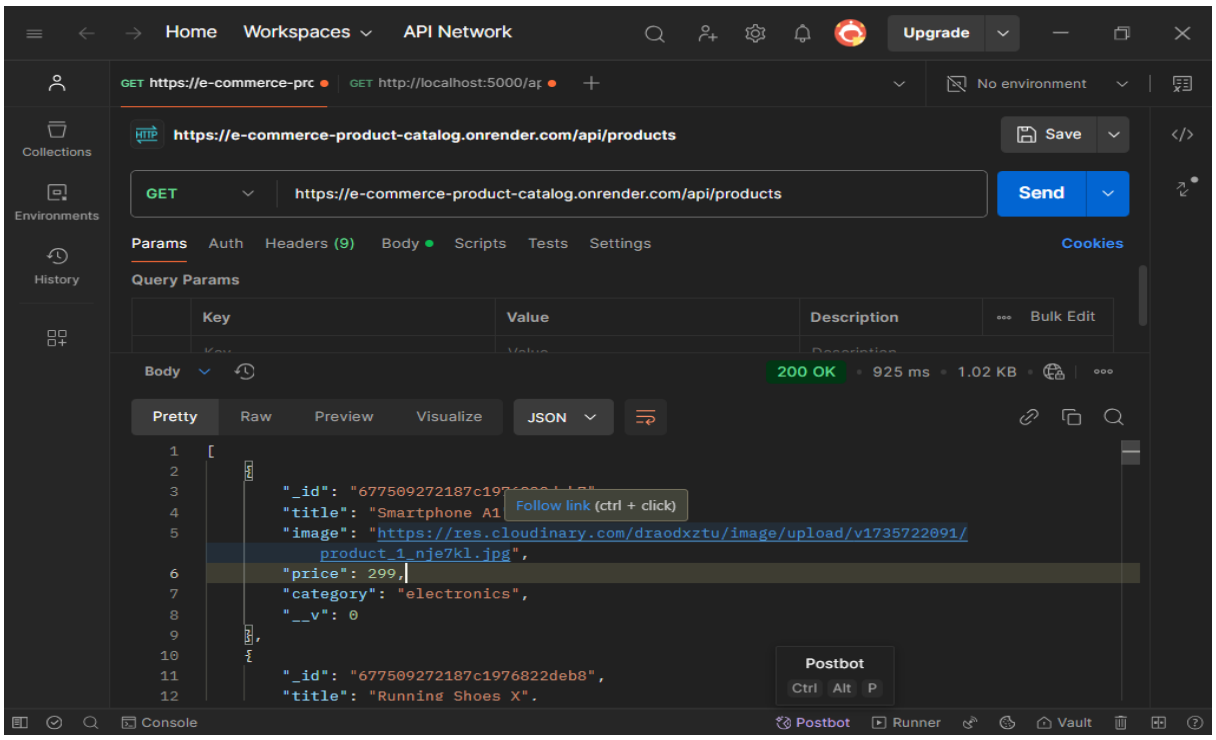
Simple E-Commerce Product Catalog

Base URL

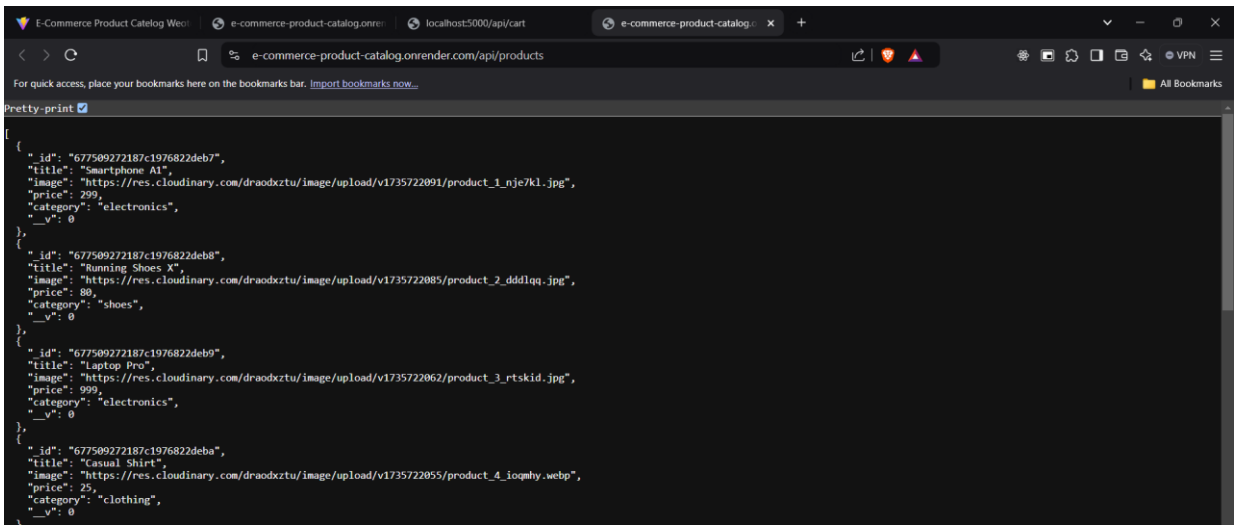
https://e-commerce-product-catalog.onrender.com/

1. Fetch All Products:

- **Endpoint :** `GET /api/products`
- **Description**: Fetches all available products.
- **Request URL:** https://e-commerce-product-catalog.onrender.com/api/products
- **Response**:



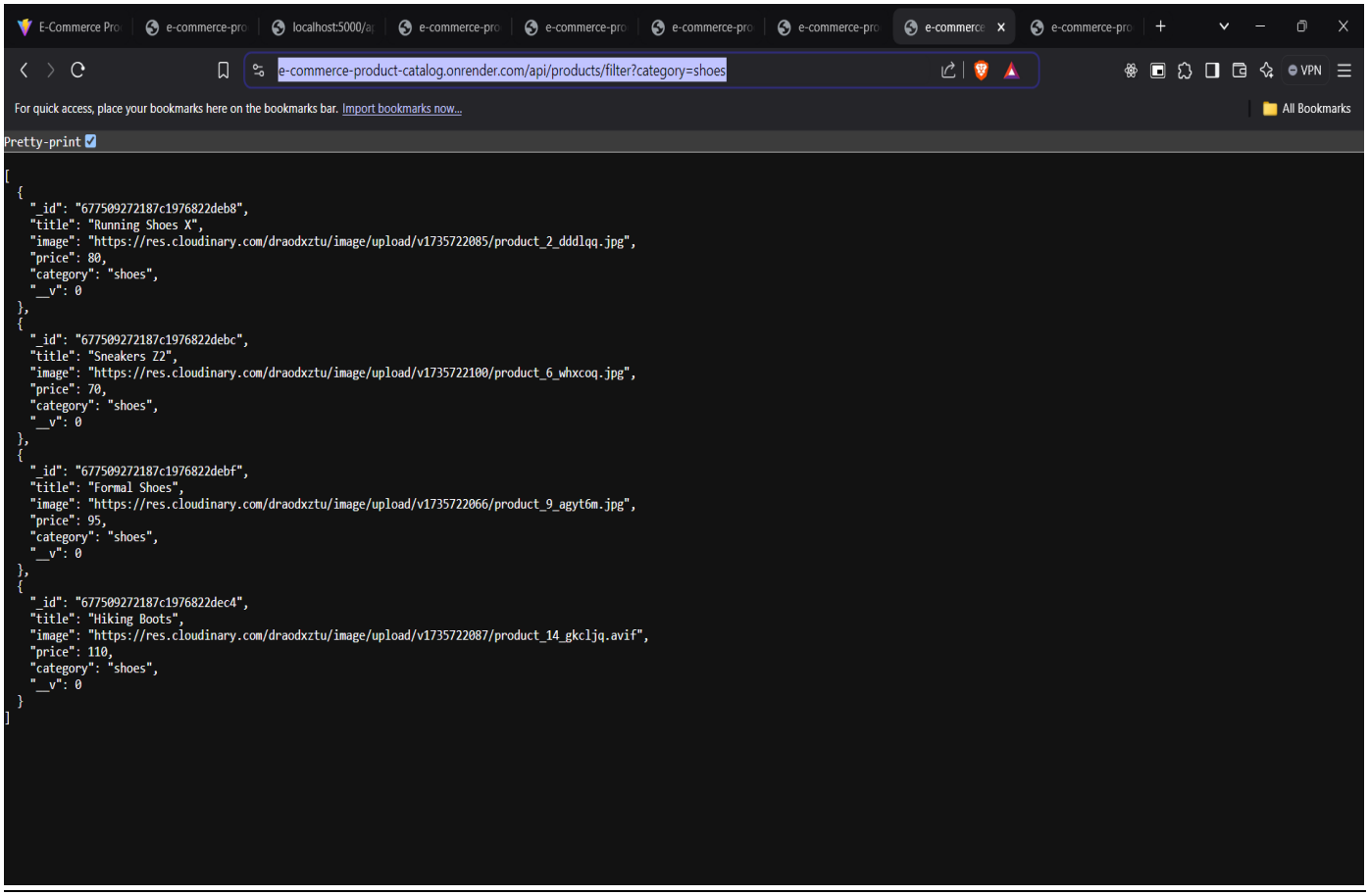
In browser:



2. Filter Products by Category:

- **Endpoint:** `GET /api/products/filter`
- **Description:** etches all products based on the specified category and sort order (ascending or descending).
- **Query Parameters:**
  - **category (string): The category name or ID (e.g., electronics, shoes).**
  - **sort (string): The sorting order. It can be either asc (ascending) or desc (descending).**

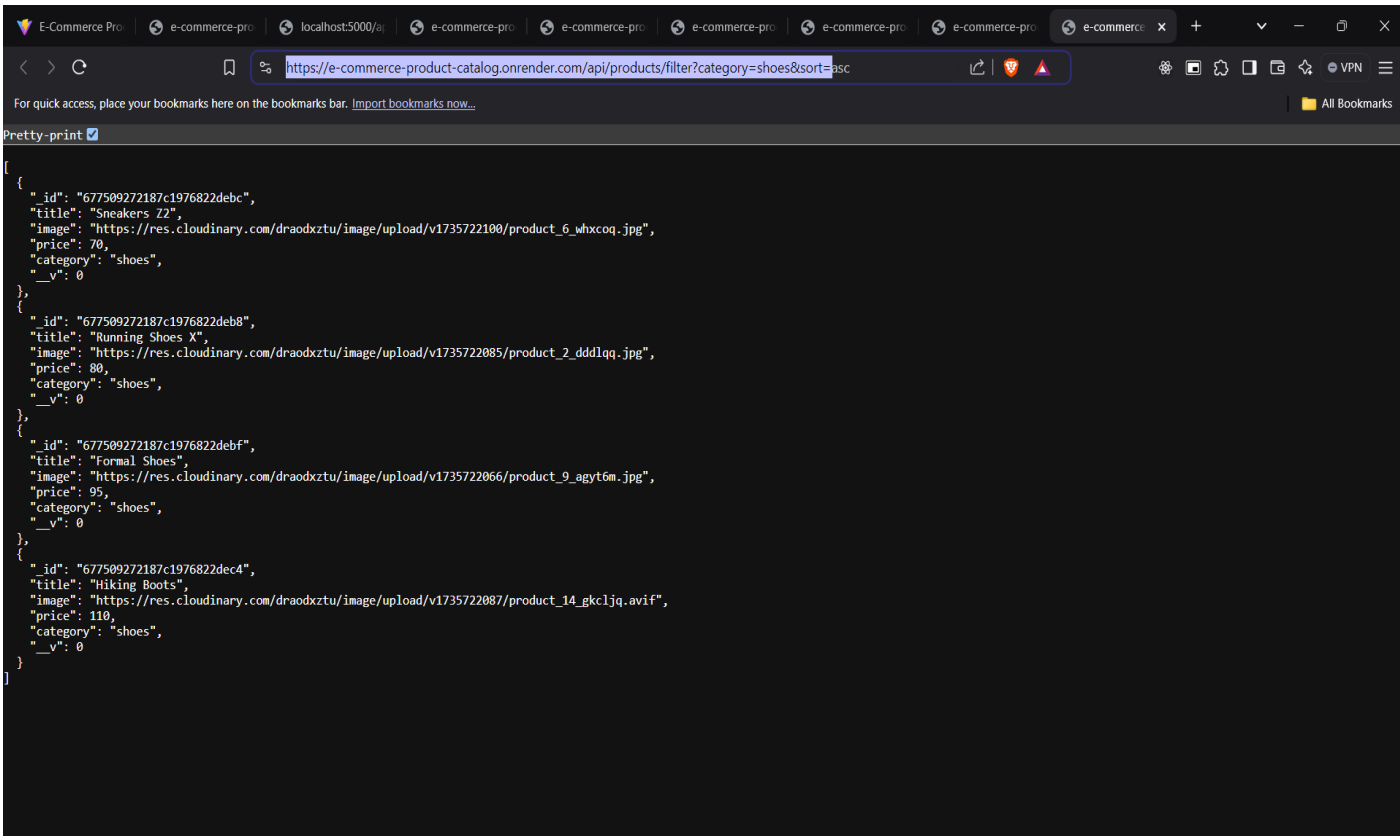
  - **Request URL:** https://e-commerce-product-catalog.onrender.com/api/products/filter?category=shoes&sort=asc
    Response:



3. Filter Products by Category:

- **Endpoint:** `GET /api/products/filter`
- **Description:** Fetches all products according to category
- **Query Parameters:**
  - **category (string):** The category name or ID.
  - **sort (string):** Sorting order (asc or desc).
  - **Example:**
  - **URL:** https://e-commerce-product-catalog.onrender.com/api/products/filter?category=shoes&sort=asc

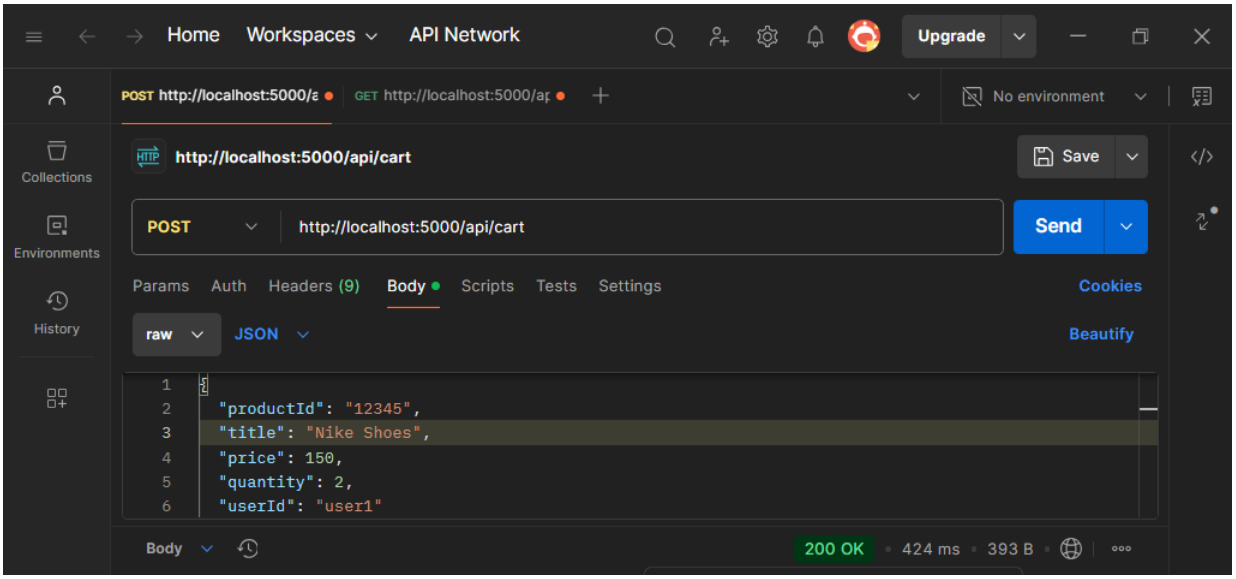
Response:



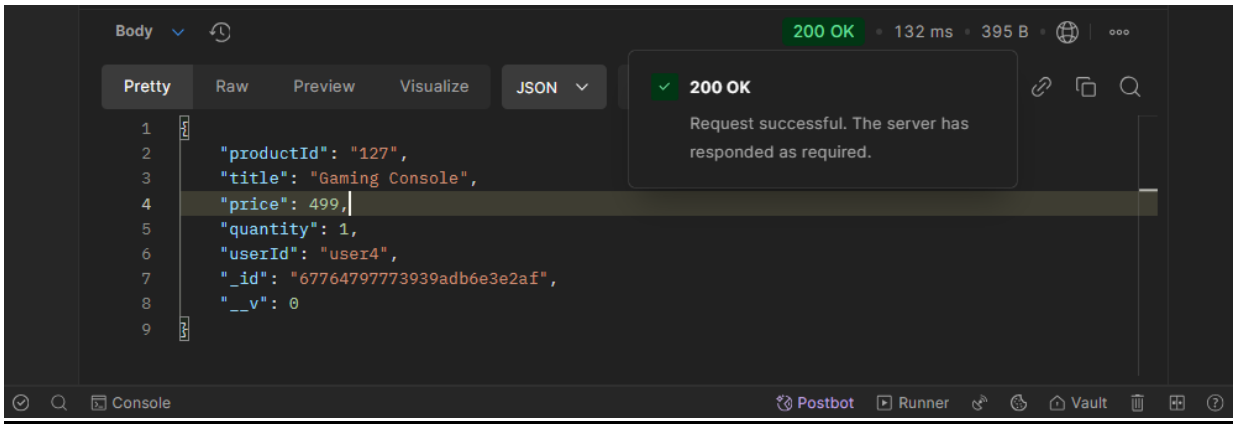
4. Add Item to Cart:

- **Endpoint:** `POST /api/cart`
- **Description:** `Adds an item to the cart.`
- **Query Parameters:http://localhost:5000/api/cart**
- **Request Body:**
- **URL:** http://localhost:5000/api/carts

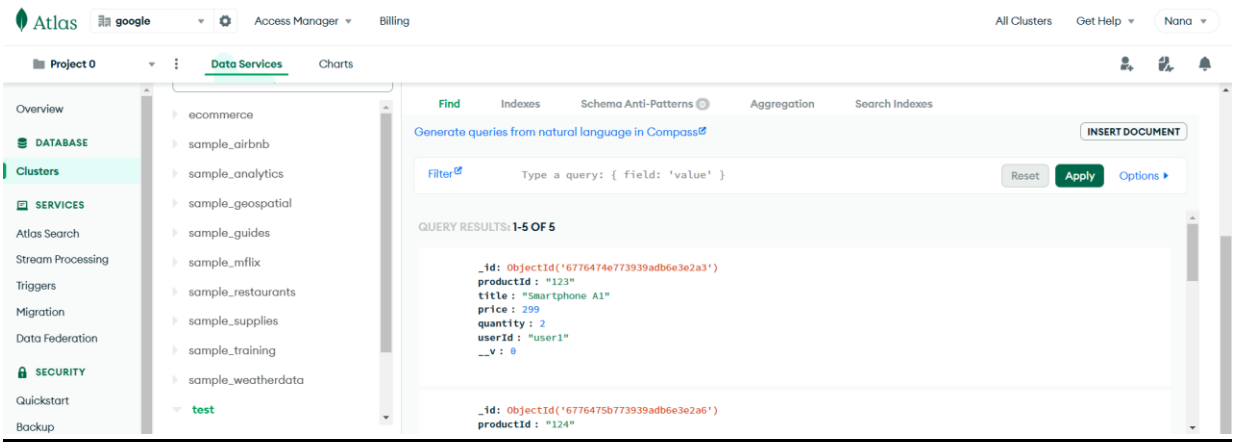
1. **Request in postman:**



2. **Response in postman:**



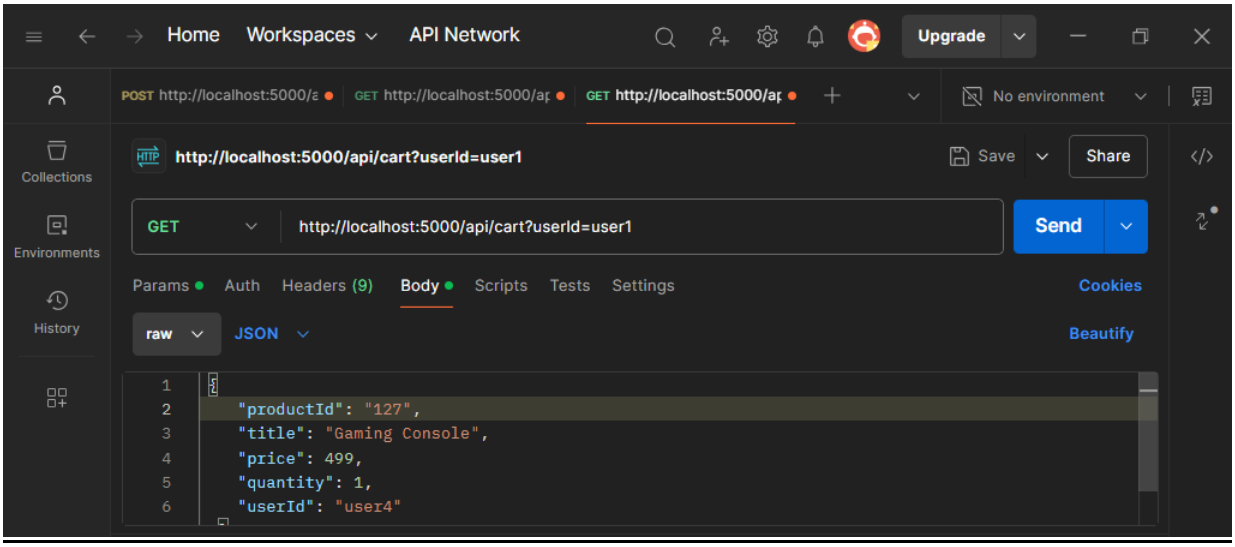
3. **In mongodb atlas(online database):**



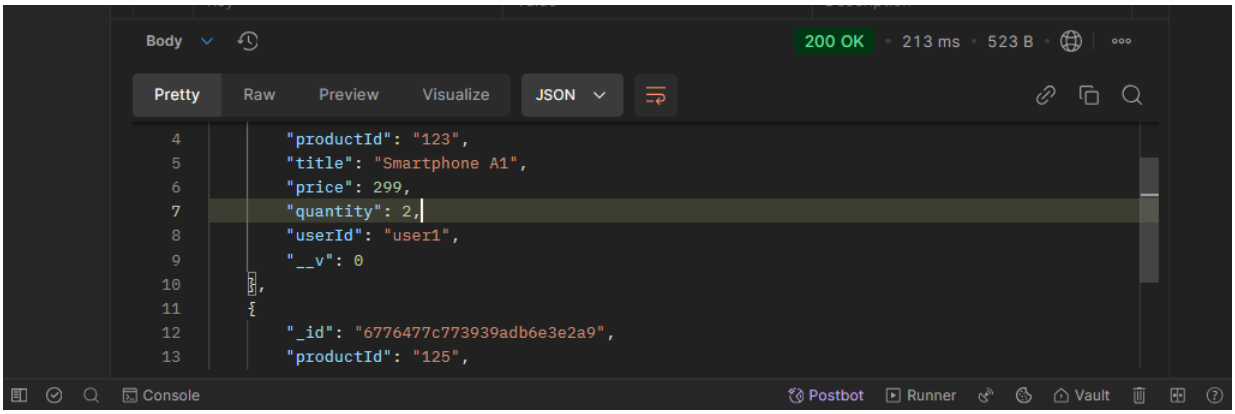
5. fetching current Item in the Cart:

- **Endpoint:** `GET /api/cart`
- **Description:** `fetches an tem from the cart.`
  Query Parameters:
  URL: http://localhost:5000/api/cart?userId=user1
- **Request Body:**

1. **Request in postman:**



2. **Response in postman**

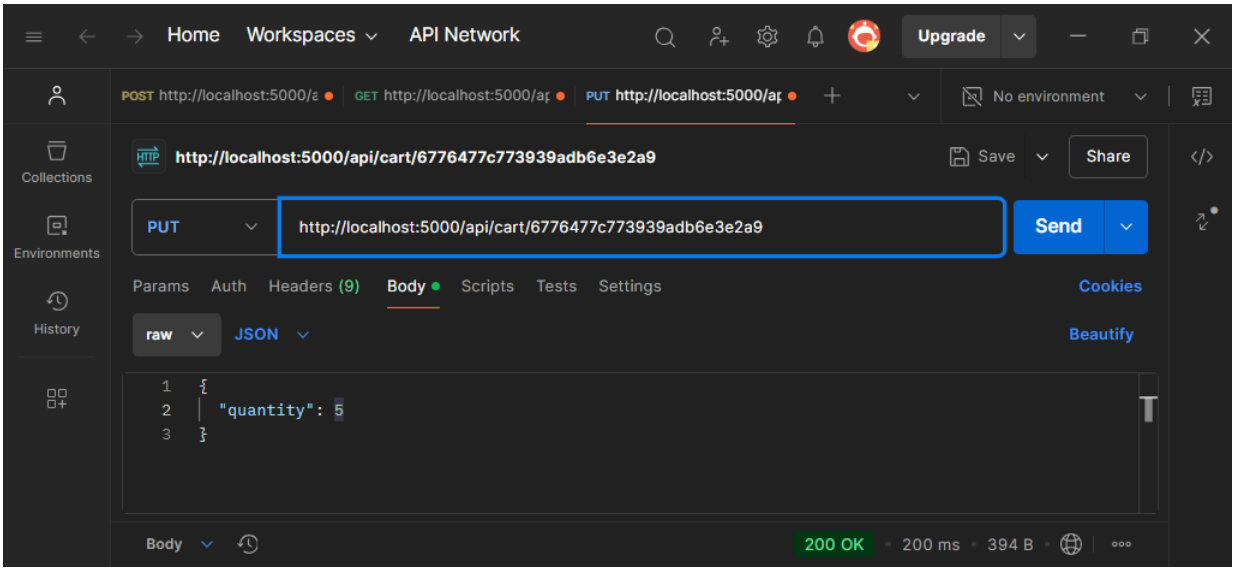


6. Update the quantity of a cart item.

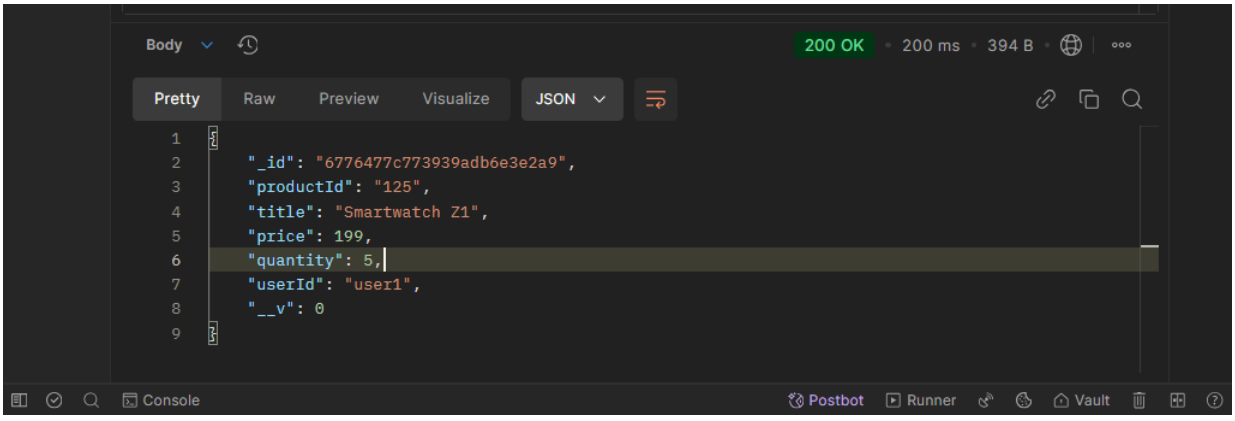
- **Endpoint:** `PUT /api/cart/:id`
- **Description:** Updates the quantity of an item in the user's cart.
  Query Parameters:
  URL: http://localhost:5000/api/cart?userId=user1
- **Request Body:**

```
{ "quantity": 5 }
```

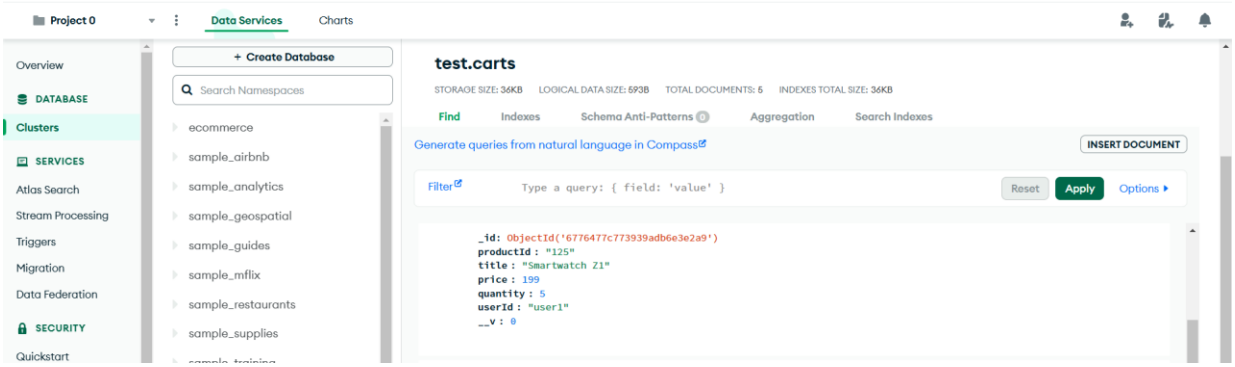
1. **Request in postman:**



2. **Resonse in postman**



3. **Response in atlas(udaptes quanitiy to 5)**



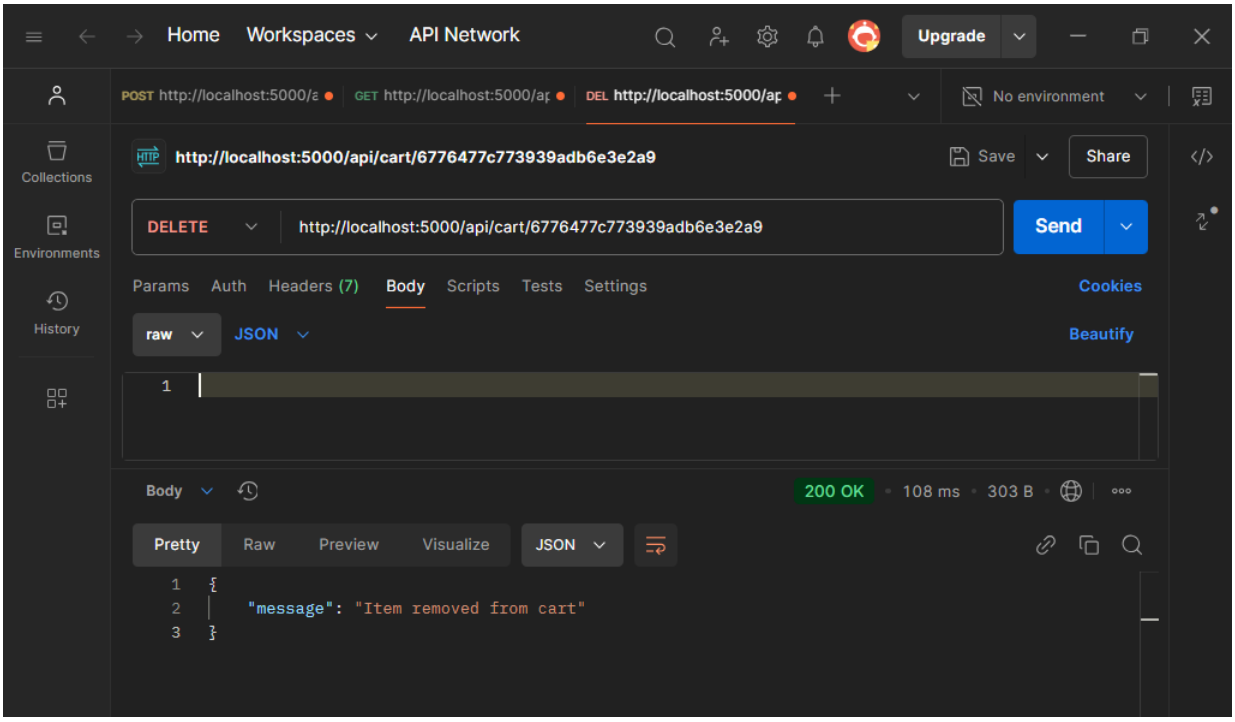
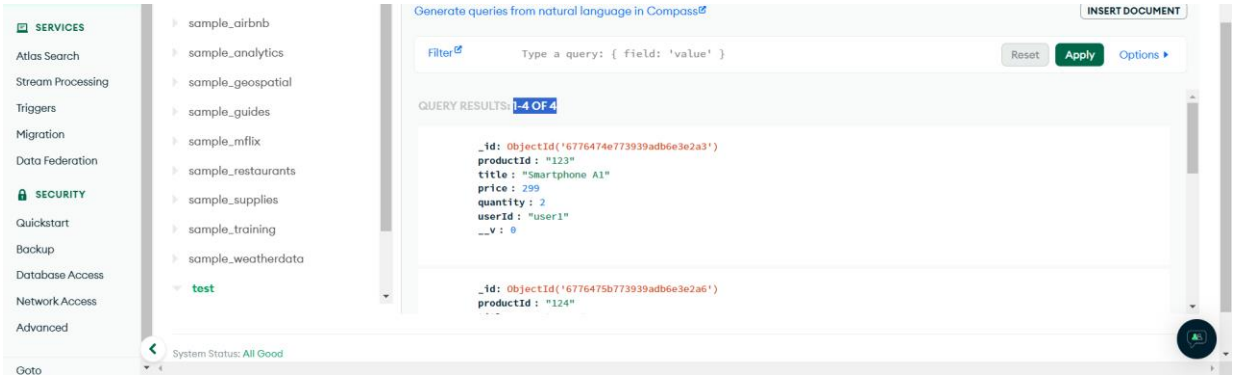
. 7. Remove an item from the cart.

- **Endpoint:** `DELETE /api/cart/:id`
- **Description:** Removes an item from the user's cart based on the provided **id.**

  Query Parameters:

  URL: http://localhost:5000/api/cart/6776477c773939adb6e3e2a9
- **Request Body:**

1. Request & Response in postman:



2. Resonse in atlas: (Showing only 4 records in database)