

http://127.0.0.1:8000/docs?api-docs.json

**Explore** 

# **Laravel Ecommerce API Documentation**

1.0.0 OAS 3.0

http://127.0.0.1:8000/docs?api-docs.json

RESTful API documentation for Ecommerce project

**Contact Developer** 

**MIT License** 

#### Servers

http://127.0.0.1:8000/api/ - Local API Server

Authorize **É** 



Filter by tag

# Categories API endpoints for managing categories

Parameters

Cancel

Name Description

page Page number integer (query)

2

Execute Clear

## Responses

#### Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/categories?page=2' \
  -H 'accept: application/json' \
  -H 'X-CSRF-TOKEN: '
```

### Request URL

http://127.0.0.1:8000/api/categories?page=2

#### Server response

#### Code Details

200

## Response body

```
"current_page": 2,
"data": [
   "id": 12,
   "name": "Electronics",
   "slug": "electronics",
   "created_at": "2025-03-07T12:46:16.000000Z",
   "updated_at": "2025-03-07T12:46:16.000000Z"
"first_page_url": "http://127.0.0.1:8000/api/categories?page=1",
"from": 11,
"last_page": 2,
"last_page_url": "http://127.0.0.1:8000/api/categories?page=2",
"links": [
   "url": "http://127.0.0.1:8000/api/categories?page=1",
   "label": "« Previous",
   "active": false
   "url": "http://127.0.0.1:8000/api/categories?page=1",
   "label": "1"
   "active": false
                                                                        Download
    "url": "http://127.0.0.1:8000/api/categories?page=2",
```

#### Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:47:03 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 59
```

# Responses

Code Description Links 200 Successful operation No links Media type application/json Controls Accept header. Example Value Schema "id": 1, "name": "Electronics", "slug": "All kinds of electronic items", ] **POST** /categories Create a new category Cancel Reset **Parameters** No parameters Request body required application/json "name": "Electronics", "slug": "All kinds of electronic items", "created\_at": "2024-03-07T12:00:00Z", "updated\_at": "2024-03-07T12:00:00Z" Clear **Execute** 

```
Responses
```

21:00 7/3/25

```
Curl
curl -X 'POST' \
  'http://127.0.0.1:8000/api/categories' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -H 'X-CSRF-TOKEN: ' \
  -d '{
  "name": "Electronics",
  "slug": "All kinds of electronic items",
  "created_at": "2024-03-07T12:00:00Z",
  "updated_at": "2024-03-07T12:00:00Z"
Request URL
 http://127.0.0.1:8000/api/categories
Server response
Code
            Details
201
             Response body
               "message": "Thêm loại sản phẩm thành công",
               "category": {
                 "name": "Electronics",
                 "slug": "electronics",
                 "updated_at": "2025-03-07T12:46:16.000000Z",
                 "created at": "2025-03-07T12:46:16.000000Z",
                 "id": 12
                                                                                        Download
             }
            Response headers
               access-control-allow-origin: http://localhost:5173
               cache-control: no-cache, private
               connection: close
               content-type: application/json
               date: Fri,07 Mar 2025 12:46:16 GMT
               host: 127.0.0.1:8000
               x-powered-by: PHP/8.2.12
               x-ratelimit-limit: 60
               x-ratelimit-remaining: 56
Responses
Code
            Description
                                                                                             Links
201
             Category created successfully
                                                                                             No links
  GET
           /categories/search Search categories by name
Parameters
                                                                                          Cancel
```

Name Description

q \* required Search query
string (query)

Laptop

Execute Clear

# Responses

#### Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/categories/search?q=Laptop' \
  -H 'accept: */*' \
  -H 'X-CSRF-TOKEN: '
```

#### Request URL

http://127.0.0.1:8000/api/categories/search?q=Laptop

# Server response

#### Code Details

200

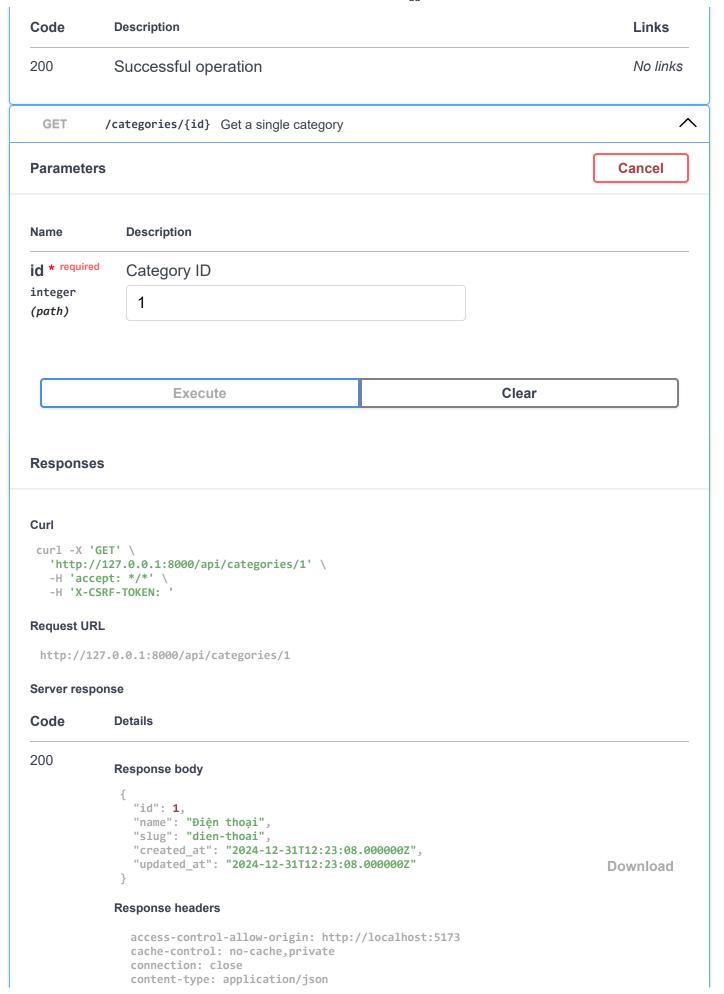
## Response body

**Download** 

# Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:46:00 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 57
```

# Responses



```
Code
             Details
               date: Fri,07 Mar 2025 12:46:35 GMT
               host: 127.0.0.1:8000
               x-powered-by: PHP/8.2.12
               x-ratelimit-limit: 60
               x-ratelimit-remaining: 54
Responses
                                                                                            Links
Code
             Description
200
                                                                                            No links
             Successful operation
             Category not found
                                                                                            No links
404
  PUT
           /categories/{id} Update an existing category
Parameters
                                                                    Cancel
                                                                                         Reset
Name
              Description
id * required
              Category ID
integer
                12
(path)
Request body required
                                                                           application/json
   "name": "Electronics gia dung",
   "slug": "All kinds of electronic items",
   "created_at": "2024-03-07T12:00:00Z",
   "updated_at": "2024-03-07T12:00:00Z"
```

Execute Clear

# Responses

#### Curl

```
curl -X 'PUT' \
  'http://127.0.0.1:8000/api/categories/12' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -H 'X-CSRF-TOKEN: ' \
  -d '{
    "name": "Electronics gia dung",
    "slug": "All kinds of electronic items",
    "created_at": "2024-03-07T12:00:00Z",
    "updated_at": "2024-03-07T12:00:00Z"
}'
```

# Request URL

http://127.0.0.1:8000/api/categories/12

## Server response

#### Code

**Details** 

200

#### Response body

```
{
   "message": "Cập nhật loại sản phẩm thành công",
   "catergory": {
       "id": 12,
       "name": "Electronics gia dụng",
       "slug": "electronics-gia-dung",
       "created_at": "2025-03-07T12:46:16.000000Z",
       "updated_at": "2025-03-07T12:47:29.000000Z"
   }
}
```

Download

#### Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:47:29 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 58
```

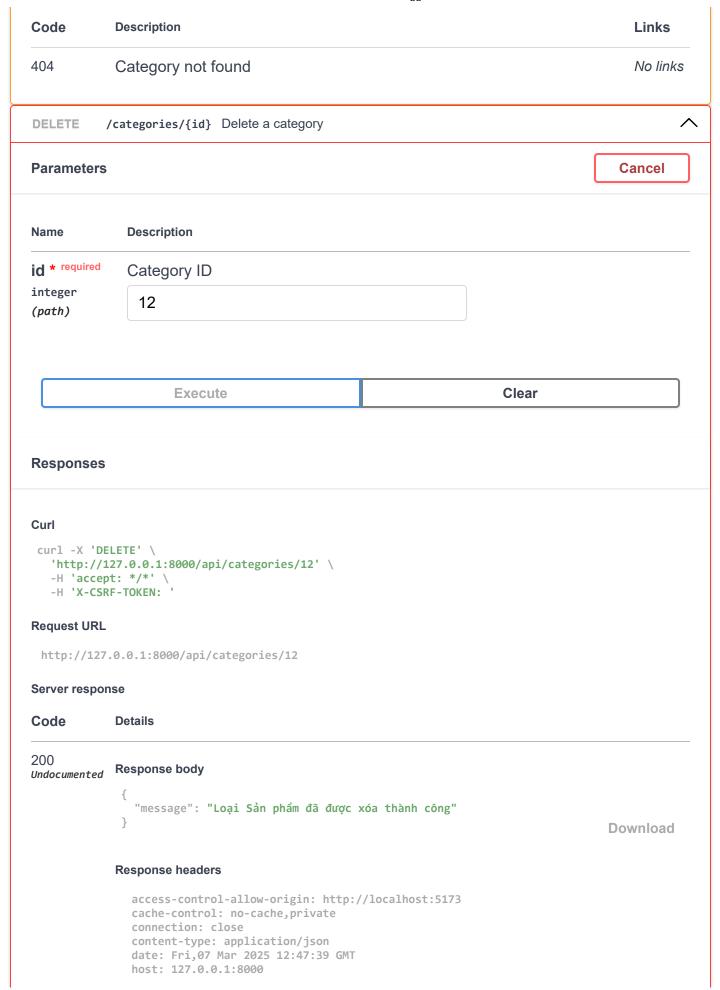
# Responses

Code Description

Links

200 Category updated successfully

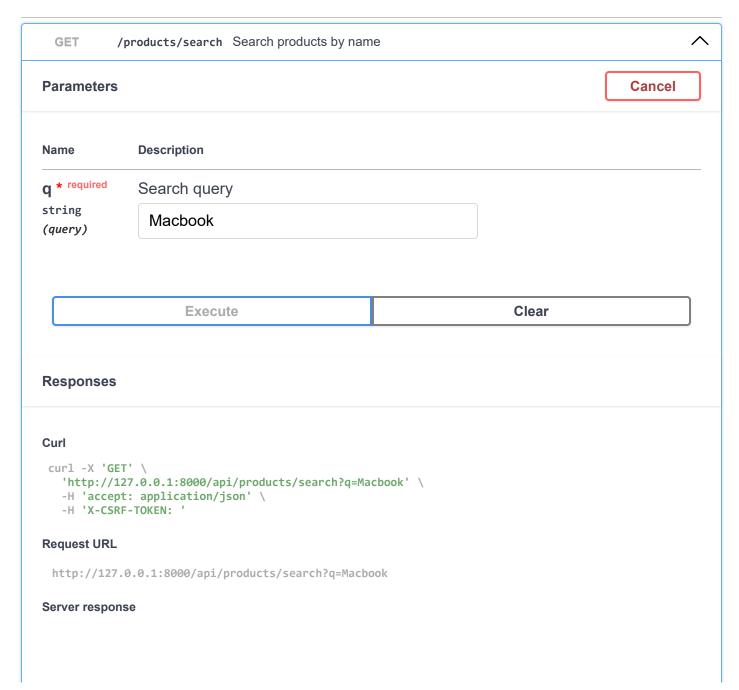
No links



Code	Details	
	<pre>x-powered-by: PHP/8.2.12 x-ratelimit-limit: 60 x-ratelimit-remaining: 57</pre>	
Responses	S	
Code	Description	Links
204	Category deleted successfully	No links

# **Products** API Endpoints for Products





Code Details

200

# Response body

```
"products": [
     "id": 3,
      "name": "MacBook Pro 14-inch M2",
      "slug": "macbook-pro-14-m2",
      "price": "55000000.00",
      "description": "MacBook Pro M2 với màn hình Retina, hiệu năng vượt trội.",
      "image": "https://bizweb.dktcdn.net/thumb/1024x1024/100/318/659/products/ezgi
f-com-gif-maker.jpg?v=1675834782190",
      "category_id": 2,
      "created_at": "2024-12-31T12:23:08.000000Z",
      "updated at": "2025-01-03T12:44:15.000000Z",
     "deleted_at": null,
     "is_featured": 0,
      "is_new": 1
     "id": 33,
      "name": "MacBook Pro Máy tính bảng 4",
      "slug": "macbook-pro-máy-tính-bảng-4",
      "price": "75868321.35",
      "description": "Mô tả cho MacBook Pro Máy tính bảng 4 thuộc danh mục Máy tính
bảng.",
      "image": "macbook-pro-máy-tính-bảng-4.jpg",
      "category_id": 3,
                                                                           Download
      "created_at": "2025-01-03T16:54:26.000000Z",
      "updated at": "2025-01-03T16:54:26.000000Z",
```

# Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:48:25 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 59
```

#### Responses

Code

Description

Links

200 Successful search operation

No links

Media type

# application/json

Controls Accept header.

#### Example Value Schema

```
Code
             Description
                                                                                             Links
                    "category_id": 1,
                    "slug": "iphone-15",
                   "description": "The latest iPhone with advanced features",
                   "created_at": "2023-01-01T00:00:00.0000000Z",
                   "updated_at": "2023-01-01T00:00:00.0000000Z"
             }
400
             Bad request - missing search query
                                                                                             No links
             Media type
              application/json
             Example Value Schema
                "products": [
                 "string"
               ],
"message": "Vui lòng nhập từ khóa tìm kiếm"
  GET
           /products Get list of products with pagination
Parameters
                                                                                           Cancel
Name
              Description
              Page number
page
integer
                1
(query)
                                                                         Clear
                      Execute
Responses
Curl
curl -X 'GET' \
  'http://127.0.0.1:8000/api/products?page=1' \
   -H 'accept: application/json' \
  -H 'X-CSRF-TOKEN: '
Request URL
 http://127.0.0.1:8000/api/products?page=1
```

Server response

## Code Details

200

# Response body

```
"current_page": 1,
  "data": [
      "id": 1,
      "name": "iPhone 15 Pro Max",
      "slug": "iphone-15-pro-max",
      "price": "25000000.00",
      "description": "iPhone 15 Pro Max với thiết kế hiện đại, chip A17 Bionic, cam
era ấn tượng.",
      "image": "https://cdn2.cellphones.com.vn/x/media/catalog/product/i/p/iphone-1
5-pro-max_3.png",
      "category_id": 1,
      "created_at": "2024-12-31T12:23:08.000000Z",
      "updated_at": "2025-02-24T13:38:00.000000Z",
      "deleted_at": null,
      "is_featured": 1,
      "is_new": 0
      "id": 2,
"name": "Samsung Galaxy S23 Ultra",
      "slug": "samsung-galaxy-s23-ultra",
      "price": "36500000.00",
      "description": "Galaxy S23 Ultra với màn hình AMOLED, bút S Pen và camera 200
MP.",
      "image": "https://samcenter.vn/images/thumbs/0003280_galaxy-s
                                                                         1t Download
50.jpeg",
```

#### Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:48:33 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 58
```

# Responses

Code Description Links

200 Successful operation

No links

Media type

#### application/json

Controls Accept header.

# Example Value Schema

```
{
   "current_page": 1,
   "data": [
        {
            "id": 1,
        }
}
```

```
Code
             Description
                                                                                            Links
                    "name": "iPhone 15",
                    "price": 999.99,
                   "image": "iphone15.jpg",
                   "category_id": 1,
                   "slug": "iphone-15",
                   "description": "The latest iPhone with advanced features",
                   "created_at": "2023-01-01T00:00:00.0000000Z",
                   "updated_at": "2023-01-01T00:00:00.0000000Z"
                 }
               "from": 1,
               "last_page": 1,
               "per_page": 10,
               "to": 10,
               "total": 10
 POST
           /products Create a new product
Parameters
                                                                     Cancel
                                                                                          Reset
No parameters
Request body required
                                                                           application/json
   "name": "Product Sony",
   "price": 2000000,
   "image": "image_url.jpg",
   "category_id": 1,
   "slug": "product-name",
   "description": "Product description"
                      Execute
                                                                        Clear
Responses
```

```
Curl
```

```
curl -X 'POST' \
   'http://127.0.0.1:8000/api/products' \
   -H 'accept: application/json' \
   -H 'Content-Type: application/json' \
   -H 'X-CSRF-TOKEN: ' \
   -d '{
    "name": "Product Sony",
    "price": 2000000,
    "image": "image_url.jpg",
    "category_id": 1,
    "slug": "product-name",
    "description": "Product description"
}'
```

#### Request URL

http://127.0.0.1:8000/api/products

#### Server response

#### Code

**Details** 

201

# Response body

```
{
  "message": "Thêm sản phẩm thành công",
  "product": {
     "image": "image_url.jpg",
     "name": "Product Sony",
     "price": 2000000,
     "category_id": 1,
     "description": "Product description",
     "slug": "product-sony",
     "updated_at": "2025-03-07T12:48:56.0000002",
     "created_at": "2025-03-07T12:48:56.0000002",
     "id": 80
  }
}
```

Download

### Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:48:56 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 57
```

## Responses

Code Description

Links

201 Product created successfully

No links

Media type

application/json

Controls Accept header.

```
Code
             Description
                                                                                             Links
             Example Value Schema
                "message": "Thêm sản phẩm thành công",
                "product": {
                  "id": 1,
                  "name": "iPhone 15",
                  "price": 999.99,
                  "image": "iphone15.jpg",
                  "category_id": 1,
                  "slug": "iphone-15",
                  "description": "The latest iPhone with advanced features",
                  "created_at": "2023-01-01T00:00:00.0000000Z",
                  "updated_at": "2023-01-01T00:00:00.000000Z"
             }
422
             Validation error
                                                                                             No links
             Media type
              application/json
             Example Value Schema
                "message": "The given data was invalid.",
                "errors": {}
           /products/{id} Get a specific product by ID
  GET
                                                                                           Cancel
Parameters
              Description
Name
id * required
              Product ID
integer
                80
(path)
                                                                         Clear
                      Execute
Responses
Curl
```

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/products/80' \
  -H 'accept: application/json' \
  -H 'X-CSRF-TOKEN: '
```

#### Request URL

http://127.0.0.1:8000/api/products/80

#### Server response

#### Code Details

200

# Response body

```
{
    "id": 80,
    "name": "Product Sony",
    "slug": "product-sony",
    "price": "2000000.00",
    "description": "Product description",
    "image": "image_url.jpg",
    "category_id": 1,
    "created_at": "2025-03-07T12:48:56.0000002",
    "updated_at": "2025-03-07T12:48:56.0000002",
    "deleted_at": null,
    "is_featured": 0,
    "is_new": 0
}
```

Download

## Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:49:12 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 56
```

### Responses

### Code Description

Links

# 200 Successful operation

No links

Media type

### application/json

Controls Accept header.

# Example Value Schema

```
{
  "id": 1,
  "name": "iPhone 15",
  "price": 999.99,
  "image": "iphone15.jpg",
  "category_id": 1,
  "slug": "iphone-15",
  "description": "The latest iPhone with advanced features",
  "created_at": "2023-01-01T00:00:00.000000Z",
```

```
Code
             Description
                                                                                                Links
                "updated_at": "2023-01-01T00:00:00.000000Z"
404
             Product not found
                                                                                                No links
             Media type
               application/json
             Example Value Schema
                "message": "Product not found"
  PUT
            /products/{id} Update an existing product
Parameters
                                                                        Cancel
                                                                                             Reset
Name
               Description
id * required
               Product ID
integer
                 80
(path)
Request body required
                                                                              application/json
   "name": "Updated product Sonny",
   "price": 2500000,
"image": "updated_image_url.jpg",
   "category_id": 1,
   "slug": "updated-product-name",
   "description": "Updated product description"
```

Execute Clear

# Responses

#### Curl

```
curl -X 'PUT' \
   'http://127.0.0.1:8000/api/products/80' \
   -H 'accept: application/json' \
   -H 'Content-Type: application/json' \
   -H 'X-CSRF-TOKEN: ' \
   -d '{
    "name": "Updated product Sonny",
    "price": 2500000,
    "image": "updated_image_url.jpg",
    "category_id": 1,
    "slug": "updated-product-name",
    "description": "Updated product description"
}'
```

#### **Request URL**

http://127.0.0.1:8000/api/products/80

#### Server response

#### Code

**Details** 

200

# Response body

```
{
  "message": "Cập nhật sản phẩm thành công",
  "product": {
     "id": 80,
     "name": "Updated product Sonny",
     "slug": "updated-product-sonny",
     "price": 2500000,
     "description": "Updated product description",
     "image": "updated_image_url.jpg",
     "category_id": 1,
     "created_at": "2025-03-07T12:48:56.0000002",
     "updated_at": "2025-03-07T12:49:36.0000002",
     "deleted_at": null,
     "is_featured": 0,
     "is_new": 0
}
```

Download

#### Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:49:36 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 59
```

Responses Code **Description** Links 200 No links Product updated successfully Media type application/json Controls Accept header. Example Value Schema "message": "Cập nhật sản phẩm thành công", "product": { "id": 1, "name": "iPhone 15", "price": 999.99, "image": "iphone15.jpg", "category\_id": 1, "slug": "iphone-15", "description": "The latest iPhone with advanced features", "created\_at": "2023-01-01T00:00:00.0000000Z", "updated\_at": "2023-01-01T00:00:00.000000Z" } } Product not found 404 No links Media type application/json Example Value Schema "message": "Sản phẩm không tồn tại" 422 Validation error No links Media type application/json Example Value Schema "message": "The given data was invalid.", "errors": {} **DELETE** /products/{id} Delete a product Cancel **Parameters** 

Name	Description		
id * required	Product ID		
integer (path)	80		
., .			
	Execute	Clear	

# Responses

#### Curl

```
curl -X 'DELETE' \
  'http://127.0.0.1:8000/api/products/80' \
  -H 'accept: application/json' \
  -H 'X-CSRF-TOKEN: '
```

#### Request URL

http://127.0.0.1:8000/api/products/80

## Server response

# Code Details

200

# Response body

```
{
  "message": "Sản phẩm đã được xóa thành công"
}
```

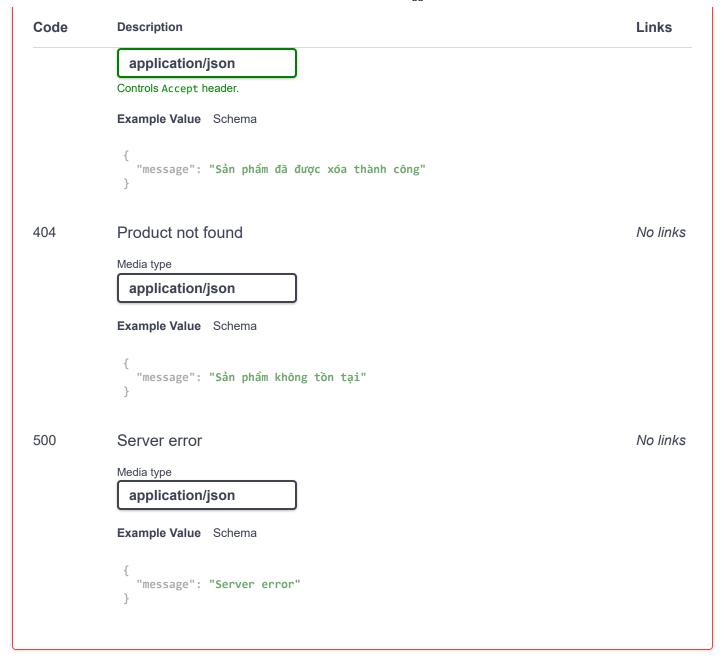
Download

# Response headers

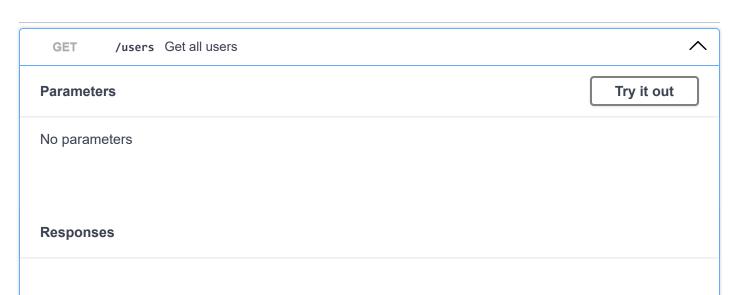
```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:49:47 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 58
```

## Responses

Code	Description	Links
200	Product deleted successfully	No links
	Media type	



# **Users** API Endpoints for User Management



Code **Description** Links 200 Successful operation No links Media type application/json Controls Accept header. Example Value Schema "message": "Lấy users thành công", "users": [ "id": 1,
"name": "John Doe", "email": "john.doe@example.com",
"avatar": "/storage/avatars/user123.jpg", "email\_verified\_at": "2025-03-07T14:00:21.002Z", "created\_at": "2025-03-07T14:00:21.002Z", "updated\_at": "2025-03-07T14:00:21.002Z" } **GET** /users/{id} Get a specific user by ID

**Parameters** 

(path)

Cancel

Name Description

id \* required User ID

integer 14

Execute Clear

## Responses

# Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/users/14' \
  -H 'accept: application/json' \
  -H 'X-CSRF-TOKEN: '
```

#### **Request URL**

http://127.0.0.1:8000/api/users/14

# Server response

## Code Details

200

## Response body

```
{
   "message": "Lay thanh cong user",
   "user": {
      "id": 14,
      "name": "user2",
      "email": "user2@gmail.com",
      "email_verified_at": null,
      "created_at": "2025-01-06T14:49:09.0000002",
      "updated_at": "2025-01-07T13:19:11.0000002",
      "avatar": null,
      "username": null,
      "deleted_at": null,
      "role_id": 2,
      "phone": "1900 1234",
      "address": "123 Quận ABC, TP.HCM"
   }
}
```

Download

#### Response headers

```
access-control-allow-origin: http://localhost:5173
cache-control: no-cache,private
connection: close
content-type: application/json
date: Fri,07 Mar 2025 12:50:26 GMT
host: 127.0.0.1:8000
x-powered-by: PHP/8.2.12
x-ratelimit-limit: 60
x-ratelimit-remaining: 57
```

#### Responses

# Code Description

Links

# 200 Successful operation

No links

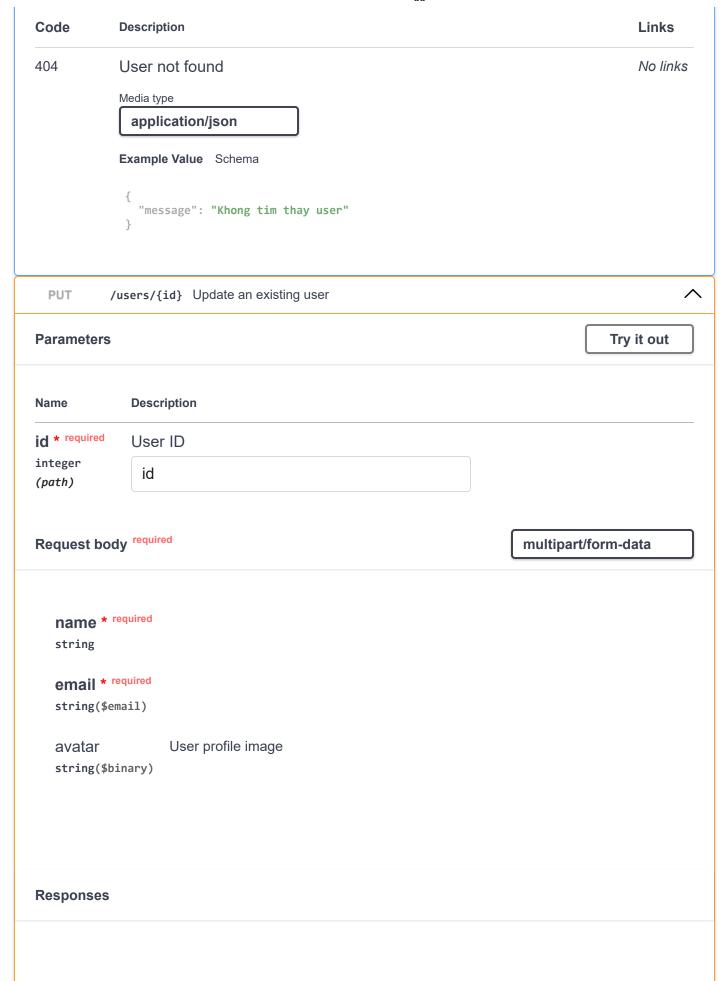
Media type

# application/json

Controls Accept header.

# Example Value Schema

```
{
   "message": "Lay thanh cong user",
   "user": {
      "id": 1,
      "name": "John Doe",
      "email": "john.doe@example.com",
      "avatar": "/storage/avatars/user123.jpg",
      "email_verified_at": "2025-03-07T14:00:21.004Z",
      "created_at": "2025-03-07T14:00:21.004Z",
      "updated_at": "2025-03-07T14:00:21.004Z"
}
```



Code **Description** Links 200 User updated successfully No links Media type application/json Controls Accept header. Example Value Schema "message": "User updated successfully", "user": { "id": 1,
"name": "John Doe", "email": "john.doe@example.com",
"avatar": "/storage/avatars/user123.jpg", "email\_verified\_at": "2025-03-07T14:00:21.006Z", "created\_at": "2025-03-07T14:00:21.006Z", "updated\_at": "2025-03-07T14:00:21.006Z" 404 User not found No links Media type application/json Example Value Schema "error": "User not found"

```
Schemas
```

```
Product
   id
                               integer($int64)
                           example: 1
                           Product ID
   name*
                               string
                           example: iPhone 15
                           Product name
   price*
                               number($float)
                           example: 999.99
                           Product price
   image
                               string
                           example: iphone15.jpg
                           Product image URL
   category_id*
                               integer
                           example: 1
                           Category ID
   slug*
                               string
                           example: iphone-15
                           Product slug for SEO-friendly URLs
   description
                               string
                           example: The latest iPhone with advanced features
                           Product description
   created_at
                               string($date-time)
                           example: 2023-01-01T00:00:00.000000Z
                           Creation timestamp
   updated_at
                               string($date-time)
                           example: 2023-01-01T00:00:00.000000Z
                           Last update timestamp
}
```

```
User
   id
                               integer($int64)
                           example: 1
   name*
                               string
                           example: John Doe
   email*
                               string($email)
                           example: john.doe@example.com
   avatar
                               string
                           example: /storage/avatars/user123.jpg
   email_verified_at
                               string($date-time)
                           nullable: true
   created_at
                               string($date-time)
   updated_at
                               string($date-time)
}
Category
   description:
                           Category model
   id
                               integer
                           example: 1
                           ID of the category
   name
                               string
                           example: Electronics
                           Category name
   slug
                               string
                           example: All kinds of electronic items
                           Category description
   created_at
                               string($date-time)
                           example: 2024-03-07T12:00:00Z
                           Creation timestamp
   updated_at
                               string($date-time)
                           example: 2024-03-07T12:00:00Z
                           Last update timestamp
}
```