

# E-commerce API 1.0 OAS 3.0

A comprehensive e-commerce backend API built with NestJS

Servers

[http://localhost:3000 - Development server](#)

[Authorize](#) 

Filter by tag

Authentication









User authentication and authorization endpoints

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Users

User management endpoints

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POST	/api/v1/users	Create a new user (Admin only)		⌵
GET	/api/v1/users	Get all users with pagination and filtering (Admin only)		⌵
GET	/api/v1/users/profile	Get current user profile		⌵
PATCH	/api/v1/users/profile	Update current user profile		⌵
GET	/api/v1/users/{id}	Get user by ID (Admin only)		⌵
PATCH	/api/v1/users/{id}	Update user by ID		⌵
DELETE	/api/v1/users/{id}	Delete user by ID (Admin only)		⌵
PATCH	/api/v1/users/{id}/verify-email	Verify user email (Admin only)		⌵

**PATCH**    `/api/v1/users/{id}/loyalty-points`    Add loyalty points to user (Admin only)



## Products

Product management endpoints



**POST**    `/api/v1/products`    Create a new product



**GET**    `/api/v1/products`    Get all products with filtering and pagination



**GET**    `/api/v1/products/stats`    Get product statistics (Admin only)



**GET**    `/api/v1/products/slug/{slug}`    Get product by slug



**GET**    `/api/v1/products/{id}`    Get product by ID



**PATCH**    `/api/v1/products/{id}`    Update product by ID



**DELETE**    `/api/v1/products/{id}`    Delete product by ID



**PATCH**    `/api/v1/products/{id}/stock`    Update product stock



## Categories

Category management endpoints



**POST**    `/api/v1/categories`    Create a new category (Admin only)



**GET**    `/api/v1/categories`    Get all categories with optional filtering and pagination



**GET**    `/api/v1/categories/tree`    Get category tree structure



**GET**    `/api/v1/categories/stats`    Get category statistics (Admin only)



**GET**    `/api/v1/categories/slug/{slug}`    Get category by slug



**GET**    `/api/v1/categories/{id}`    Get category by ID



**PATCH**    `/api/v1/categories/{id}`    Update category by ID (Admin only)



**DELETE**    `/api/v1/categories/{id}`    Delete category by ID (Admin only)



## Orders

Order management endpoints



**POST**    `/api/v1/orders`    Create a new order



**GET**    `/api/v1/orders`    Get orders with filtering and pagination



**GET**    `/api/v1/orders/stats`    Get order statistics (Admin only)



**GET**    `/api/v1/orders/number/{orderNumber}`    Get order by order number



**GET**    `/api/v1/orders/{id}`    Get order by ID



**PATCH**    `/api/v1/orders/{id}`    Update order by ID (Admin only)



**PATCH**    `/api/v1/orders/{id}/cancel`    Cancel order



## Cart

Shopping cart endpoints



**GET**    `/api/v1/cart`    Get user cart



**DELETE**    `/api/v1/cart`    Clear entire cart



**GET**    `/api/v1/cart/summary`    Get cart summary



**POST**    `/api/v1/cart/items`    Add item to cart



**PUT**    `/api/v1/cart/items`    Update cart item quantity



**DELETE**    `/api/v1/cart/items/{itemId}`    Remove item from cart



## Reviews

Product review endpoints



POST /api/v1/reviews



GET /api/v1/reviews



GET /api/v1/reviews/{id}



PATCH /api/v1/reviews/{id}



DELETE /api/v1/reviews/{id}



## Wishlist

Wishlist management endpoints



POST /api/v1/wishlist



GET /api/v1/wishlist/user/{userId}



GET /api/v1/wishlist/user/{userId}/default



GET /api/v1/wishlist/public



GET /api/v1/wishlist/{id}



PATCH /api/v1/wishlist/{id}



DELETE /api/v1/wishlist/{id}



POST /api/v1/wishlist/{id}/products/{productId}



DELETE /api/v1/wishlist/{id}/products/{productId}



POST /api/v1/wishlist/{id}/toggle-public



## Payments

Payment processing endpoints



POST /api/v1/payments/create



GET /api/v1/payments/status/{paymentId}



POST /api/v1/payments/refund



POST /api/v1/payments/webhook/stripe



POST /api/v1/payments/webhook/paypal



## Coupons

Coupon and discount endpoints



POST /api/v1/coupons



GET /api/v1/coupons



GET /api/v1/coupons/{id}



PUT /api/v1/coupons/{id}



DELETE /api/v1/coupons/{id}



GET /api/v1/coupons/code/{code}



POST /api/v1/coupons/validate



POST /api/v1/coupons/{id}/apply



PUT /api/v1/coupons/{id}/deactivate



PUT /api/v1/coupons/{id}/activate



GET /api/v1/coupons/{id}/usage-stats



POST /api/v1/coupons/bulk-create



Analytics and reporting endpoints

Analytics

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App

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GET

/api/v1

▼

auth

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POST

/api/v1/auth/register

Register a new user

▼

POST

/api/v1/auth/login

Login user

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Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{  "email": "john.doe@example.com",  "password": "SecurePassword123!"}
```

Responses

Code	Description	Links
200	User successfully logged in	No links

GET

/api/v1/auth/profile

Get user profile

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analytics

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GET

/api/v1/analytics/dashboard

Get dashboard analytics

▼

GET	/api/v1/analytics/metrics	Get specific metrics	▼
GET	/api/v1/analytics/reports	Get analytics reports	▼
POST	/api/v1/analytics/track	Track analytics event	▼

health

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GET	/api/v1/health	Check overall application health	▼
GET	/api/v1/health/live	Liveness probe - check if application is running	▼
GET	/api/v1/health/ready	Readiness probe - check if application is ready to serve traffic	▼
GET	/api/v1/health/detailed	Detailed health information including metrics	▼
GET	/api/v1/health/external	Check external services health	▼
GET	/api/v1/health/metrics	Get application metrics	▼

Schemas	^
AddressDto	
CreateUserDto	
UpdateProfileDto	
ObjectId	

**UpdateUserDto**

**ProductVariantDto**

**ProductDimensionsDto**

**SeoDataDto**

**CreateProductDto**

**UpdateProductDto**

**CreateCategoryDto**

**UpdateCategoryDto**

**OrderItemDto**

**OrderAddressDto**

**CreateOrderDto**

**OrderShippingUpdateDto**



**UpdateOrderDto**

**AddToCartDto**

**UpdateCartDto**

**CreatePaymentDto**

**PaymentWebhookDto**

**CreateReviewDto**

**UpdateReviewDto**

**AddToWishlistDto**

**CreateCouponDto**

**ValidateCouponDto**