**📄 API Documentation – MyOwn Store**

RESTful API Specification (JSON-based)  
**Base URL**: https://api.myownstore.com (or localhost:5000 for dev)

**🔐 Authentication APIs**

**POST /api/auth/register**

**Description**: Register a new user  
**Body**:

json

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{

"name": "Rohit",

"email": "rohit@example.com",

"password": "secure123",

"phone": "9876543210"

}

**Returns**: JWT token + user data

**POST /api/auth/login**

**Description**: Login existing user  
**Body**:

json

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{

"email": "rohit@example.com",

"password": "secure123"

}

**Returns**: JWT token + user data

**GET /api/auth/me**

**Description**: Get logged-in user details  
**Header**: Authorization: Bearer <token>

**🛍️ Product APIs**

**GET /api/products**

**Description**: Get all products (with optional filters)  
**Query Params**:

* category=Shoes
* search=shoes
* page=1&limit=10

**GET /api/products/:id**

**Description**: Get product details by ID

**GET /api/products/suggest/:id**

**Description**: Suggest similar products  
**Logic**: Based on tags, category, or brand

**📁 Category APIs**

**GET /api/categories**

**Description**: Get all product categories

**🛒 Cart APIs (User Auth Required)**

**GET /api/cart**

**Description**: Get current user’s cart  
**Header**: Authorization: Bearer <token>

**POST /api/cart**

**Description**: Add product to cart  
**Body**:

json

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{

"productId": "PRODUCT\_ID",

"size": "M",

"quantity": 2

}

**PATCH /api/cart/:productId**

**Description**: Update quantity or size  
**Body**:

json

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{

"quantity": 3,

"size": "L"

}

**DELETE /api/cart/:productId**

**Description**: Remove a product from cart

**📦 Order APIs (User Auth Required)**

**POST /api/orders**

**Description**: Place an order  
**Body**:

json

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{

"items": [

{

"productId": "PRODUCT\_ID",

"size": "M",

"quantity": 2

}

],

"address": {

"street": "123 Main",

"city": "Pune",

"postalCode": "411001",

"country": "India"

},

"paymentMethod": "UPI",

"couponCode": "SAVE20"

}

**GET /api/orders**

**Description**: Get current user's order history

**GET /api/orders/:id**

**Description**: Get order details & status

**PUT /api/orders/:id/cancel**

**Description**: Cancel an order if it's not shipped

**🎟️ Coupon APIs**

**POST /api/coupons/apply**

**Description**: Apply a coupon code  
**Body**:

json

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{

"code": "SAVE20"

}

**Returns**:

json

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{

"valid": true,

"discountPercent": 20

}

**⭐ Review APIs (User Auth Required)**

**POST /api/reviews**

**Description**: Add a review  
**Body**:

json

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{

"productId": "PRODUCT\_ID",

"rating": 4,

"comment": "Good quality!"

}

**GET /api/reviews/:productId**

**Description**: Get all reviews for a product

**📦 Admin APIs (Optional – for Admin Role Only)**

Protected with admin middleware.

**POST /api/products**

**Description**: Add new product

**PUT /api/products/:id**

**Description**: Update product details

**DELETE /api/products/:id**

**Description**: Delete a product

**⚠️ Status Codes**

|  |  |
| --- | --- |
| **Code** | **Meaning** |
| 200 | OK / Success |
| 201 | Created |
| 400 | Bad Request |
| 401 | Unauthorized |
| 403 | Forbidden (admin only) |
| 404 | Not Found |
| 500 | Server Error |