APIs with Node.js and Express.js for Shoppyglobe E-commerce

POST /login

Purpose: Retrieve users with a token.
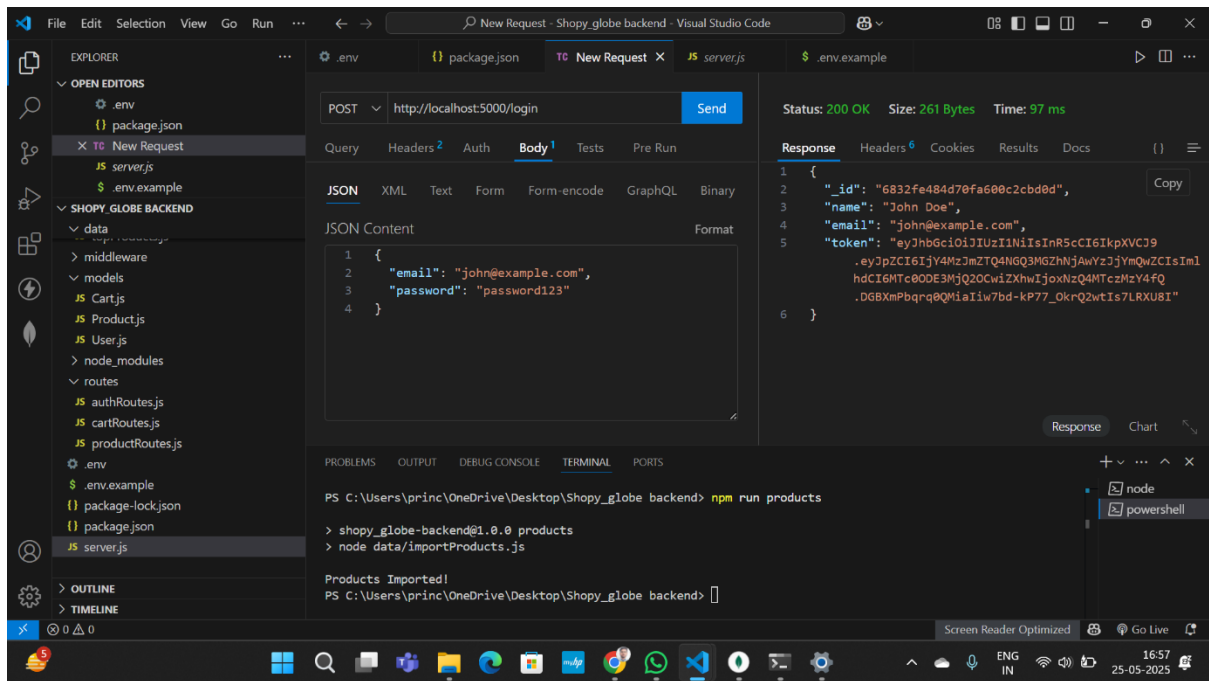
Request Type: POST

Endpoint: /login

Expected Response: 200 OK

Response Body: Object with user properties
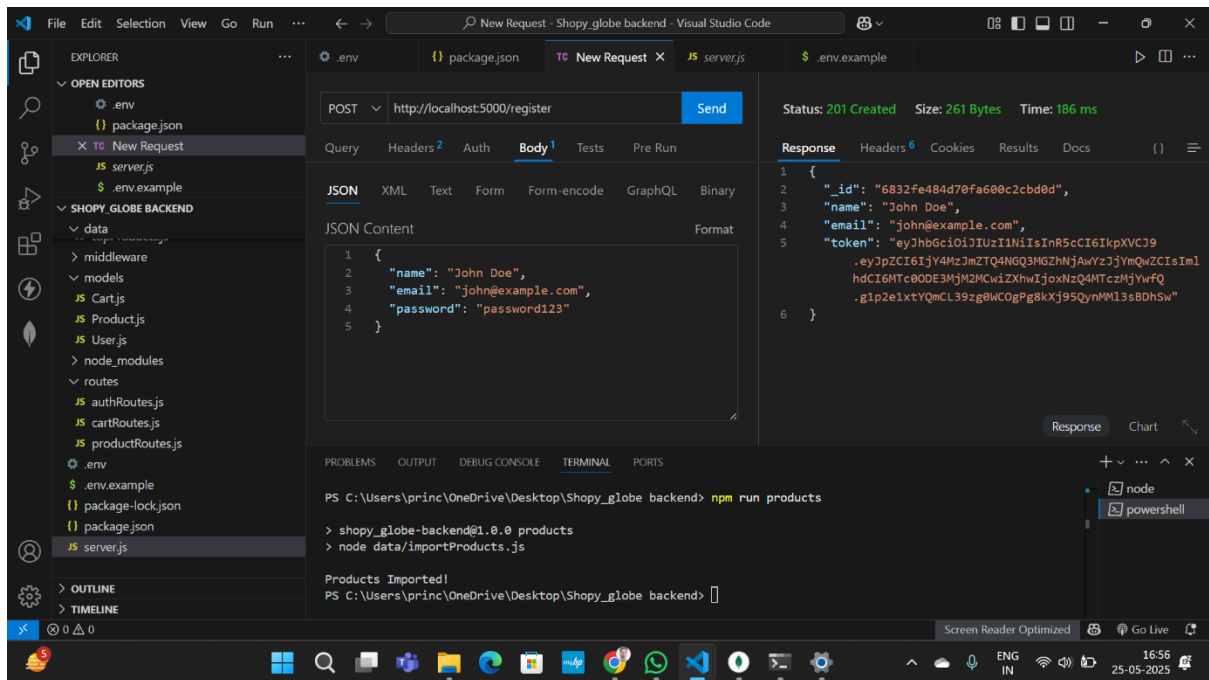
Screenshot:

POST /register

Purpose: Register user.

Request Type: POST

Endpoint: /register

Expected Response: 201 Created
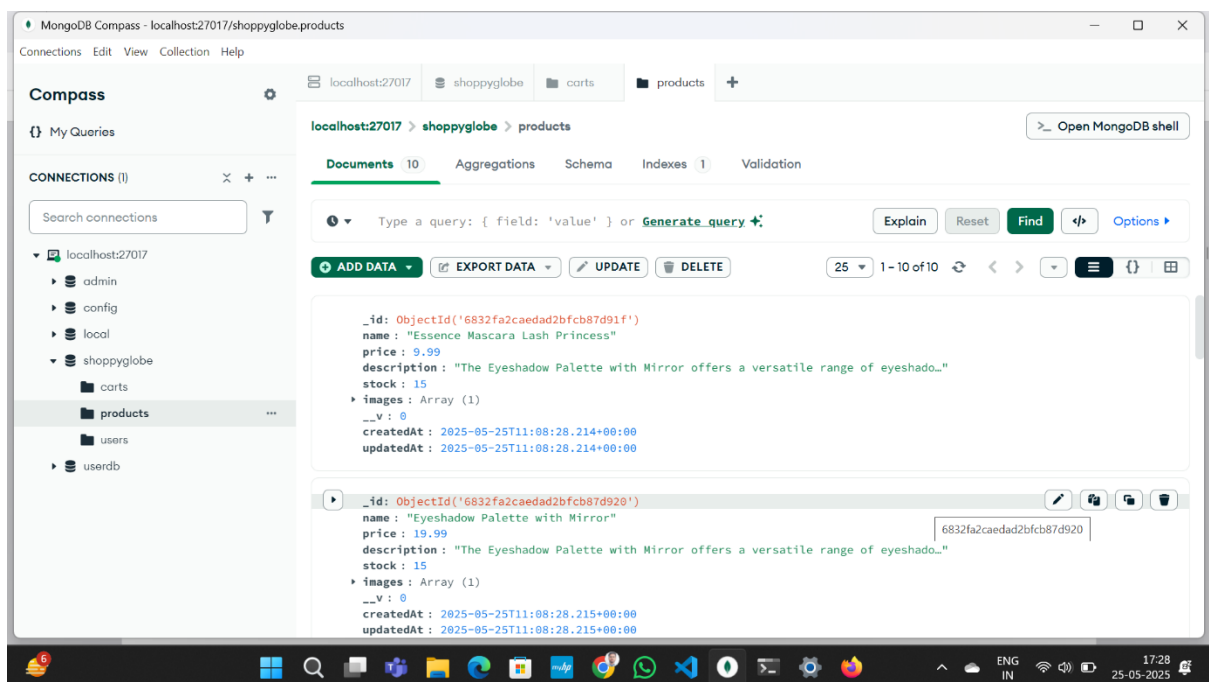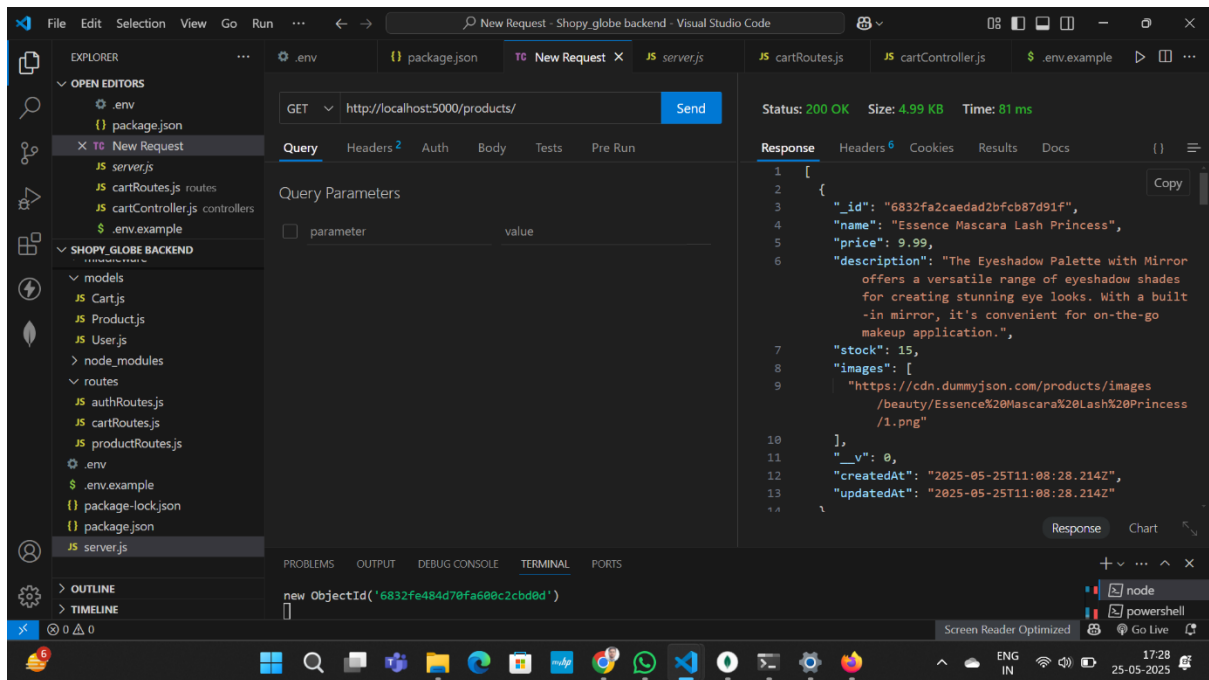
Screenshot:

GET /products

Purpose: Get all products list.

Request Type: GET

Endpoint: /products

Expected Response: 200 Ok

Screenshot:
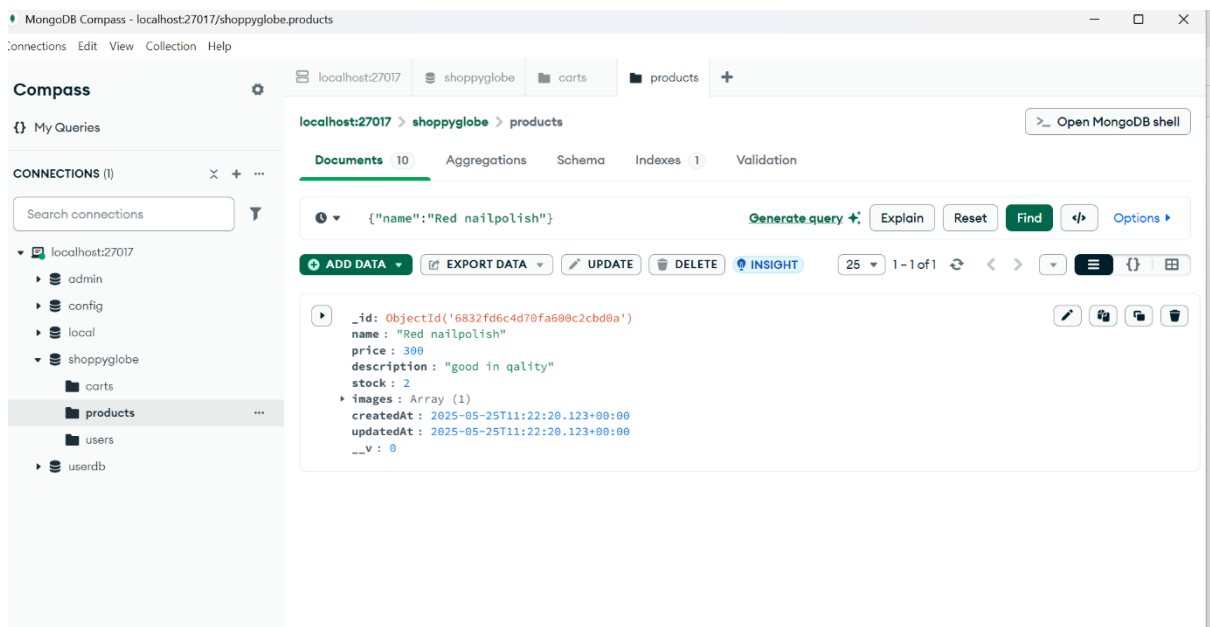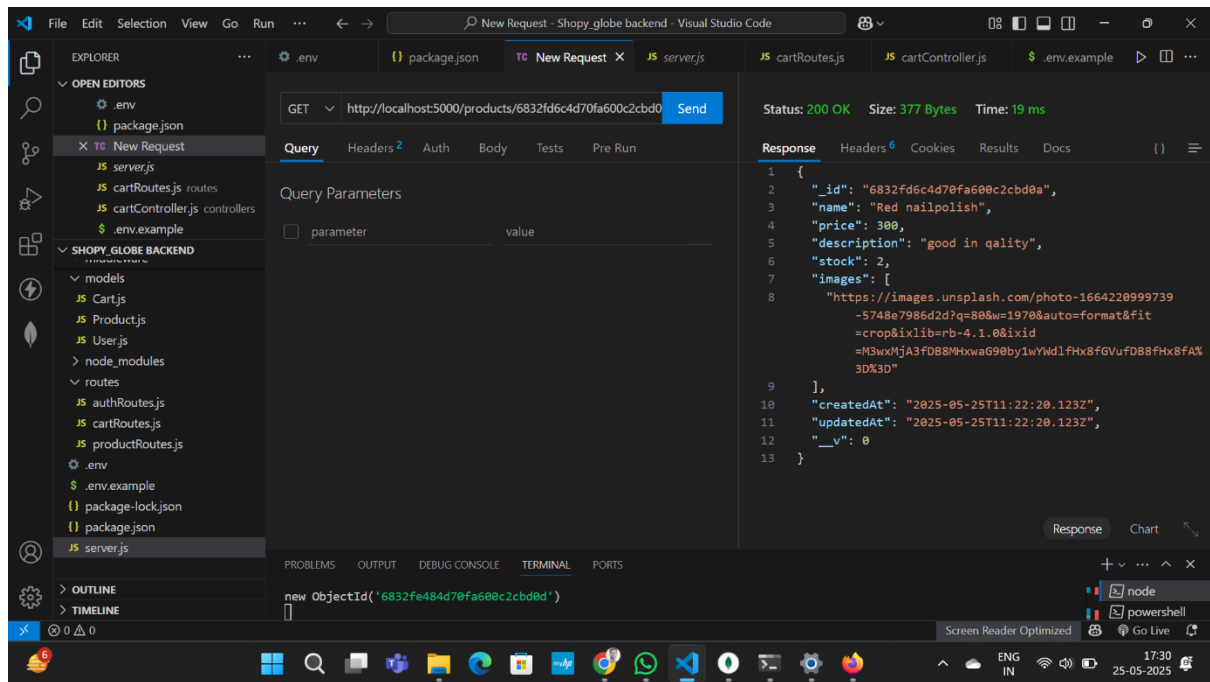
GET /products/:id

Purpose: Get a product details

Request Type: GET

Endpoint: /products/:id

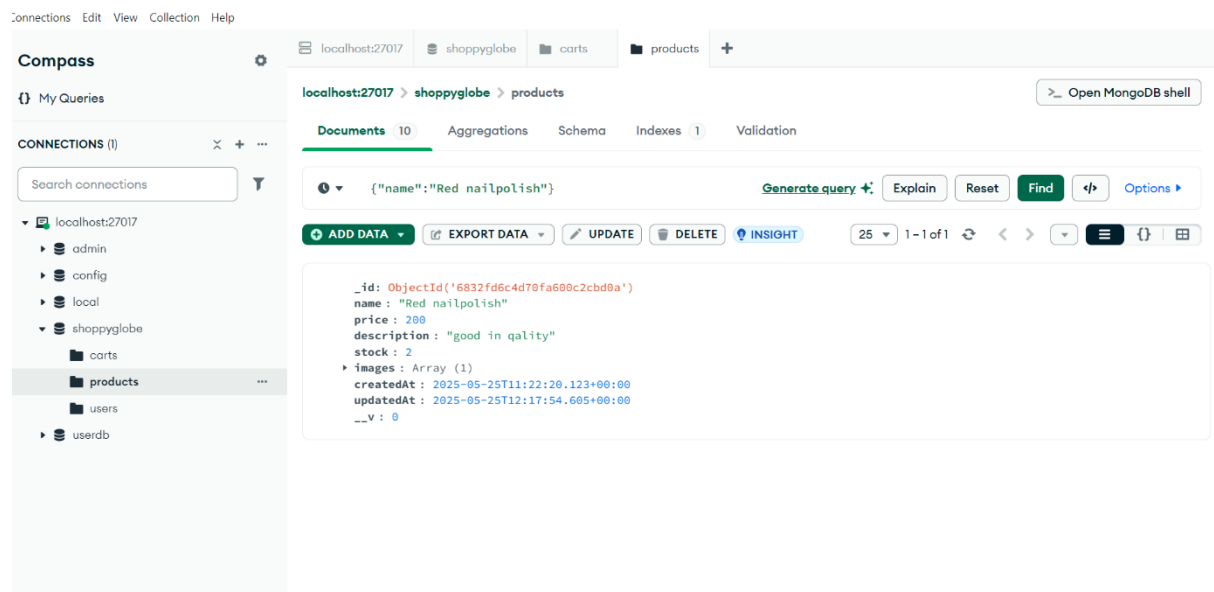Expected Response: 200 OK

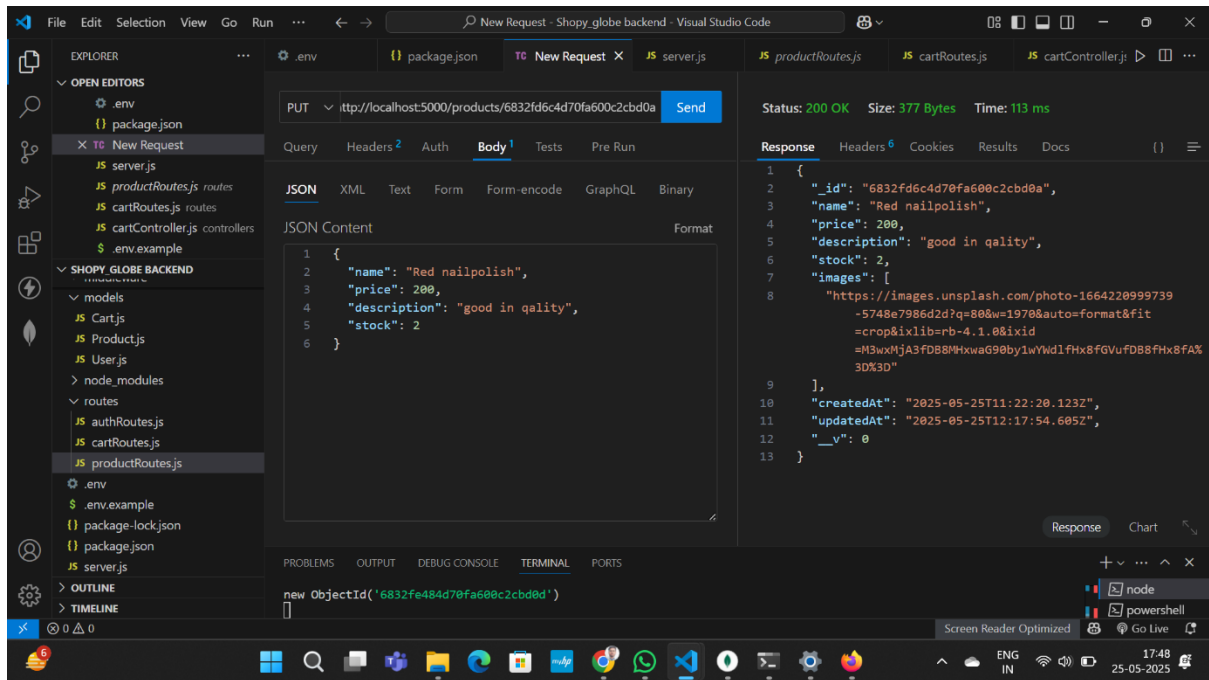## Screenshot:

PUT /products/:id

Purpose: Get a product details

Request Type: PUT

Endpoint: /products/:id

Expected Response: 200 Ok

Screenshot:
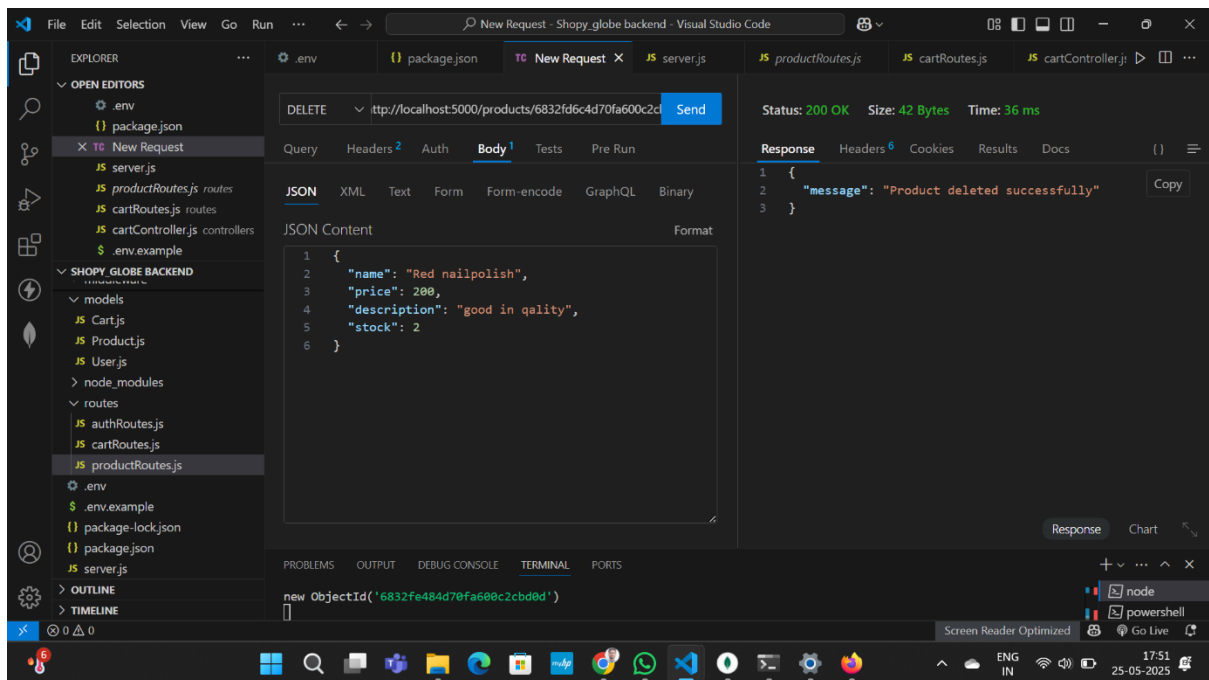
DELETE /products/:id

Purpose: Get a product details

Request Type: DELETE

Endpoint: /products/:id

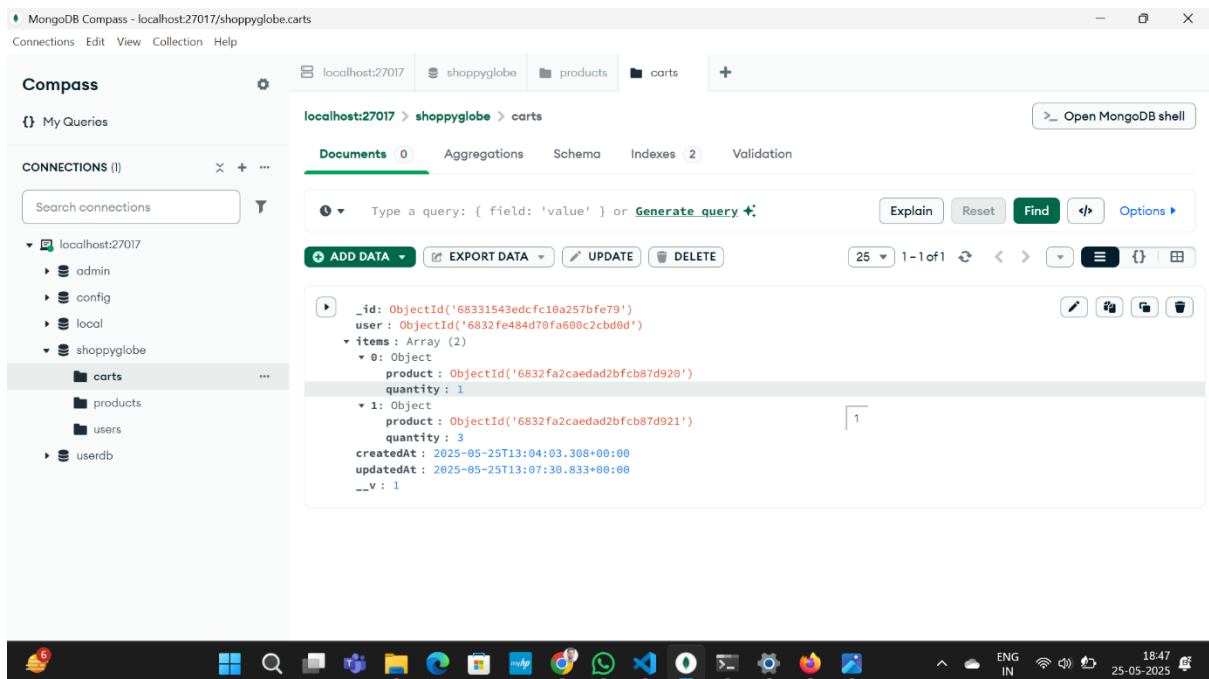Expected Response: 200 Ok

Screenshot:
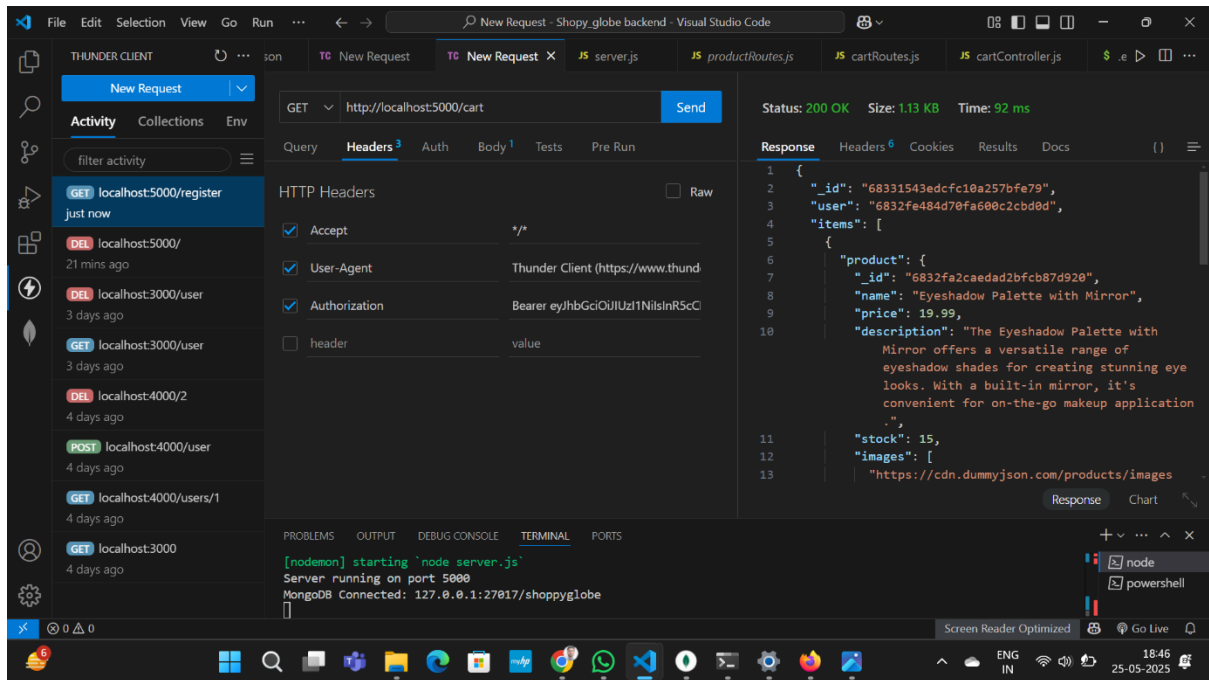
GET /cart

Purpose: Get a cart list

Request Type: GET

Endpoint: /cart

Expected Response: 200 OK

Screenshot:
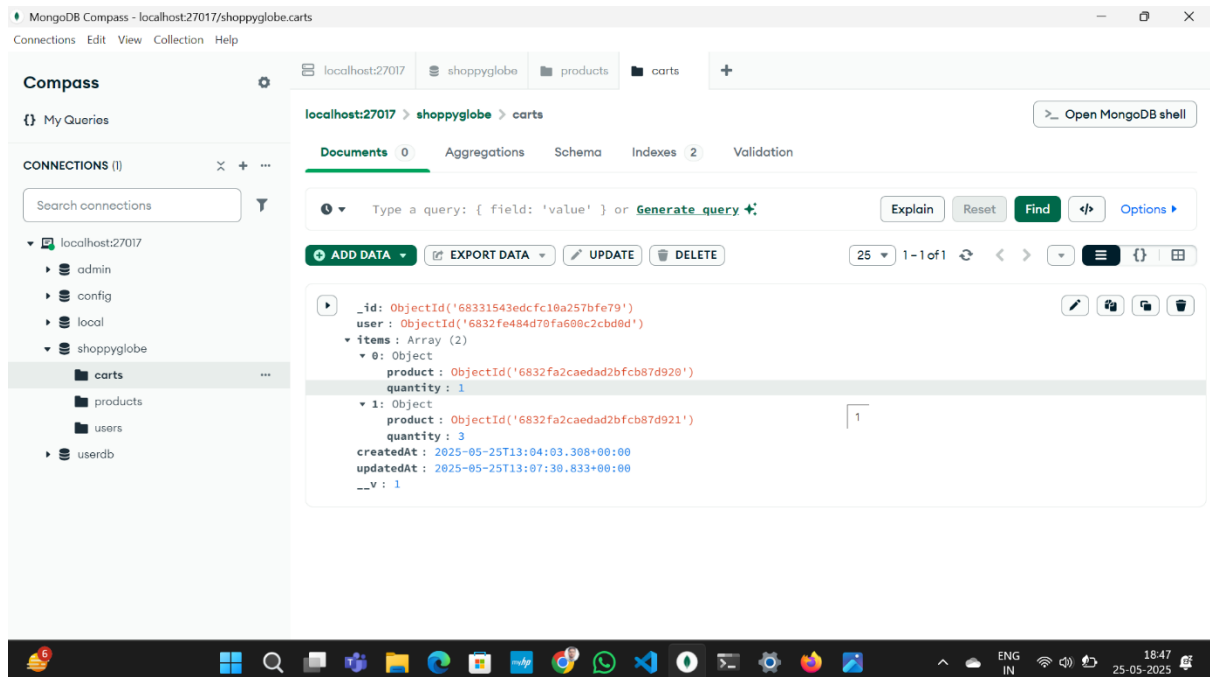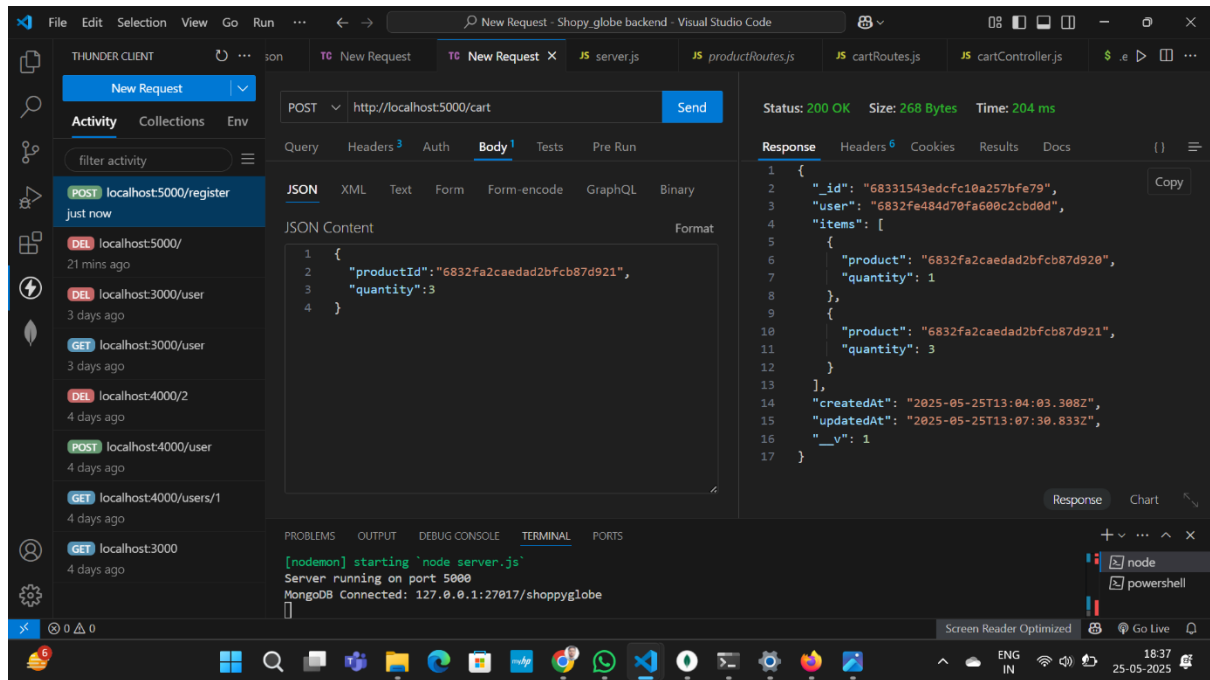
POST /cart

Purpose: Add to cart

Request Type: POST

Endpoint: /cart

Expected Response: 200 OK

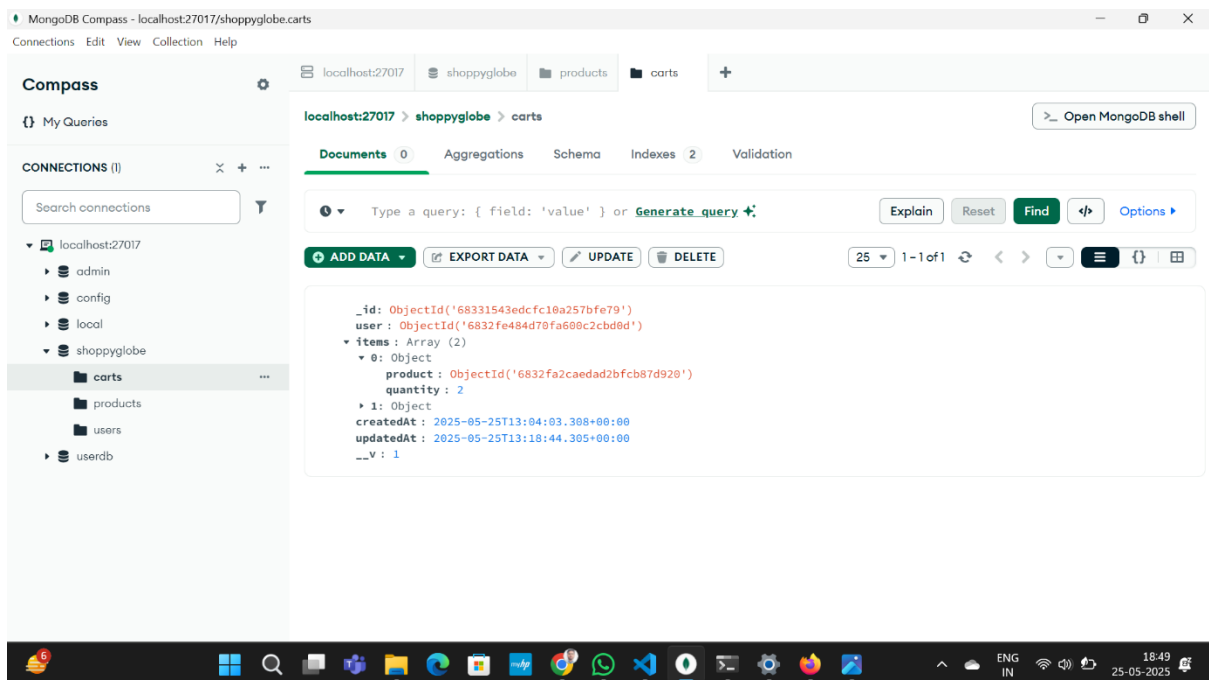## Screenshot:

PUT /cart/:id
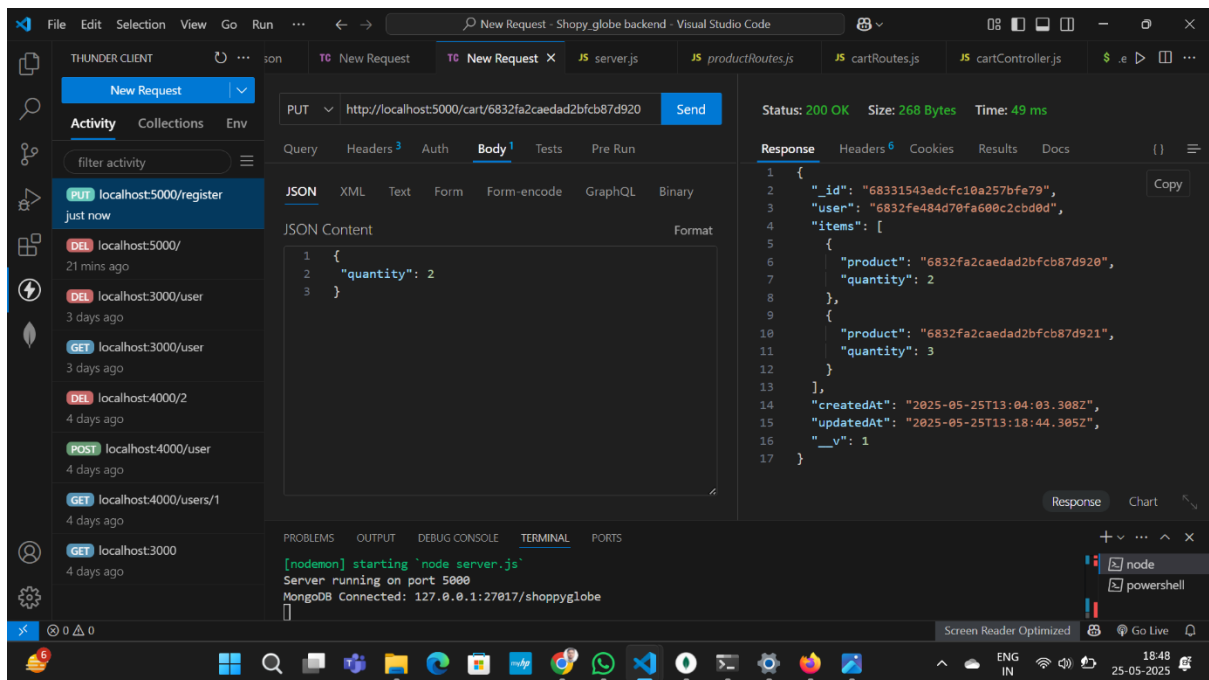
Purpose: Add to cart

Request Type: PUT

Endpoint: /cart/:id

Expected Response: 200 OK

Response Body: object with quantity property

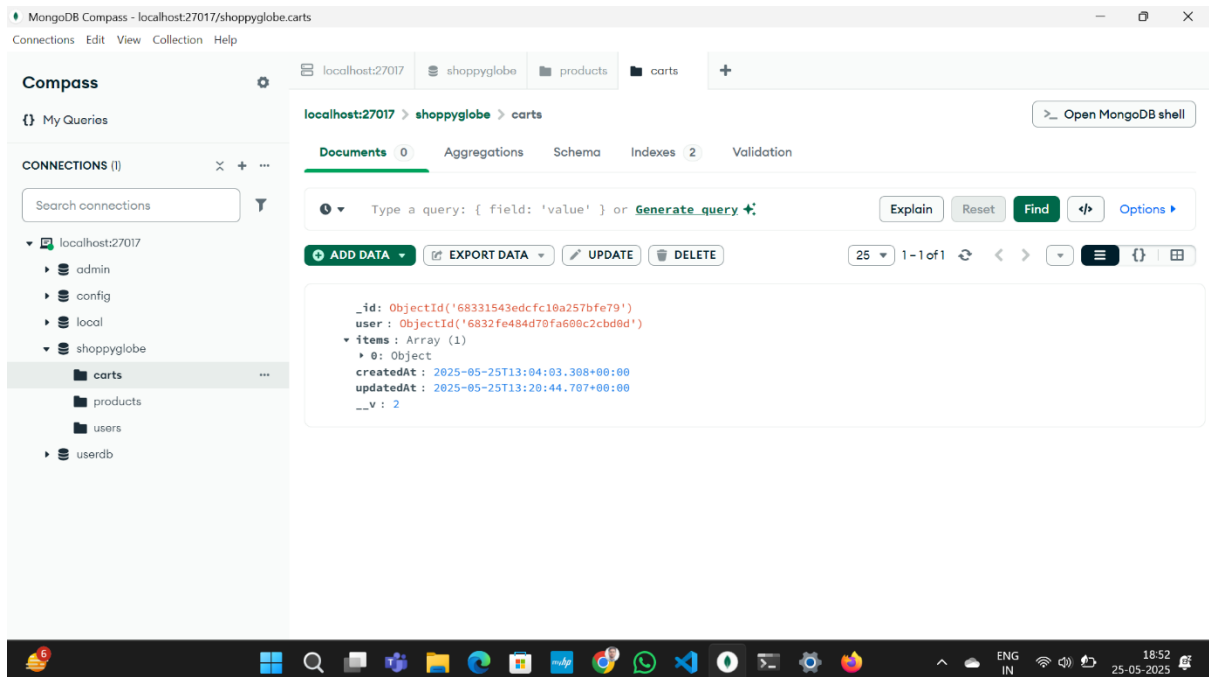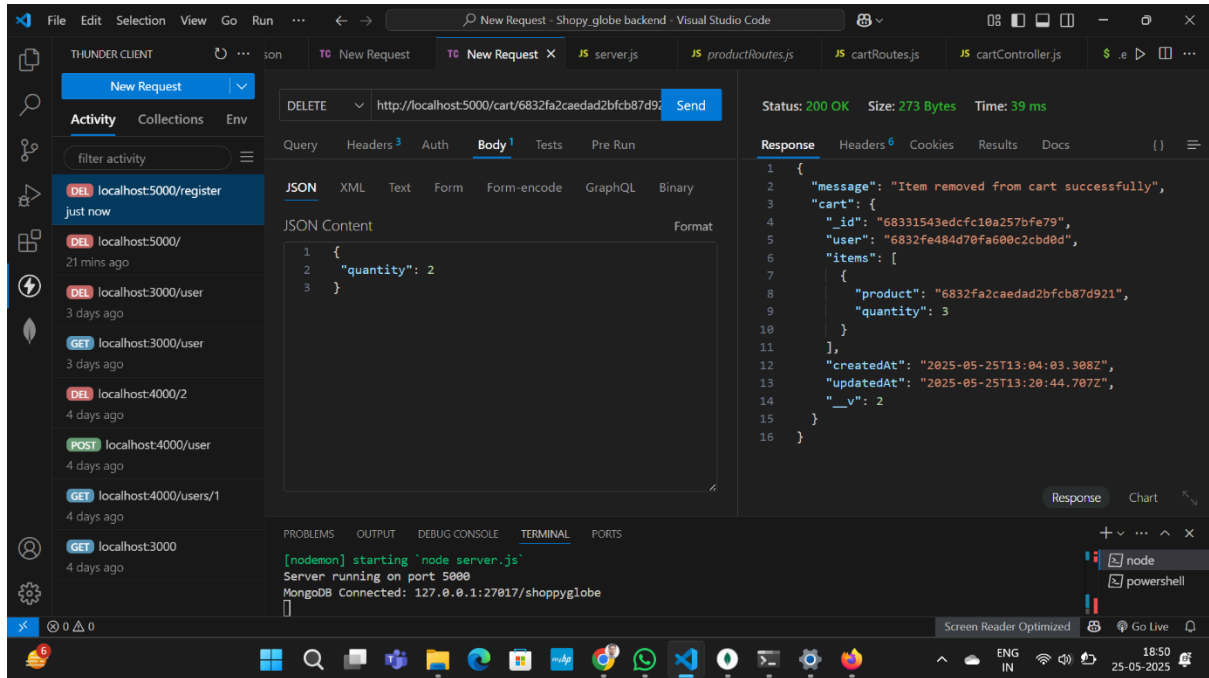## Screenshot:

DELETE /cart/:id

Purpose: Remove a cart item by their ID.

Request Type: DELETE

Endpoint: /cart/:id
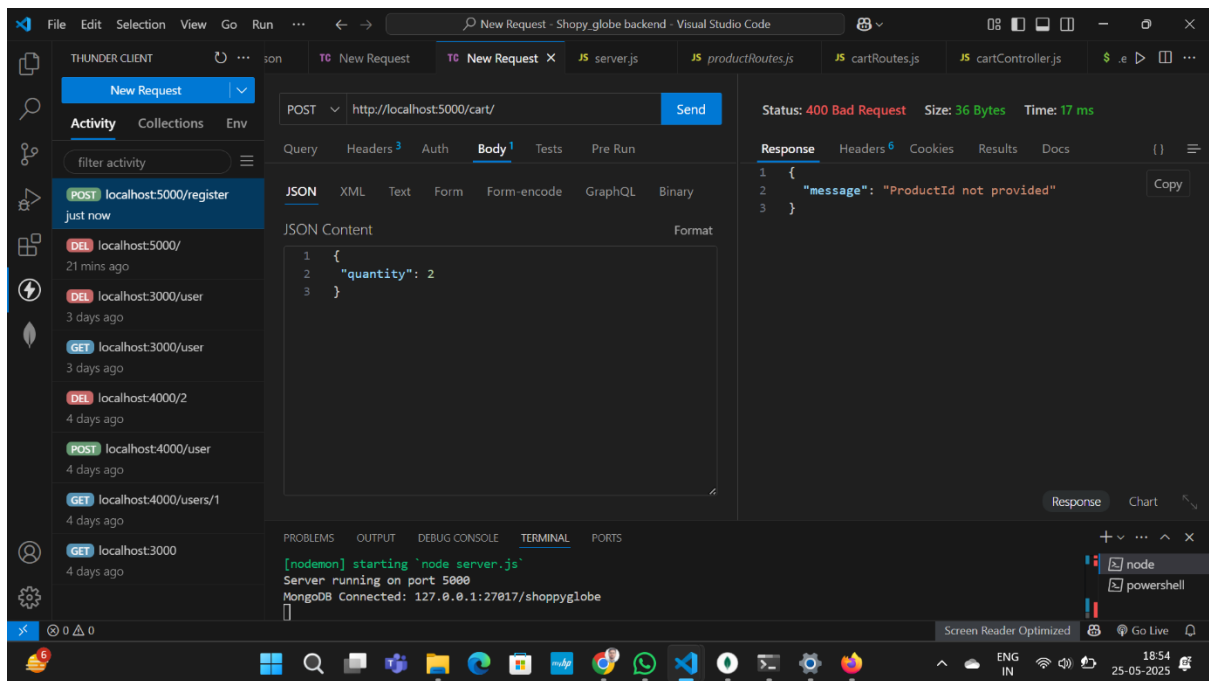
Expected Response: 200 OK

Screenshot:

Error Handling Screenshots

1. VALIDATE INPUT (POST) /cart without required fields

Expected: 400 Bad Request

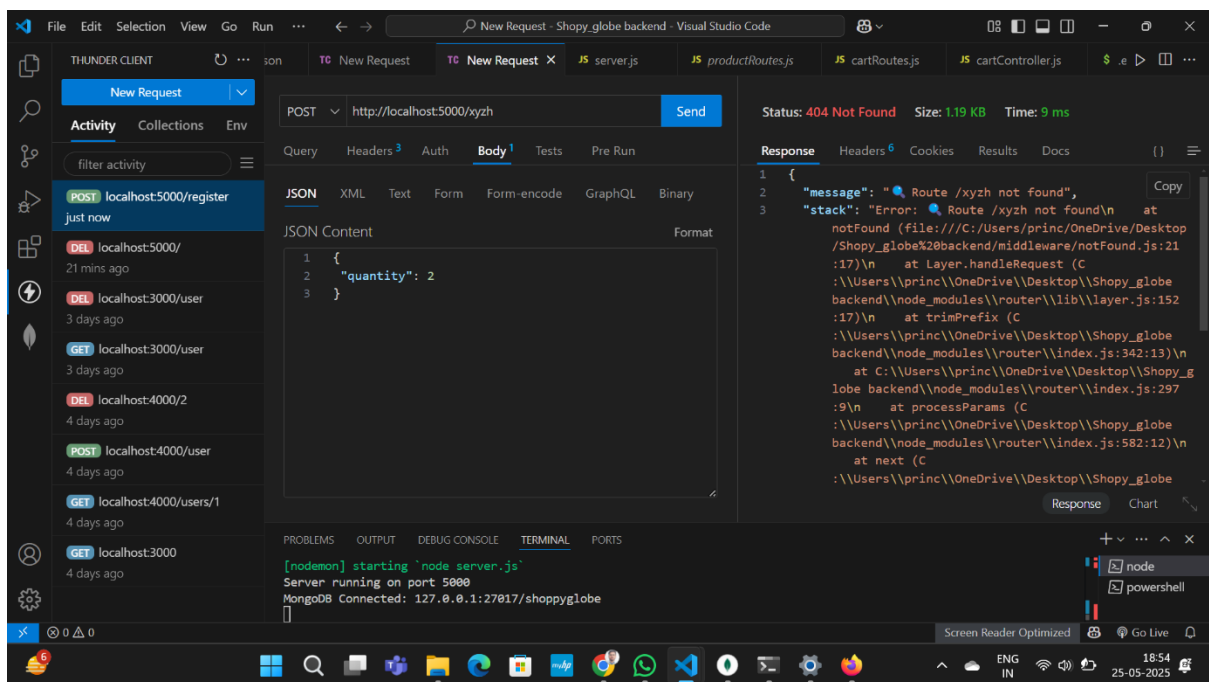Message: "ProductId not provided"

Screenshot:

2. INVALID ROUTE (GET/PUT/DELETE) with invalid route

Expected: 404 Not Found
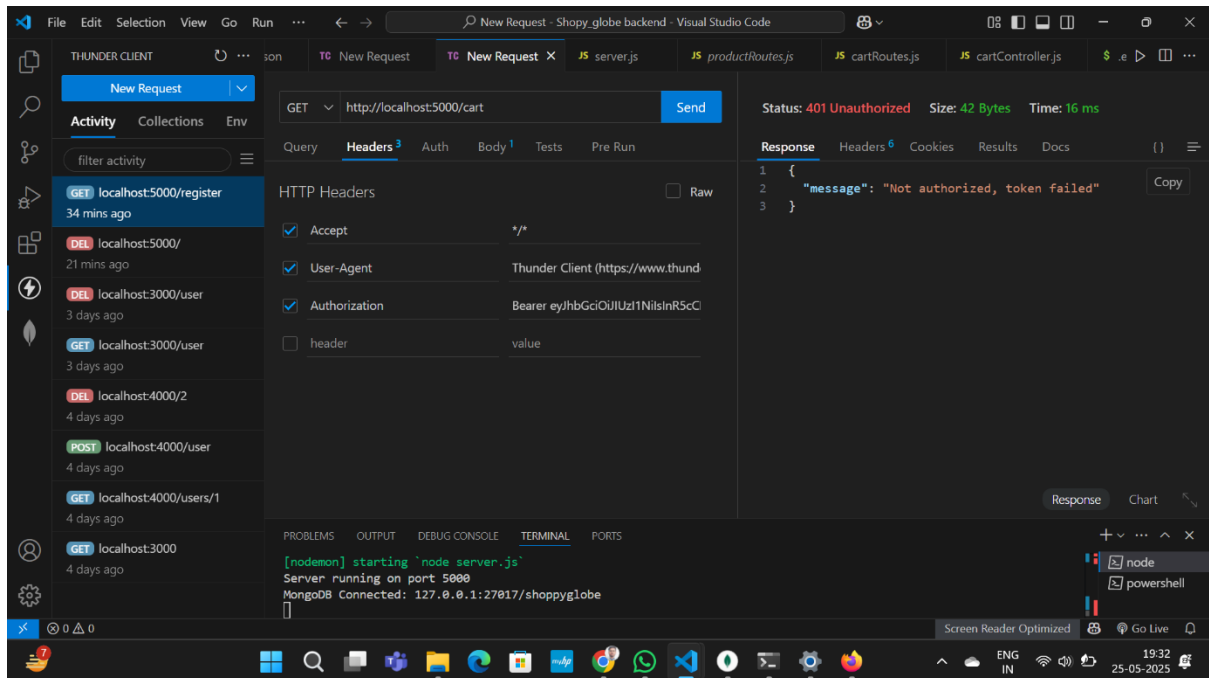
Message: "Route /jend not found"

Screenshot:

3. INVALID TOKEN (GET,PUT,POST,DELETE) /cart with invalid ID

Expected: 401 Unauthorized

Message: "Not authorized, token failed"

Screenshot:

4. INVALID CREDENTIALS /login with invalid credentials

Expected: 400 Bad Request

Message: "Invalid credentials"

Screenshot: