



/mcaproject/eombackend/mcaproject/eombackend/

Explore

MCA Project Ecommerce Backend

1.0 OAS 3.1

/mcaproject/eombackend/mcaproject/eombackend/v3/api-docs/eombackend-project-v1.0.json

API documentation for the MCA Project Ecommerce Backend

Servers

http://localhost:8080/mcaproject/eombackend - Generated server url

Addresses

Operations related to user addresses

GET	/api/1.0/addresses/{id}	Get address by ID	
PUT	/api/1.0/addresses/{id}	Update an existing address	
DELETE	/api/1.0/addresses/{id}	Delete an address	
GET	/api/1.0/addresses	Get all addresses	
POST	/api/1.0/addresses	Create a new address	

Products

Operations related to products in the e-commerce store

GET	/api/1.0/products/{id}	Get product by ID	
PUT	/api/1.0/products/{id}	Update an existing product	
DELETE	/api/1.0/products/{id}	Delete a product by ID	

GET **/api/1.0/products** Get all products with pagination and optional filtering



POST **/api/1.0/products** Create a new product



GET **/api/1.0/products/search** Search products by name



GET **/api/1.0/products/low-stock** Get product low stock



GET **/api/1.0/products/category/{categoryName}** Get products by category



Orders

Operations related to customer orders



PUT **/api/1.0/orders/{id}/status** Update order status



POST **/api/1.0/orders/place** Place a new order



GET **/api/1.0/orders** Get all orders



GET **/api/1.0/orders/{id}** Get order by ID



GET **/api/1.0/orders/user/{userId}** Get orders by user ID



GET **/api/1.0/orders/status-count** Get order counts by status



GET **/api/1.0/orders/dashboard/metrics** Get orders dashboard metrics



Categories

Operations related to product categories



GET **/api/1.0/categories/{id}** Get category by ID



PUT **/api/1.0/categories/{id}** Update an existing category



DELETE **/api/1.0/categories/{id}** Delete a category



GET **/api/1.0/categories** Get all categories



POST **/api/1.0/categories** Create a new category



Carts

Operations related to user shopping carts



PUT **/api/1.0/carts/update-quantity** Update product quantity in cart



POST **/api/1.0/carts/add** Add product to cart



GET **/api/1.0/carts/user/{userId}** Get user's cart



DELETE **/api/1.0/carts/remove** Remove product from cart



DELETE **/api/1.0/carts/clear/{userId}** Clear user's cart



Users

Operations related to user accounts



GET **/api/1.0/users/{id}** Get user by ID



PUT **/api/1.0/users/{id}** Update an existing user



DELETE **/api/1.0/users/{id}** Delete a user



POST **/api/1.0/users/register** Register a new user



GET **/api/1.0/users** Get all users



GET **/api/1.0/users/username/{username}** Get user by username



User Interactions

Logging and retrieving user interactions with products for recommendation engine



POST **/api/1.0/interactions/log** Log a user interaction



GET **/api/1.0/interactions/user/{userId}** Get all interactions for a user



GET

/api/1.0/interactions/user/{userId}/type/{interactionType}

Get interactions of a specific type for a user

▼

Authentication

User authentication and JWT Token management

^

POST

/api/1.0/auth/login

Authenticate user and get JWT token

▼

Recommendations

Operations related to product recommendations in the e-commerce store

^

GET

/api/1.0/recommendations/{userId}

Get recommendations for a user

▼

Schemas

^

Address > Expand all object

UserUpdateRequest > Expand all object

Cart > Expand all object

CartItem > Expand all object

Category > Expand all object

Product > Expand all object

User > Expand all object

Order > Expand all object

OrderItem > Expand all object

UserRegistrationRequest > Expand all **object**

UserInteraction > Expand all **object**

Pageable > Expand all **object**

Page > Expand all **object**

PageableObject > Expand all **object**

SortObject > Expand all **object**

PageOrder > Expand all **object**

OrderStatsResponse > Expand all **object**