

Authentication & Authorization:

TC User Registration X

POST http://localhost:8081/register **Send**

Status: **201 Created** Size: **29 Bytes** Time: **192 ms**

Query Headers ² Auth **Body ¹** Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

```
1 {
2   "name": "Srijan2",
3   "email": "srijan@example2.com",
4   "password": "shoppy123"
5 }
6
```

Response Headers ⁷ Cookies Results Docs

```
1 {
2   "message": "User registered"
3 }
```

PROBLEMS OUTPUT PORTS **DEBUG CONSOLE**

TERMINAL

```
[nodemon] starting `node server.js`
[dotenv@17.1.0] injecting env (3) from .env (tip: write to custom object with { processEnv: myObject })
Server running on port 8081
MongoDB connected: ac-zdtfewg-shard-00-02.qyd9c32.mongodb.net
```

POST http://localhost:8081/login **Send**

Status: **200 OK** Size: **188 Bytes** Time: **142 ms**

Query Headers ² Auth **Body ¹** Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

```
1 {
2   "email": "srijan@example.com",
3   "password": "shoppy123"
4 }
5
```

Response Headers ⁷ Cookies Results Docs {} ≡

```
1 {
2   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2MDZlNWJkYTJlZjg5ZmFhOTMxMmMzNDIiLCJpYXQiOiE3NTIwNjU3NjcsImV4cCI6MTY3MjE1MjE1MjE2N30.jcsImV4cCI6MTc1MjE1MjE2N30.Xr26_bE5qsDdnLS7p0IwE3bd3Yv0_NFKMxxC7pBg7po"
3 }
```

PROBLEMS OUTPUT PORTS **DEBUG CONSOLE** ... ^ x

TERMINAL

```
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Server running on port 8081
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```

Authentication & Authorization:

GET ⌵ http://localhost:8081/products Send

Query

Headers 2 Auth Body Tests Pre Run

Query Parameters

☐ parameter value

PROBLEMS OUTPUT PORTS DEBUG CONSOLE

TERMINAL

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MongoDB connected: ac-zdtfewg-shard-00-02.qyd9c32.mongodb.net

Status: 200 OK Size: 827 Bytes Time: 187 ms

Response

Headers 7 Cookies Results Docs

```
1 [
2   {
3     "_id": "686e6123b3d8c90749b130f7",
4     "name": "iPhone 15 Pro",
5     "price": 1299,
6     "description": "Latest Apple iPhone with A17 chip and triple camera
7       system.",
8     "stock": 10
9   },
10  {
11    "_id": "686e6123b3d8c90749b130f8",
12    "name": "Samsung Galaxy S24",
13    "price": 1099,
14    "description": "Samsung's flagship smartphone with dynamic AMOLED
15      display.",
16    "stock": 15
17  },
18  {
19    "_id": "686e6123b3d8c90749b130f9",
20    "name": "Sony WH-1000XM5 Headphones",
21    "price": 399,
22    "description": "Industry-leading noise cancellation wireless headphones
23      ",
24    "stock": 20
25  },
26  {
27    "_id": "686e6123b3d8c90749b130fa",
28    "name": "Apple MacBook Air M2",
29    "price": 1199,
30    "description": "Apple's thin and light laptop with M2 chip and Retina
31      display."
32  }
33 ]
```

Response Chart

PROBLEMS OUTPUT PORTS DEBUG CONSOLE

TERMINAL

[nodemon] starting `node server.js`
[dotenv@17.1.0] injecting env (3) from .env (tip: write to custom object with { processEnv: myObject })
Server running on port 8081
MongoDB connected: ac-zdtfewg-shard-00-02.qyd9c32.mongodb.net

GET ⌵ http://localhost:8081/products/686e6123b3d8c90749b130fb Send

Query

Headers 2 Auth Body Tests Pre Run

Query Parameters

☐ parameter value

PROBLEMS OUTPUT PORTS DEBUG CONSOLE

TERMINAL

[nodemon] starting `node server.js`
[dotenv@17.1.0] injecting env (3) from .env (tip: write to custom object with { processEnv: myObject })
Server running on port 8081
MongoDB connected: ac-zdtfewg-shard-00-02.qyd9c32.mongodb.net

Status: 200 OK Size: 171 Bytes Time: 30 ms

Response

Headers 7 Cookies Results Docs

```
1 {
2   "_id": "686e6123b3d8c90749b130fb",
3   "name": "Logitech MX Master 3",
4   "price": 99,
5   "description": "Ergonomic wireless mouse with advanced precision and
6     custom buttons.",
7   "stock": 30
8 }
```

Response Chart

PROBLEMS OUTPUT PORTS DEBUG CONSOLE

TERMINAL

[nodemon] starting `node server.js`
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Server running on port 8081
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Authentication & Authorization:

POST `http://localhost:8081/cart` **Send**

Status: **200 OK** Size: **175 Bytes** Time: **106 ms**

Query Headers **Auth** **Body** Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

```
1 {
2   "productId": "123456invalid",
3   "quantity": 2
4 }
5
```

Response Headers 7 Cookies Results Docs

```
1 {
2   "userId": "686e5bda2ef89faa9312c341",
3   "items": [
4     {
5       "productId": "686e6123b3d8c90749b130fb",
6       "quantity": 2,
7       "_id": "686e670898351bdfd24cf6cb"
8     }
9   ],
10  "_id": "686e670898351bdfd24cf6ca",
11  "__v": 0
12 }
```

PROBLEMS OUTPUT PORTS **DEBUG CONSOLE**

TERMINAL

```
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Server running on port 8081
MongoDB connected: ac-zdtfewg-shard-00-02.qyd9c32.mongodb.net
```

PUT `http://localhost:8081/cart/686e6123b3d8c90749b130fb` **Send**

Status: **200 OK** Size: **175 Bytes** Time: **102 ms**

Query Headers **Auth** **Body** Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

```
1 {
2   "quantity": 5
3 }
4
```

Response Headers 7 Cookies Results Docs

```
1 {
2   "_id": "686e670898351bdfd24cf6ca",
3   "userId": "686e5bda2ef89faa9312c341",
4   "items": [
5     {
6       "productId": "686e6123b3d8c90749b130fb",
7       "quantity": 5,
8       "_id": "686e670898351bdfd24cf6cb"
9     }
10  ],
11  "__v": 0
12 }
```

PROBLEMS OUTPUT PORTS **DEBUG CONSOLE**

TERMINAL

```
[nodemon] starting `node server.js`
[dotenv@17.1.0] injecting env (3) from .env (tip: write to custom object with { processEnv: myObject })
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MongoDB connected: ac-zdtfewg-shard-00-02.qyd9c32.mongodb.net
```

Authentication & Authorization:

The screenshot displays a REST client interface with two tabs: "User Registration" and "DELETE Cart Item". The "DELETE Cart Item" tab is active, showing a DELETE request to the URL `http://localhost:8081/cart/686e66c4b3d8c90749b1310d`. The request is sent, and the response is displayed in the "Response" tab. The response status is 200 OK, with a size of 175 Bytes and a time of 439 ms. The response body is a JSON object:

```
{
  "_id": "686e670898351bdfd24cf6ca",
  "userId": "686e5bda2ef89faa9312c341",
  "items": [
    {
      "productId": "686e6123b3d8c90749b130fb",
      "quantity": 2,
      "_id": "686e670898351bdfd24cf6cb"
    }
  ],
  "__v": 0
}
```

The bottom of the interface shows a terminal window with the following output:

```
[nodemon] starting 'node server.js'
[dotenv@17.1.0] injecting env (3) from .env (tip: write to custom object with { processEnv: myObject })
Server running on port 8081
MongoDB connected: ac-zdtfewg-shard-00-02.qyd9c32.mongodb.net
```

Authentication & Authorization:

The screenshot displays the VS Code interface with a REST client request and a 500 Internal Server Error response.

Request:

- Method: POST
- URL: http://localhost:8081/cart
- Body (JSON):

```
{  "productId": "123456",  "quantity": 2}
```

Response:

- Status: 500 Internal Server Error
- Response Body:

```
{  "message": "Cast to 0    path \"_id\" for
```

Terminal:

```
[nodemon] starting `node server.js`
[dotenv@17.1.0] injecting env (3) from .env (tip: 🐛 write to custom object with { processEnv: myObject })
```