

1 - GET/ <https://modashopbackend-production.up.railway.app/products/>

Lists all the products in the database

API Response

```
[  
  {  
    "id": 1,  
    "images": [  
      {  
        "id": 1,  
        "image": "http://modashopbackend-production.up.railway.app/media/products/images.jpg"  
      }  
    ],  
    "final_price": 3000.0,  
    "name": "White Tote Bag",  
    "price": "3000.00",  
    "discount": 0,  
    "stock": 8,  
    "description": "White Zara Tote Bag",  
    "category": 1,  
    "brand": 1  
  },  
  {  
    "id": 2,  
    "images": [  
      {  
        "id": 2,  
        "image": "http://modashopbackend-production.up.railway.app/media/products/black_dragon_bag.jpg"  
      }  
    ],  
    "final_price": 4000.0,  
    "name": "Black Dragon Bag",  
    "price": "4000.00",  
    "discount": 0,  
    "stock": 6,  
    "description": "Black Dragon Bag",  
    "category": 1,  
    "brand": 1  
  }]
```

2 - GET/ https://modashopbackend-production.up.railway.app/products/<product_id>

Gets one product using its ID

API Response

```
HTTP 200 OK  
Allow: GET, HEAD, OPTIONS  
Content-Type: application/json  
Vary: Accept  
  
{  
  "id": 2,  
  "images": [  
    {  
      "id": 2,  
      "image": "http://modashopbackend-production.up.railway.app/media/products/black_dragon_bag.jpg"  
    }  
  ],  
  "final_price": 4000.0,  
  "name": "Black Dragon Bag",  
  "price": "4000.00",  
  "discount": 0,  
  "stock": 6,  
  "description": "Black Dragon Bag",  
  "category": 1,  
  "brand": 1  
}
```

3 - GET/ https://modashopbackend-production.up.railway.app/api/cart/

Gets User Cart (Uses Authorization token to get the cart otherwise throws 401 Unauthorized)

API Response

Authorized:

The screenshot shows a Postman collection named "My Collection" with a single request titled "Get data". The request method is "GET" and the URL is "https://modashopbackend-production.up.railway.app/api/cart/". The "Headers" tab is selected, showing an "Authorization" header with the value "Token af5ec2fc935cf2bcf5a58b...". The response status is "200 OK" with a duration of "1.61 s" and a size of "499 B". The response body is displayed as JSON, showing a cart object with fields: id (14), user (7), is_active (true), created_at ("2026-02-09T19:54:41.252306Z"), items (empty array), and total_price (0).

```
1 {  
2   "id": 14,  
3   "user": 7,  
4   "is_active": true,  
5   "created_at": "2026-02-09T19:54:41.252306Z",  
6   "items": [],  
7   "total_price": 0  
8 }
```

Unauthorized:

The screenshot shows a Postman request to the endpoint "/api/cart/" with a "GET" method. The response status is "HTTP 401 Unauthorized" with a "Content-Type" of "application/json". The response body is a JSON object with a single key "detail" containing the value "Authentication credentials were not provided."

```
{  
  "detail": "Authentication credentials were not provided."  
}
```

NOTE: ALL THE CART APIs, USER MUST BE AUTHENTICATED

4 - POST/ https://modashopbackend-production.up.railway.app/api/cart/add_item/

Adds items to user cart (item details must be posted in the same notation as the JSON appears)

API Response and Body in request

The screenshot shows a POST request to the URL https://modashopbackend-production.up.railway.app/api/cart/add_item/. The request body is a JSON object:

```
1 {  
2   "product": 2,  
3   "quantity": 1  
4 }
```

The response status is 200 OK, with a response time of 2.61 s and a response size of 611 B. The response body is:

```
1 {  
2   "id": 14,  
3   "user": 7,  
4   "is_active": true,  
5   "created_at": "2026-02-09T19:54:41.252306Z",  
6   "items": [  
7     {  
8       "id": 15,  
9       "product": 2,  
10      "quantity": 1  
11    }  
12  ]  
13 }
```

5 – POST/ https://modashopbackend-production.up.railway.app/api/cart/remove_item/

Removes items from user cart (item details must be posted in the same notation as the JSON appears)

API Response

The screenshot shows a Postman collection named "My Collection" with a "Get data" folder. A POST request is made to https://modashopbackend-production.up.railway.app/api/cart/remove_item/. The request body contains the following JSON:

```
1 {  
2   |   "product": 2  
3 }
```

The response status is 200 OK, with a response time of 2.26 s and a response size of 494 B. The response body is:

```
1 {  
2   |   "id": 14,  
3   |   "user": 7,  
4   |   "is_active": true,  
5   |   "created_at": "2026-02-09T19:54:41.252306Z",  
6   |   "items": [],  
7   |   "total_price": 0  
8 }
```

6 – POST/ https://modashopbackend-production.up.railway.app/api/cart/update_quantity/

Updates items quantity (item details must be posted in the same notation as the JSON appears, Items must be available in the cart)

API Response

The screenshot shows a Postman collection named "My Collection" with a "Get data" folder. A POST request is made to https://modashopbackend-production.up.railway.app/api/cart/update_quantity/. The request body contains the following JSON:

```
1 {  
2   |   "product": 2,  
3   |   "quantity": 3  
4 }
```

The response status is 200 OK, with a response time of 1.89 s and a response size of 613 B. The response body is:

```
1 {  
2   |   "user": 7,  
3   |   "is_active": true,  
4   |   "created_at": "2026-02-09T19:54:41.252306Z",  
5   |   "items": [  
6     |     {  
7       |       "id": 16,  
8       |       "product": 2,  
9       |       "product_name": "Black Dragon Bag",  
10      |       "product_price": 4000.0,  
11    }
```

7 – POST/ <https://modashopbackend-production.up.railway.app/api/cart/checkout/>

Checks out the cart and order status are placed to be pending in the database (item details must be posted in the same notation as the JSON appears, Items must be available in the cart)

Edit: Now must send the payment method with the body* (cod or online)

*This API Might throw a connection error due to Railway free hosting restrictions

The screenshot shows the Railway API testing interface. A POST request is being made to <https://modashopbackend-production.up.railway.app/api/cart/checkout/>. The request body is set to raw JSON:

```
1 {  
2     "address": "shona",  
3     "phone": "+201559126387",  
4     "payment_method": "cod"  
5 }
```

The response status is 201 Created, with a response time of 23.04 s and a size of 481 B. The response body is:

```
1 {  
2     "order_id": 14,  
3     "message": "Order placed successfully (Cash on Delivery).",  
4     "status": "cod"  
5 }
```

8 - POST/

https://modashopbackend-production.up.railway.app/api/payments/pay/<order_id>

User Must be redirected to the link in the response of the API to begin the payment process

The screenshot shows the Railway API interface. A POST request is made to <https://modashopbackend-production.up.railway.app/api/payments/pay/13/>. The response is a 200 OK status with a JSON body containing a payment URL.

```
1 {"payment_url": "https://accept.paymob.com/api/acceptance/lifetimes/1001817?"}
```

9 - POST/

https://modashopbackend-production.up.railway.app/orders/update_order

Data must be send as follows:

The screenshot shows the Railway API interface. A POST request is made to https://modashopbackend-production.up.railway.app/orders/update_order. The request body is a JSON object with an id, phone, address, and items array. The response is a 200 OK status with a JSON body containing an order ID, message, total price, phone, and address.

```
1 {"id": 7,
2  "phone": "+01012345678",
3  "address": "Alex, Smouha, Egypt",
4  "items": [
5    {
6      "product_id": 1,
7      "quantity": 2
8    }
9 ]}
```

```
1 {"order_id": 7,
2  "message": "Order updated successfully",
3  "total_price": 6000.0,
4  "phone": "+01012345678",
5  "address": "Alex, Smouha, Egypt"
7 }
```

10 – GET / <https://modashopbackend-production.up.railway.app/me/>

Retrieves user name and email address and previous orders (requires Authentication)

The screenshot shows the Railway API tool interface. At the top, it says "My Collection / Get data". Below that, a "GET" method is selected, and the URL is "https://modashopbackend-production.up.railway.app/me/". The "Body" tab is active, showing "raw" selected. The response body is displayed as JSON:

```
1 {  
2   "username": "ahmed_mohamed",  
3   "email": "ahmedmohameda2878@gmail.com",  
4   "orders": [  
5     {  
6       "id": 1,  
7       "status": "shipped",  
8       "total": 3000.0,  
9       "created": "2026-02-07T18:17:07.854932Z"  
}]
```

The status bar at the bottom indicates "200 OK" with a response time of "1.23 s" and a size of "1.36 KB".

11 – POST/ <https://modashopbackend-production.up.railway.app/api/auth/register/>

Register a new user and must send data as follows:

*Might return an error with a code 500 because of Railway free restrictions

The screenshot shows the Railway API tool interface. At the top, it says "My Collection / Get data". Below that, a "POST" method is selected, and the URL is "https://modashopbackend-production.up.railway.app/api/auth/register/". The "Body" tab is active, showing "raw" selected. The request body is displayed as JSON:

```
1 {  
2   "username": "ZiadNader",  
3   "email": "ZiadNader@gmail.com",  
4   "password1": "Ziad@2005",  
5   "password2": "Ziad@2005"  
6 }
```

12 – POST/ <https://modashopbackend-production.up.railway.app/api/auth/login/>

Logs in an existing user with verified Email

Returns an Authentication Token.

The screenshot shows a Postman collection named "My Collection" with a "Get data" endpoint. A POST request is made to <https://modashopbackend-production.up.railway.app/api/auth/login/>. The request body contains the following JSON:

```
1 {  
2   "username": "ahmed_mohamed",  
3   "email": "ahmedmohamed2878@gmail.com",  
4   "password": "ahmed@2005"  
5 }
```

The response status is 200 OK, with a duration of 2.31 s, a size of 725 B, and a save response button.

13 – POST/ <https://modashopbackend-production.up.railway.app/api/auth/logout/>

Logs out an existing user and requires the Authentication Token to be sent

The screenshot shows a Postman collection named "My Collection" with a "Get data" endpoint. A POST request is made to <https://modashopbackend-production.up.railway.app/api/auth/logout/>. The request body contains the following JSON:

```
1 {  
2   "key": "af5ec2fc935cf2bcf5a58bb8fc2e444b9c3d3f66"  
3 }
```

The response status is 200 OK, with a duration of 1.63 s, a size of 542 B, and a save response button.