E-Commerce API Documentation

Base URL: http://localhost:3000/api

Authentication Routes (/users)

POST /auth/register

Register a new user

Request Body:  
{  
 "userId": "example123",  
 "password": "yourpassword"  
}

Responses:  
- 201 Created: User registered  
- 400 Bad Request: User already exists

POST /auth/login

Login a user and return a JWT token

Request Body:  
{  
 "userId": "example123",  
 "password": "yourpassword"  
}

Response:  
{  
 "token": "your-jwt-token"  
}

Product Routes (/products)

GET /products

Fetch all products

GET /products/:id

Fetch product by ID  
Response:  
{

"id": "3",

"name": "OnePlus 12",

"brand": "OnePlus",

"price": 899,

"description": "Snapdragon 8 Gen 3, 100W charging"

}  
- 404 Not Found: If ID is invalid

Cart Routes (/cart)

Requires Authentication — include Authorization: Bearer <token> in headers.

POST /cart

Add a product to the user's cart  
Request Body:  
{  
 "productId": “1”,  
 "quantity": 2  
}

GET /cart

Get the logged-in user's cart

DELETE /cart/remove

Remove a product from the user's cart  
Request Body:  
{  
 "productId": “2”  
}

Order Routes (/orders)

Requires Authentication

POST /orders/create

Create a new order from the user's cart

GET /orders

Fetch all orders for logged-in user

Headers for Authenticated Routes

Authorization: Bearer <your\_jwt\_token>