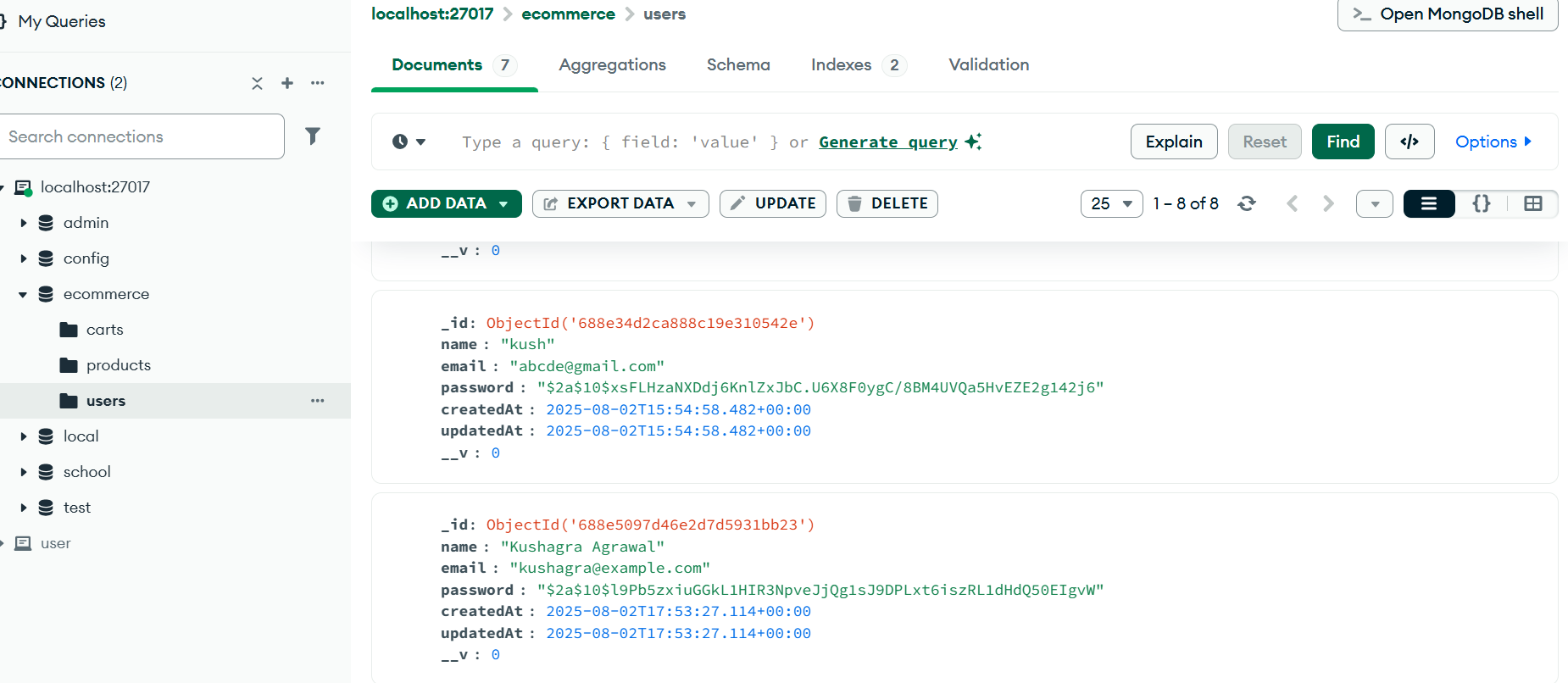
**Carts collection**



**Products collection**



**Users collection**

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