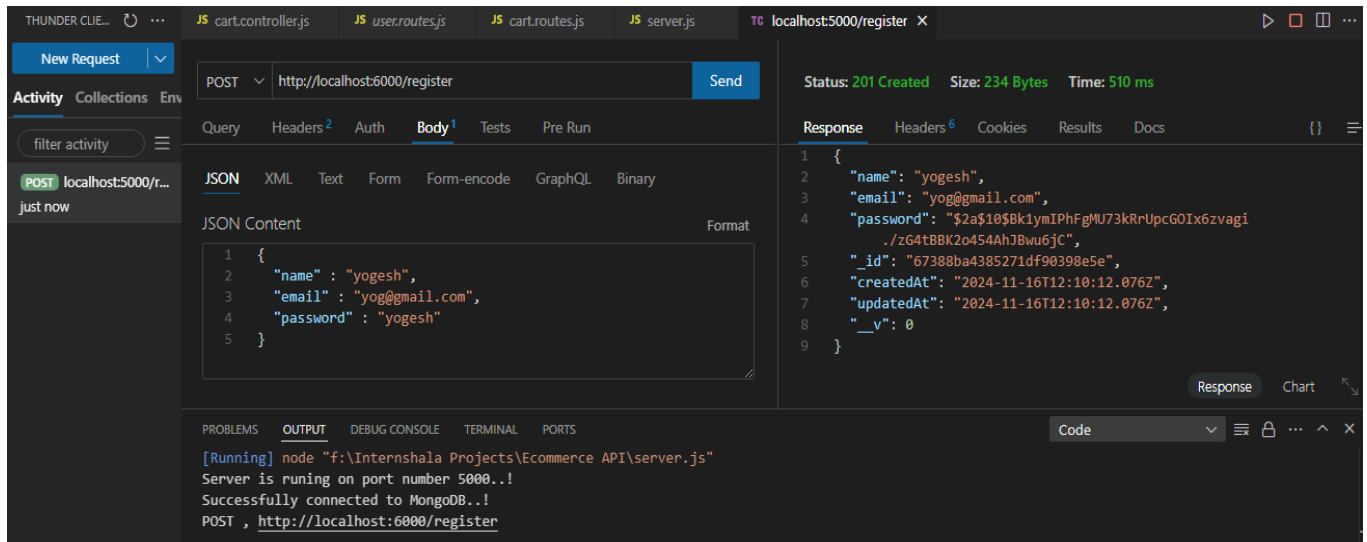
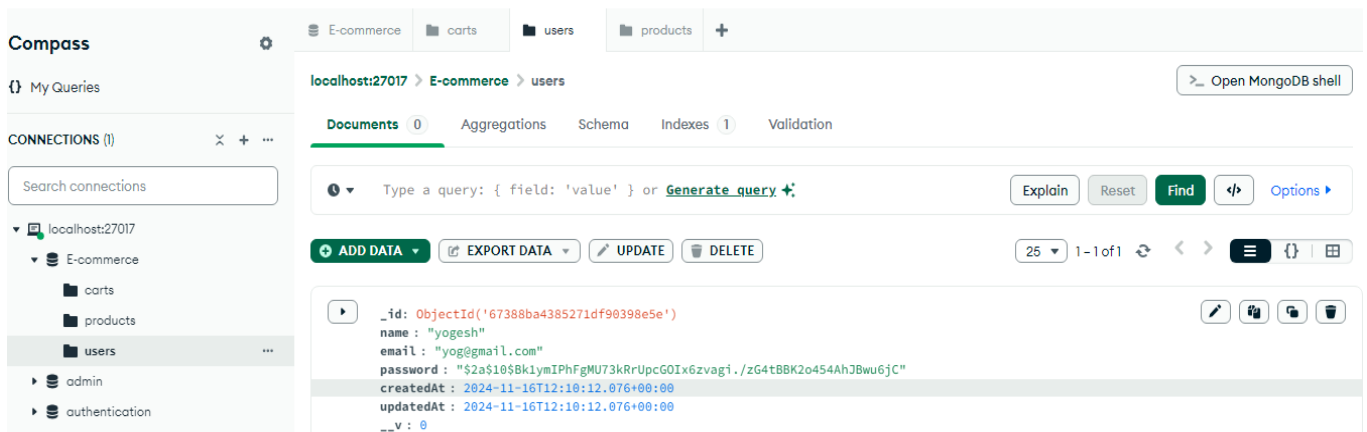


## 1 . POST operation for User :

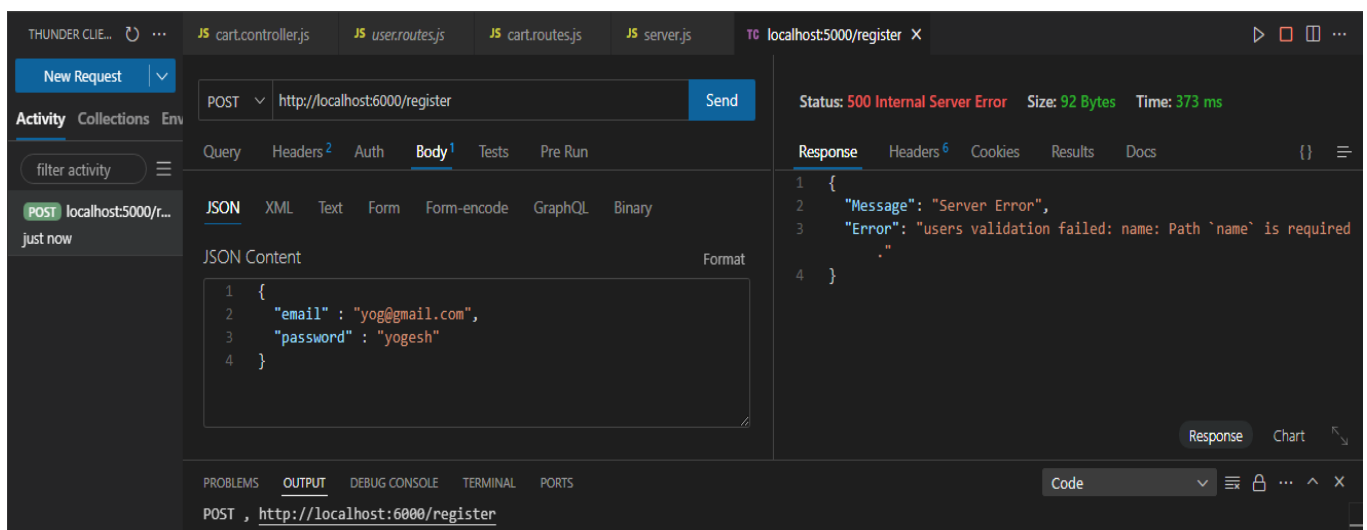
### 1 POST /register : Register a new user.



(Registered a new user)

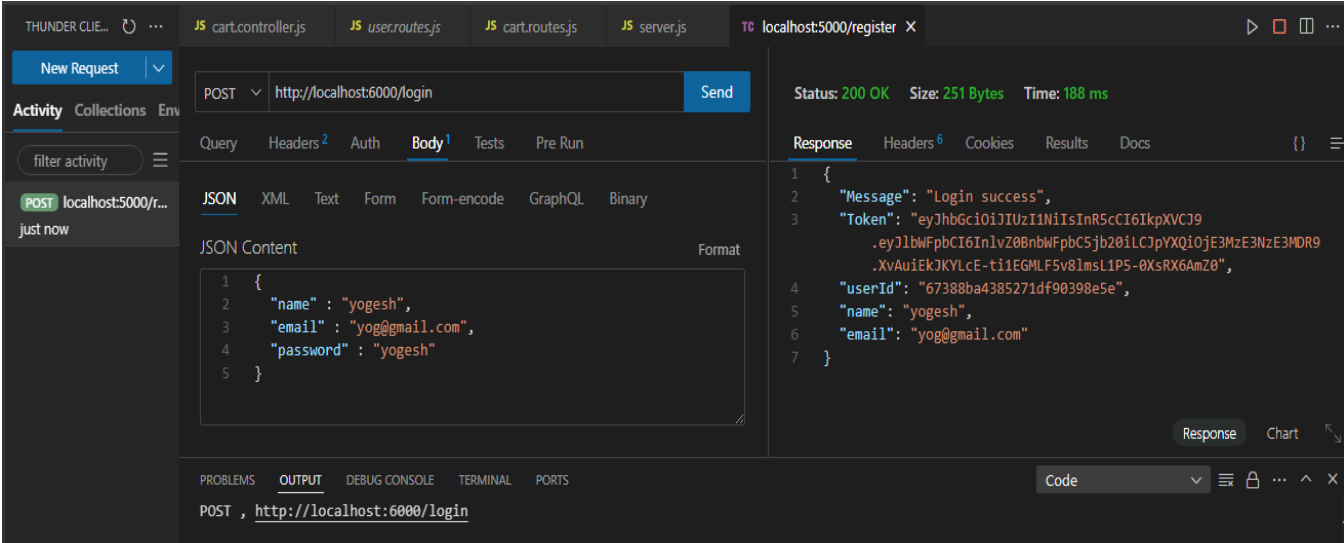


( Stored a new user in MongoDB with hashed password)

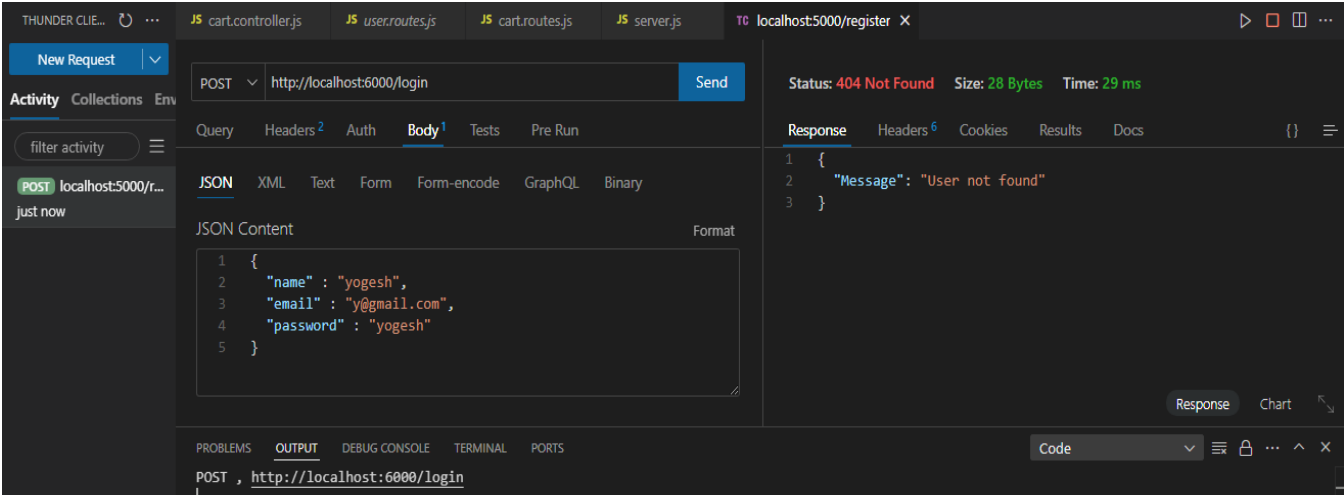


(User validation failed)

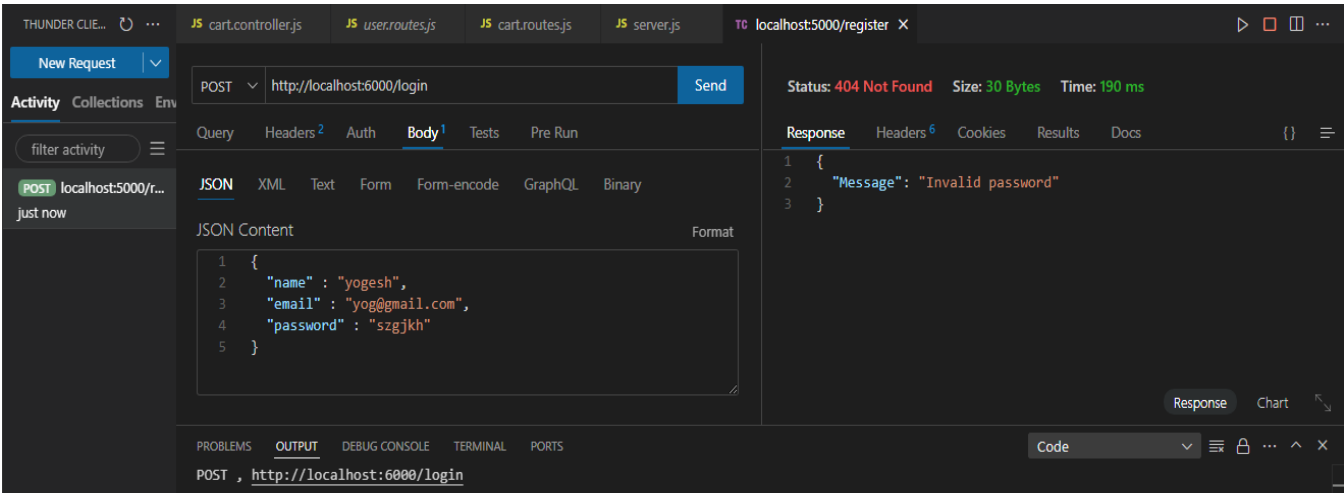
## 2 POST /login : Authenticate user and return a JWT token.



**(Logged in successfully by generating token)**



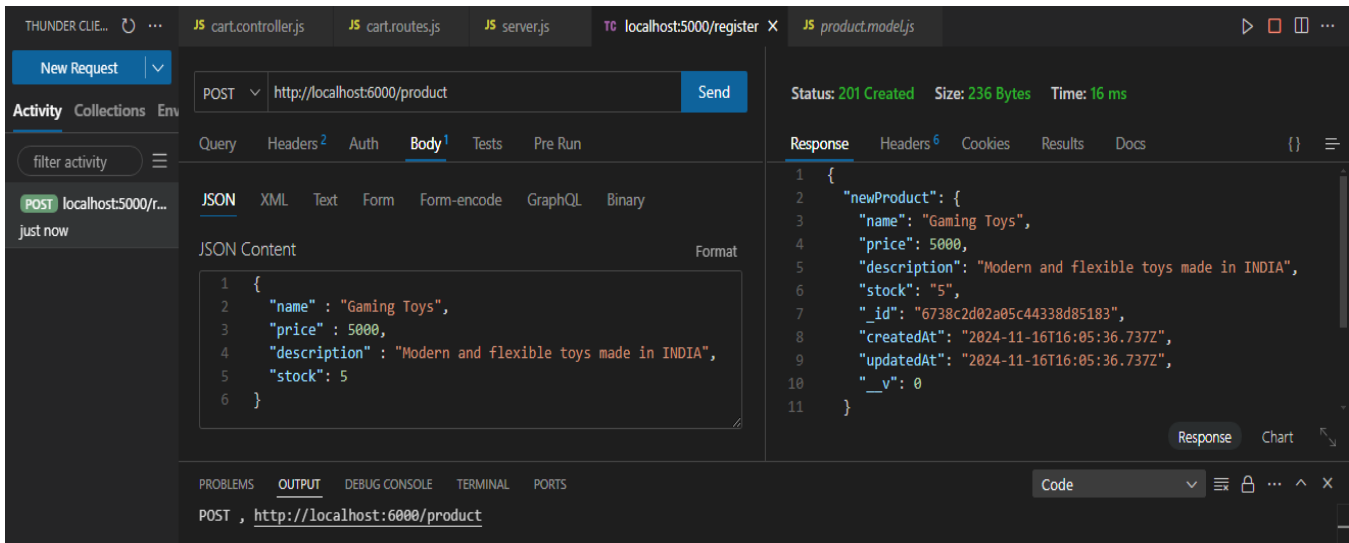
(Invalid user email-ID)



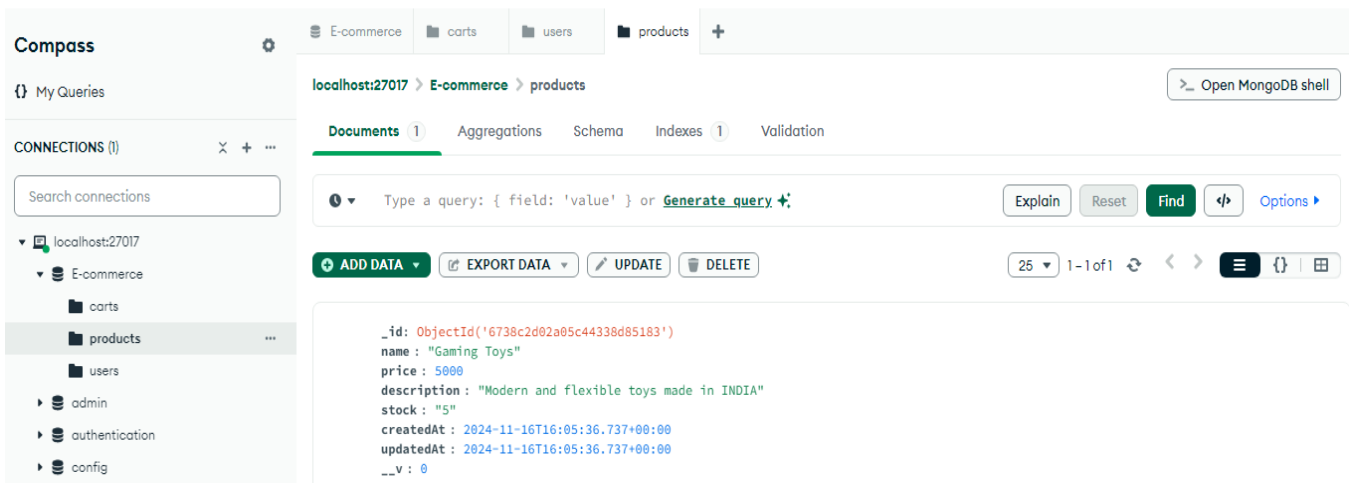
**(Invalid Password)**

## 2. CRUD Operations for PRODUCTS :

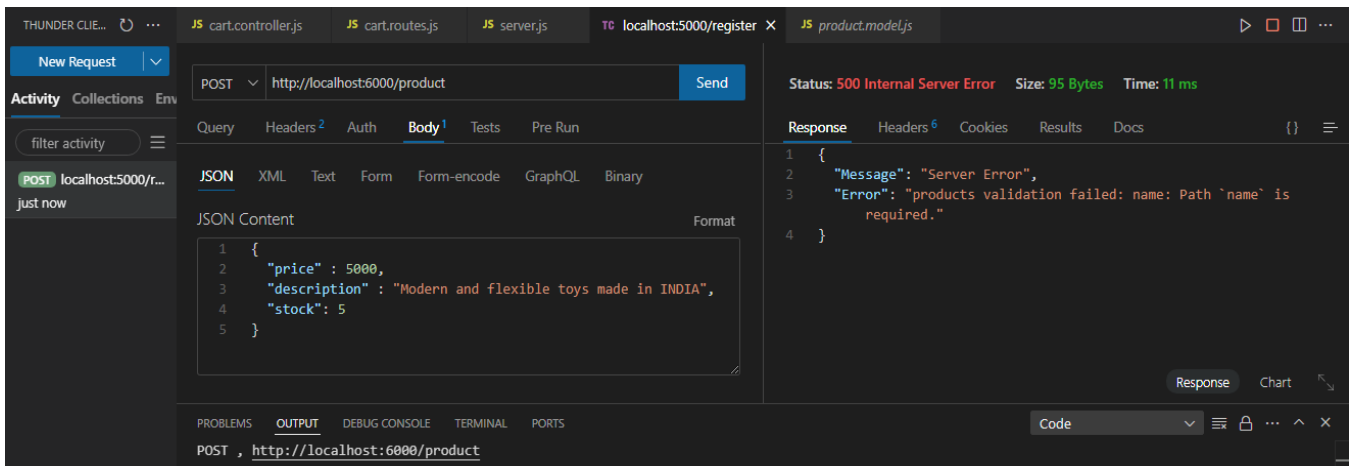
### 1 . POST /product : Create a new product & store in MongoDB .



(A new product is Created)

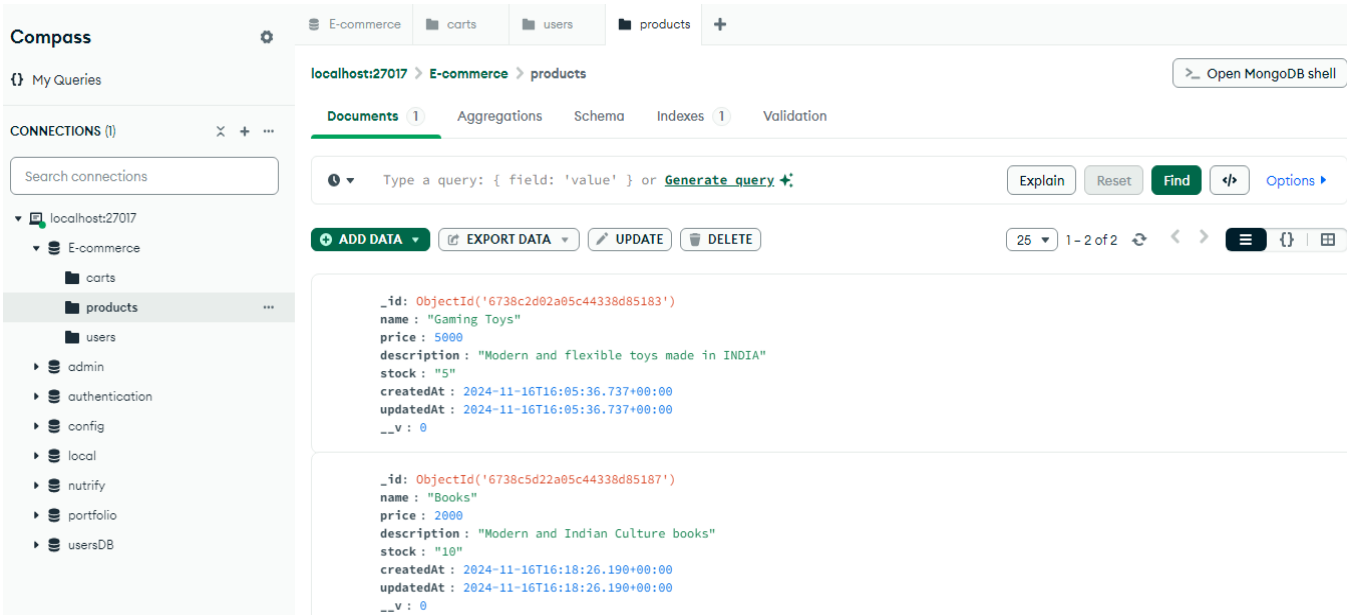


(A new product is stored in MongoDB)

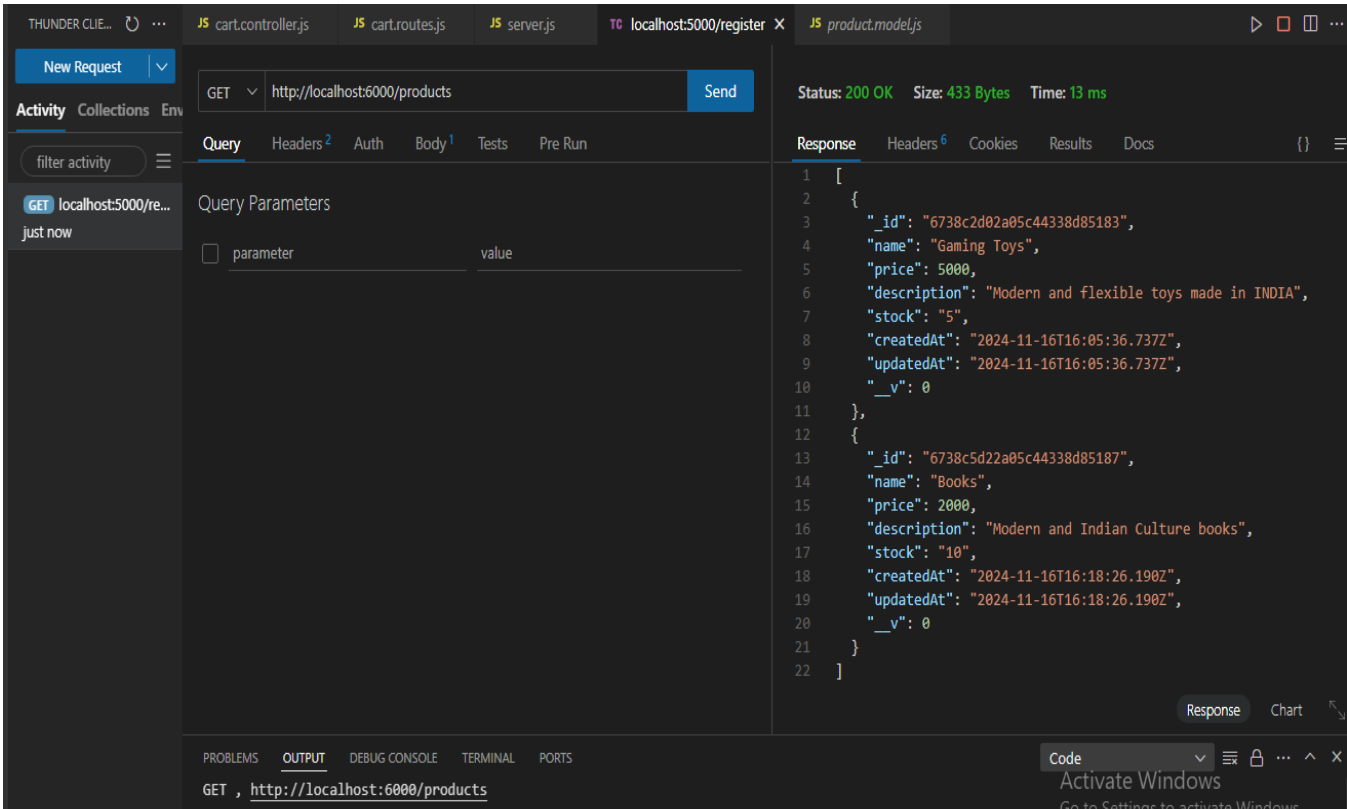


(Products validation failed)

## 2. GET /products : Fetch a list of products from MongoDB .

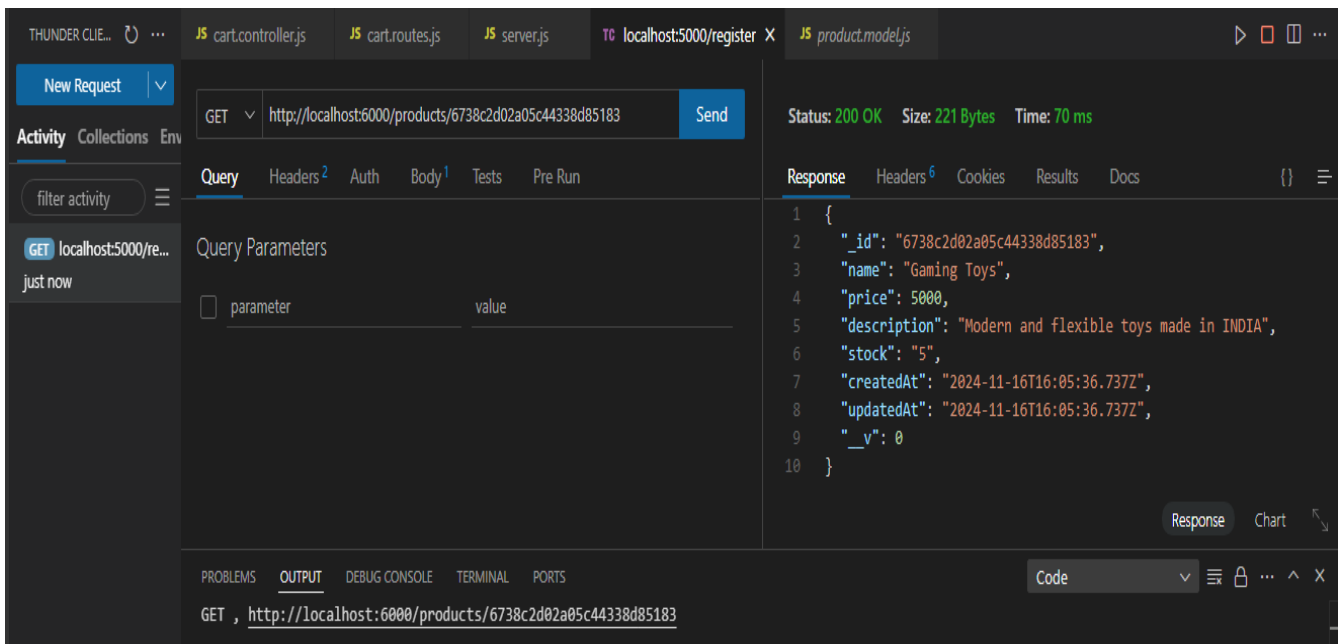


( List of the Products stored in MongoDB)

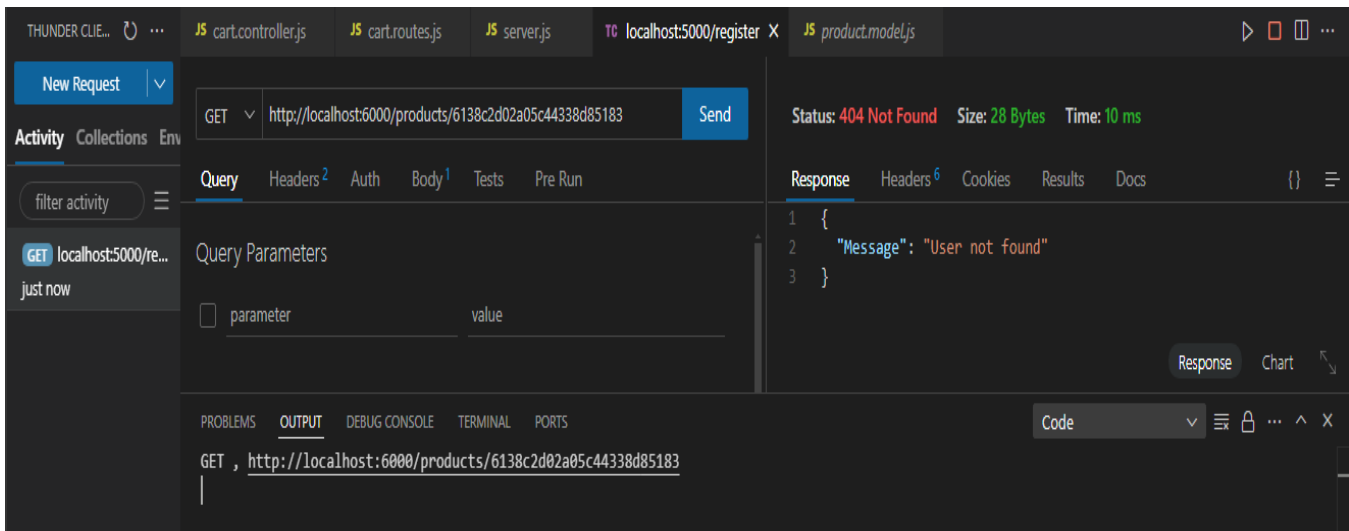


(List of the Products fetched from MongoDB)

3 . GET /products/: id : Fetch a product based on ObjectID from MongoDB .

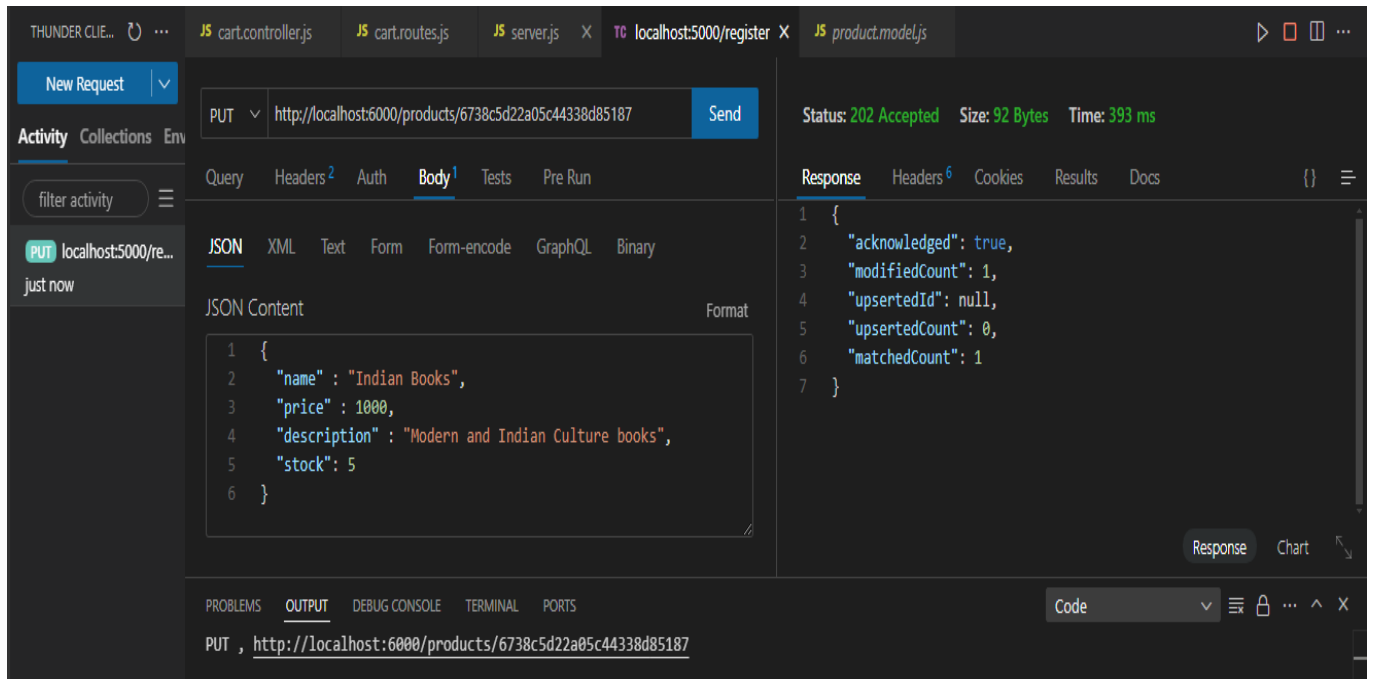


(Fetched a Product based on ObjectID from MongoDB)

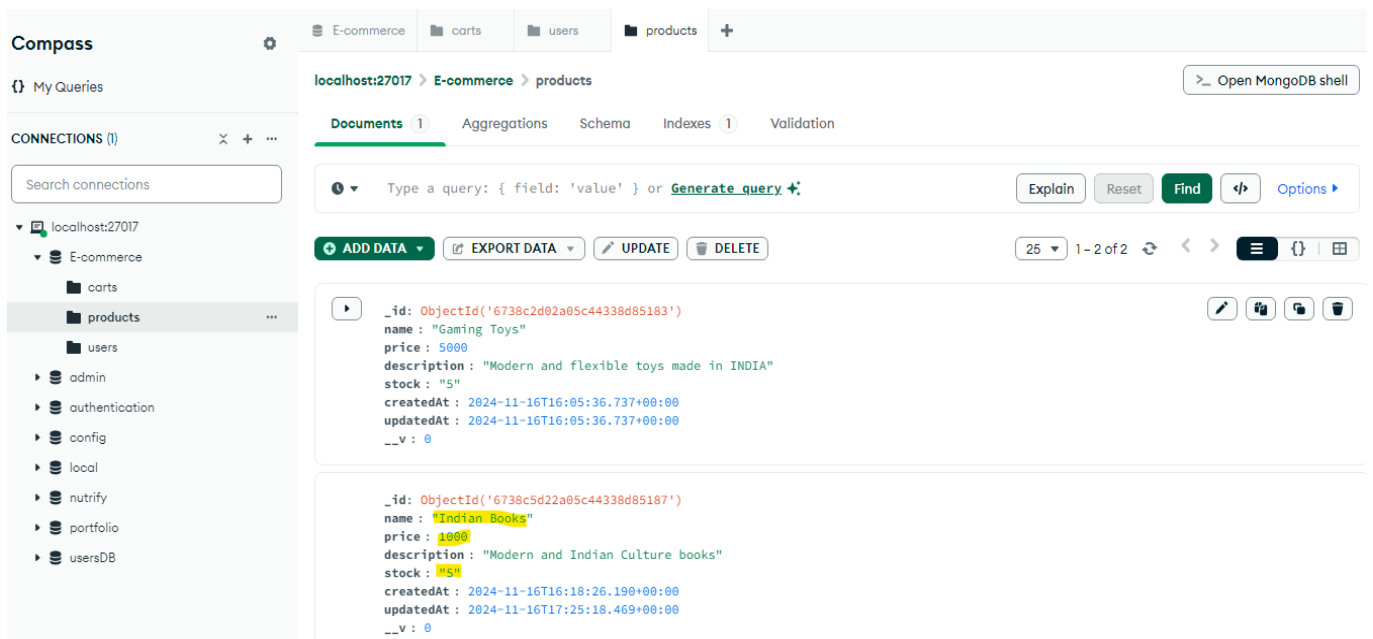


(Invalid ObjectID)

#### 4 . UPDATE /products/: id : Update a product based on ObjectID from MongoDB .

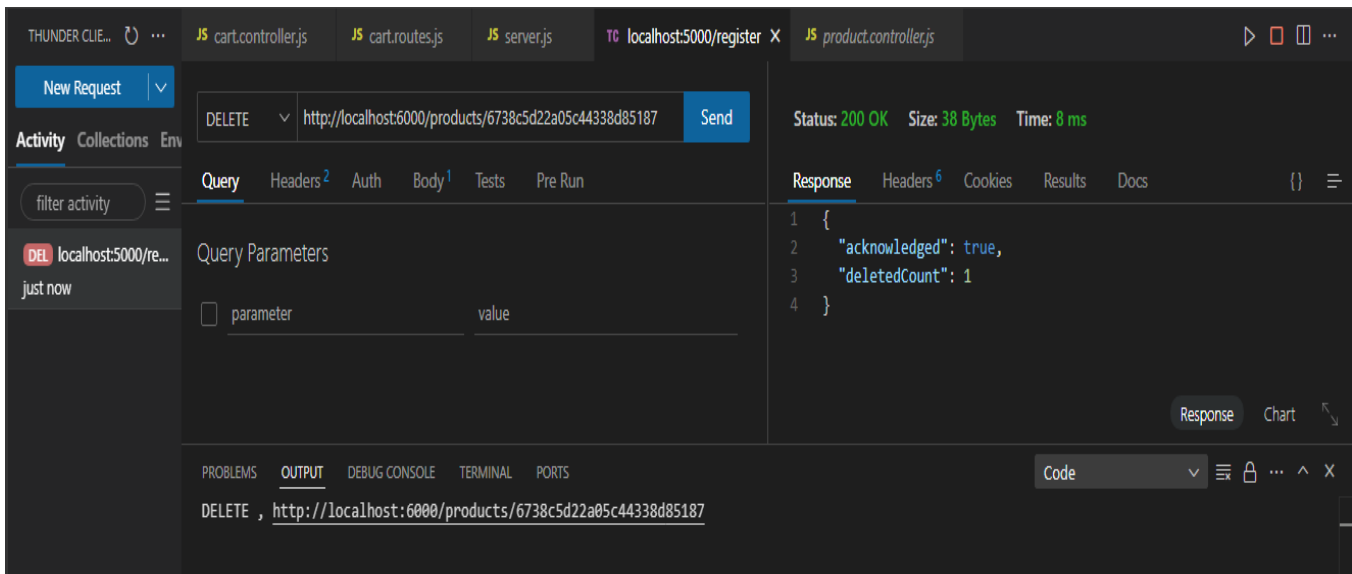


(Updated a Product based on its ObjectID)

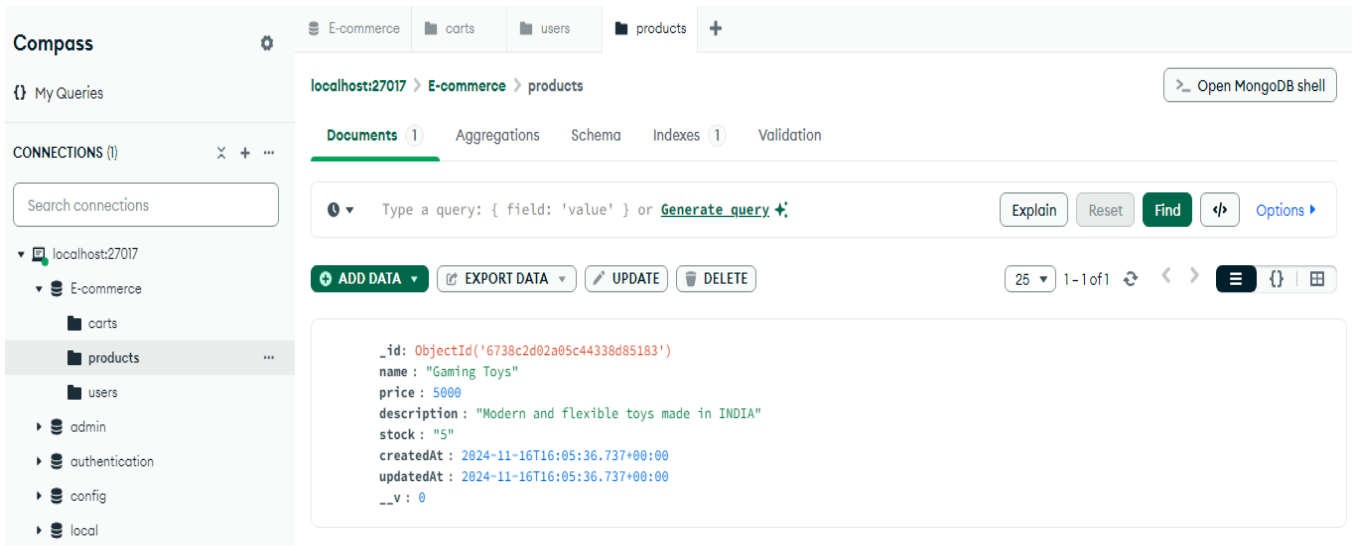


(Updated product highlighted in MongoDB)

5 . DELETE /products/: id : Delete a product based on ObjectID from MongoDB .



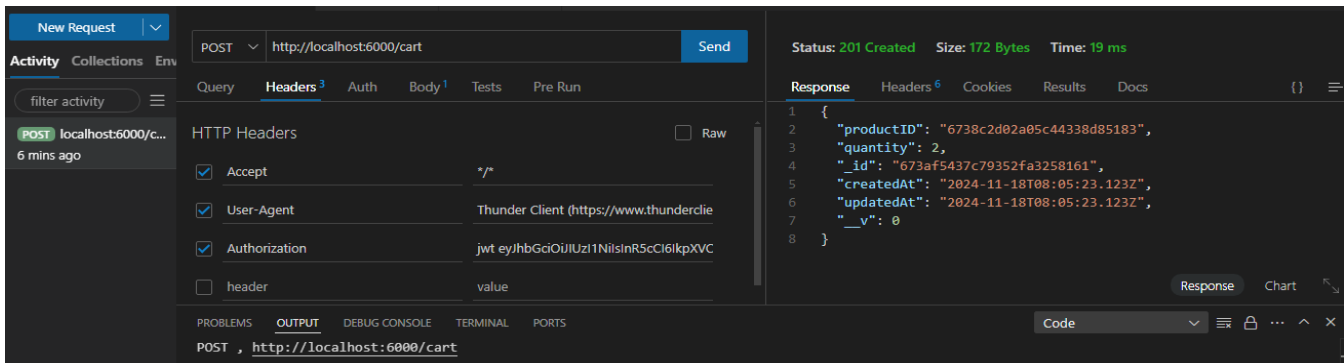
(Deleted a product based on ObjectID from MongoDB)



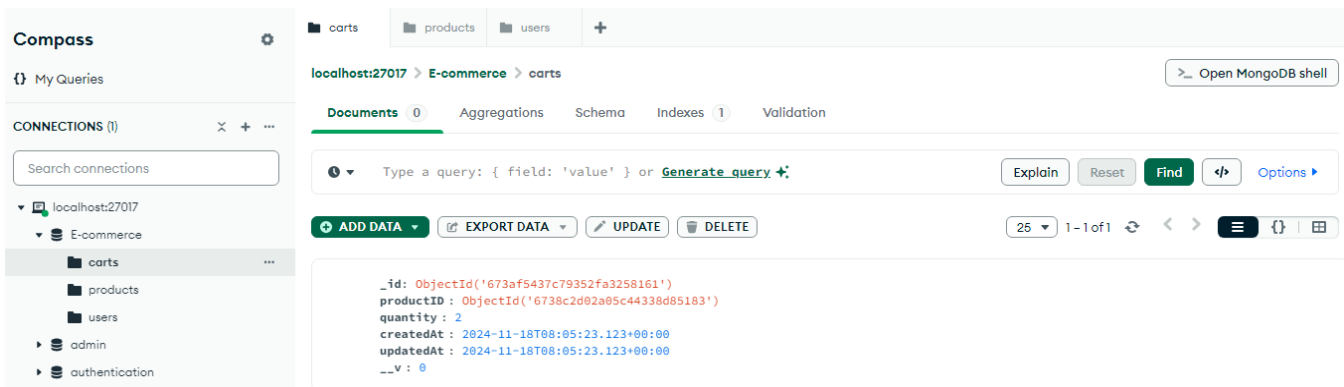
(List of products after deleting a product from MongoDB)

### 3 . CRUD Operations for CART :

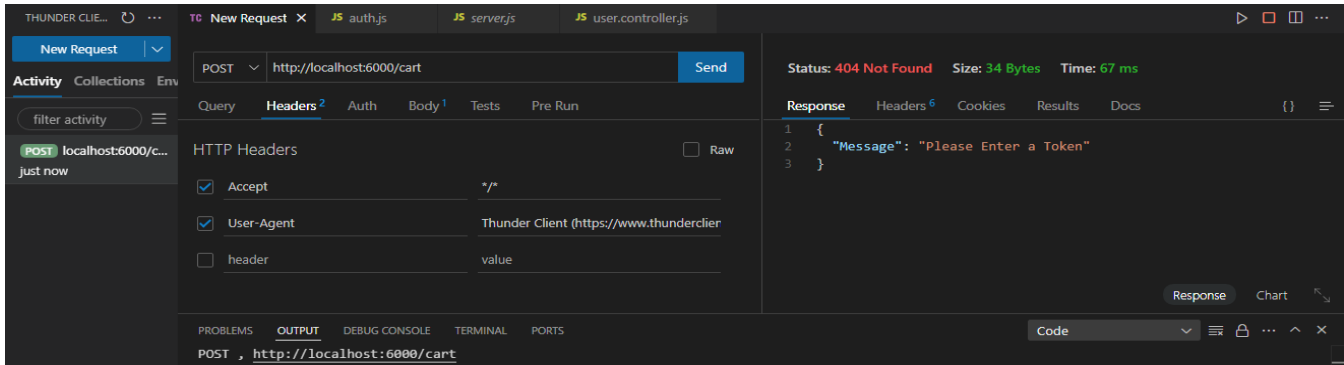
#### 1 . POST /cart : Create a new cart with Authentication & store in MongoDB .



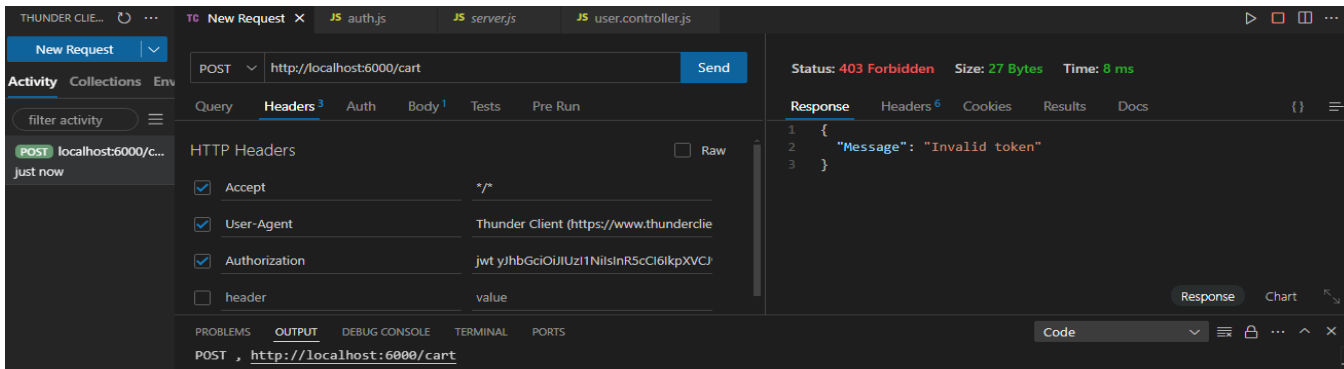
(A new cart is Created with token authentication)



(Created cart stored in MongoDB with productID)



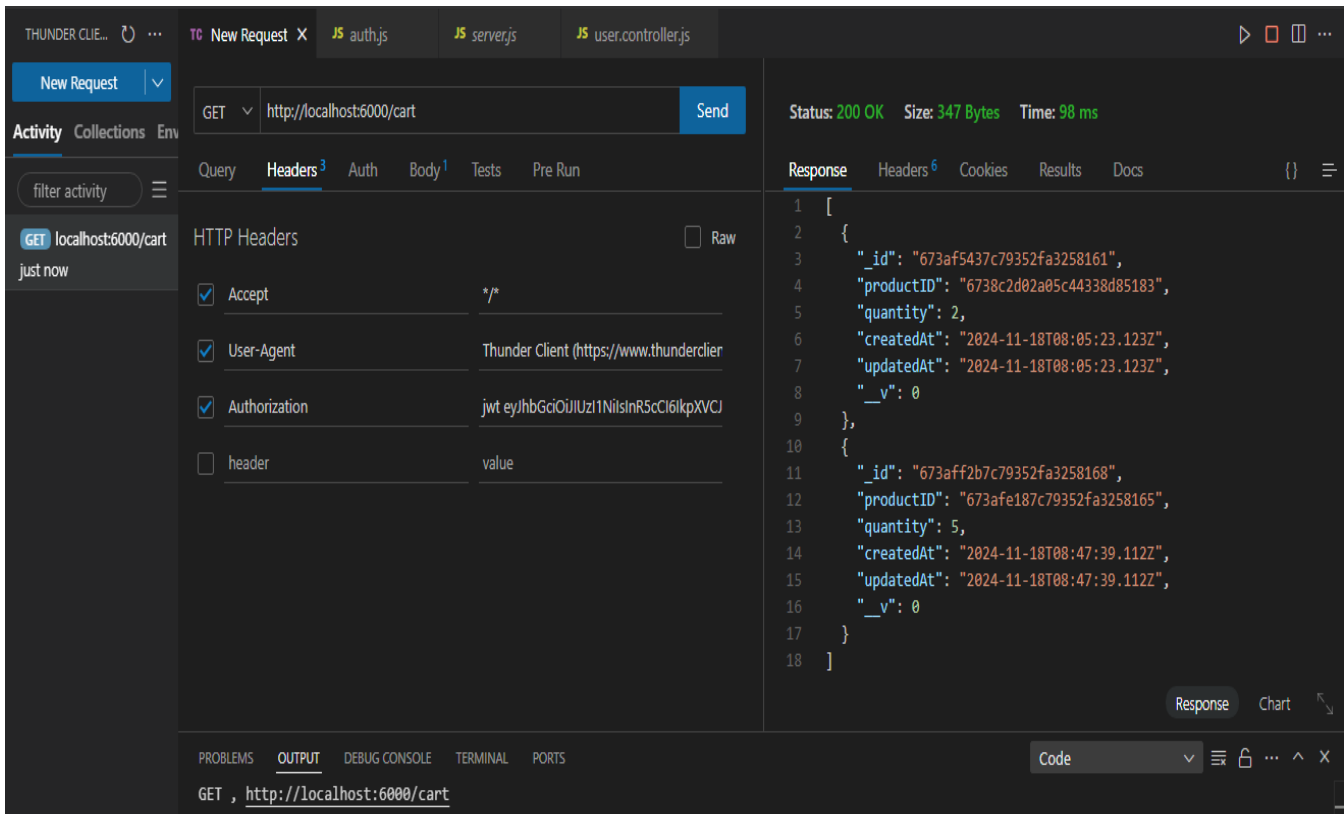
(Token is must to Create a Cart)



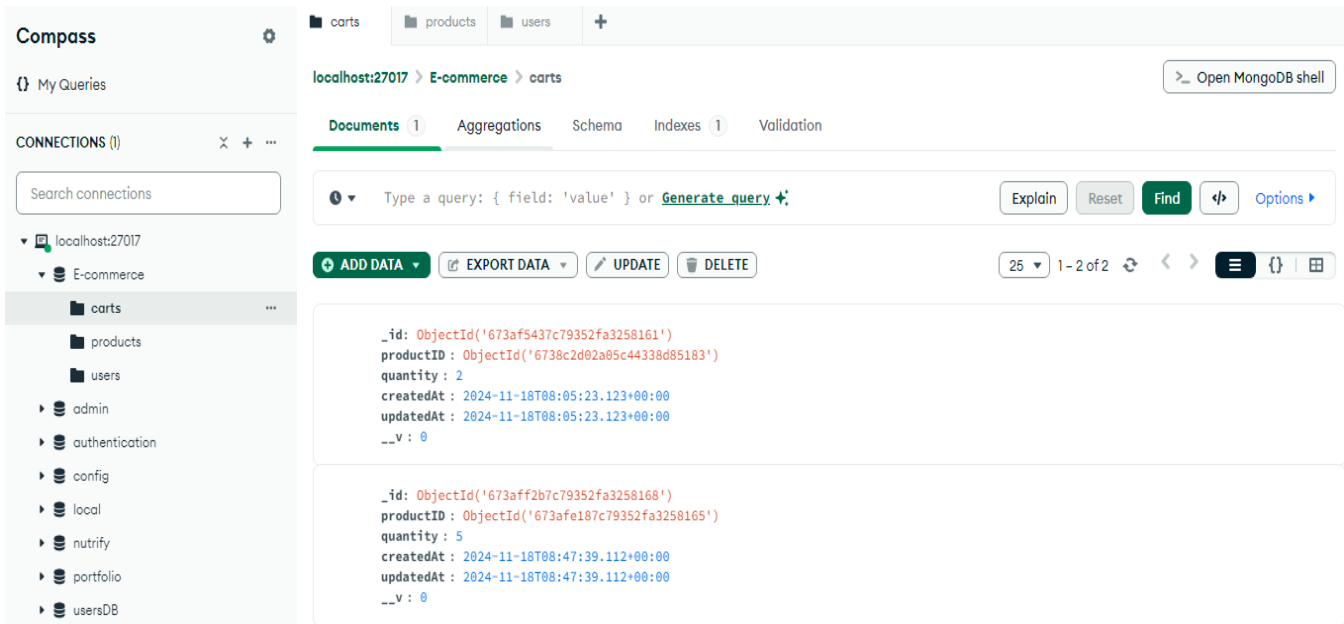
(Invalid Token)



2. GET /cart : Fetch a list of carts with token authentication from MongoDB .

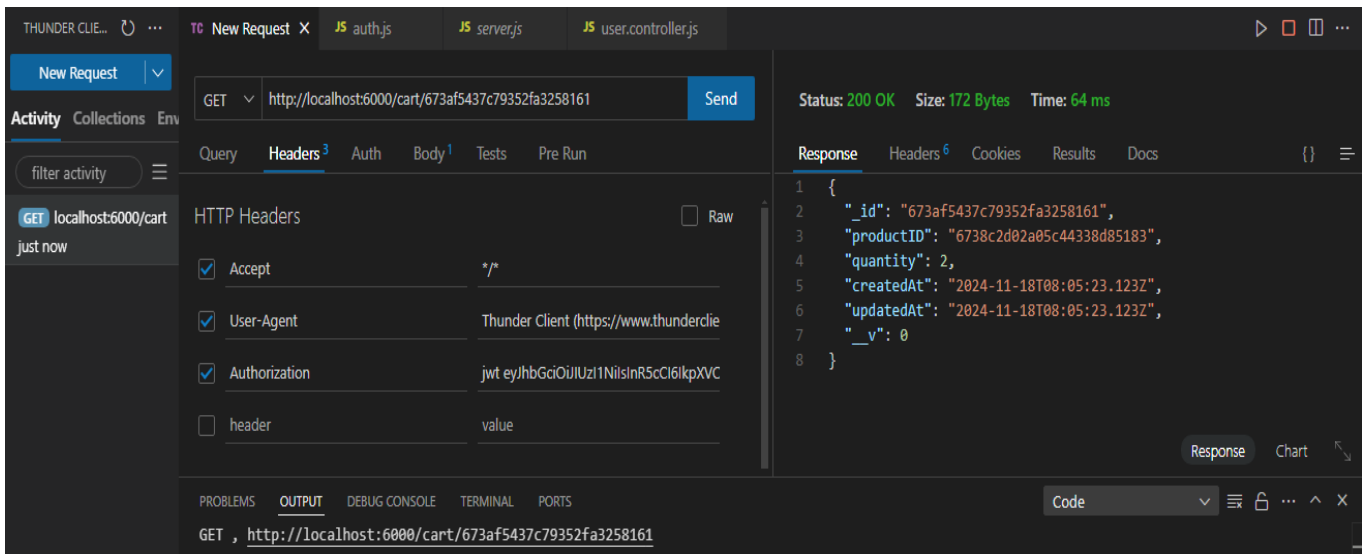


( Fetched list of cart with valid token )

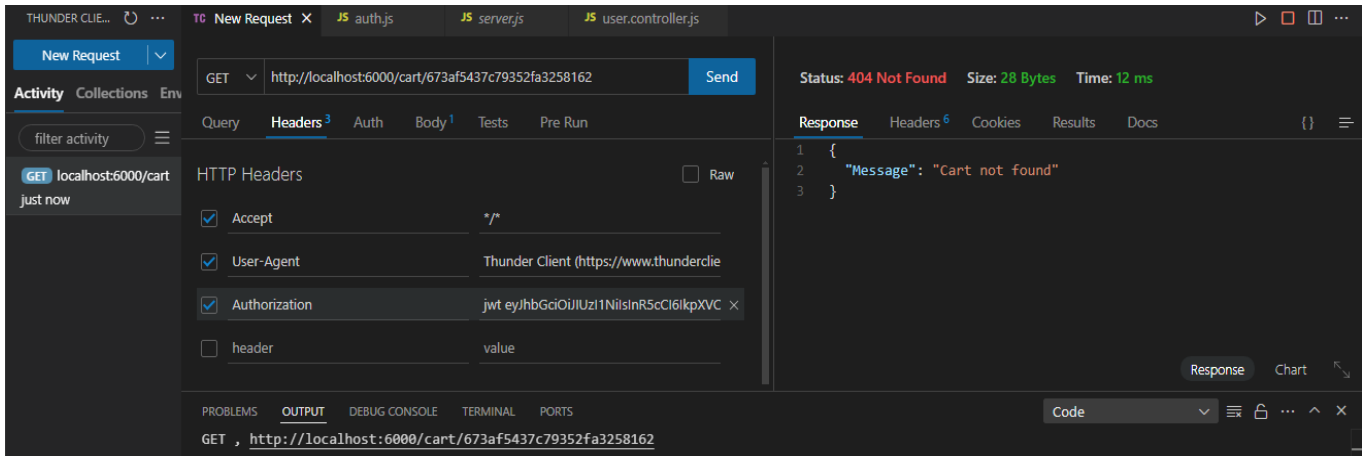


(stored a list of cart with productId in MongoDB)

3. GET /cart/: id : Fetch a cart based on ObjectID from MongoDB .

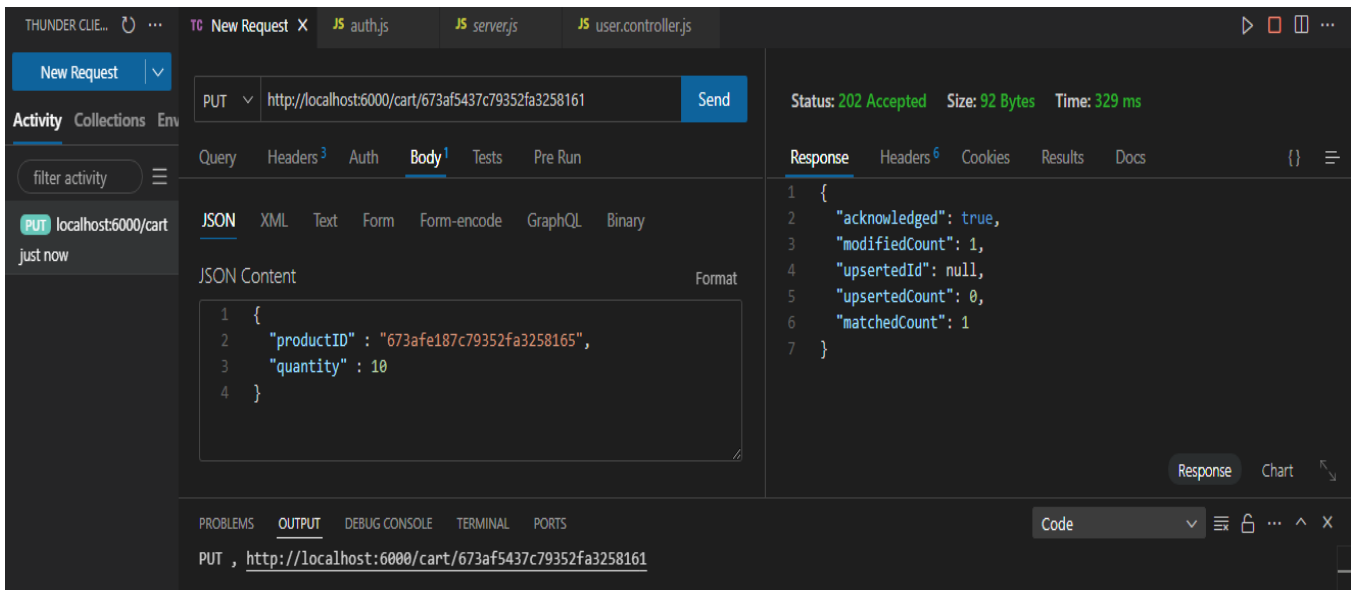


(Fetched a cart by its ObjectId)

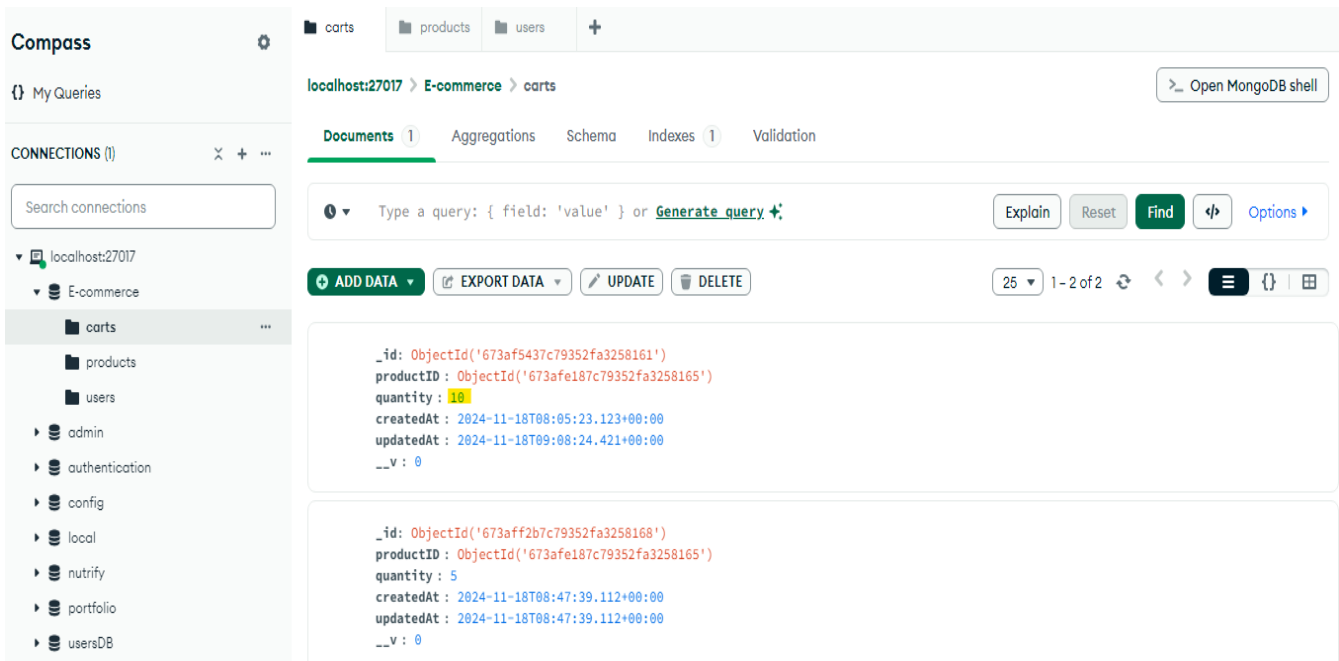


(Invalid cart ObjectId)

4. UPDATE /cart/: id : Update a card based on ObjectID from MongoDB .

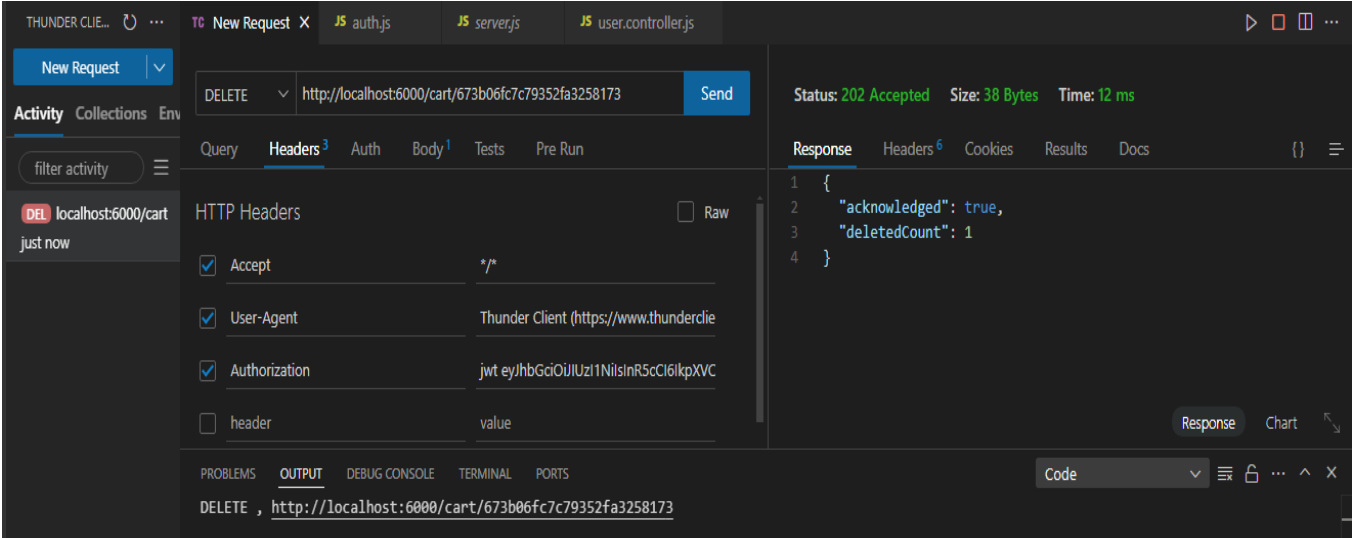


(Updated cart quantity based on its ID)

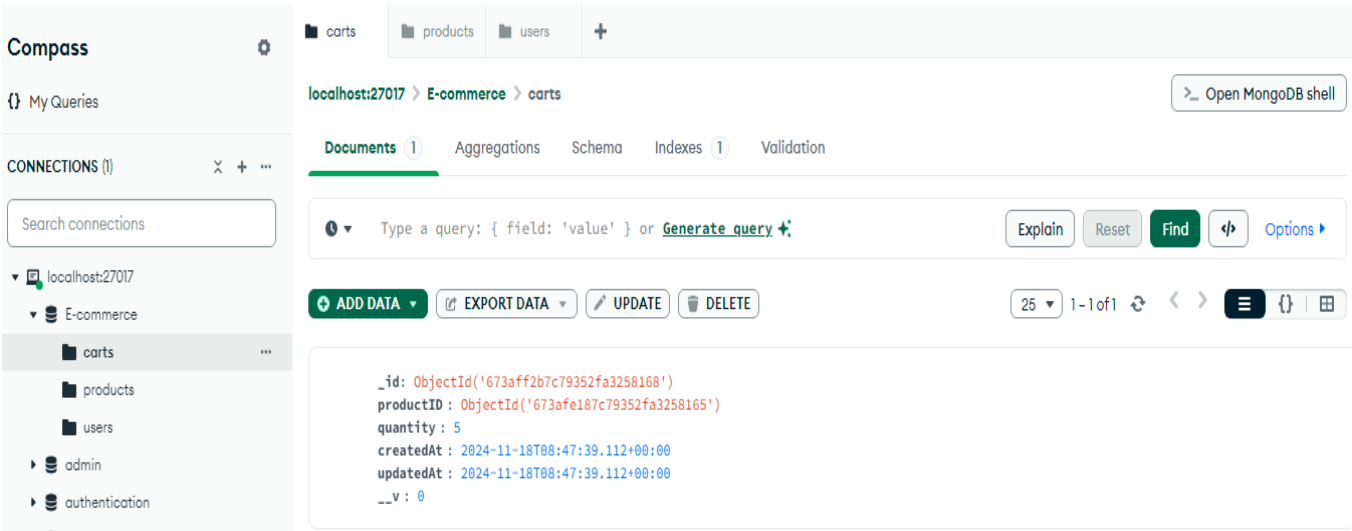


(Updated cart quantity stored in MongoDB)

### 5. DELETE /cart/: id : Delete a cart based on ObjectID from MongoDB .



## (Deleted a cart from MongoDB)



**(Out of two cart ,One cart deleted from MongoDB based on Id )**