



The Crawler

API documentation for the project

User

API requests for interaction with users

GET get user

http://localhost:8080/api/user/2

Example Request

get user

```
curl --location --request GET 'http://localhost:8080/api/user/2'
```

GET get users

http://localhost:8080/api/user/

Example Request

get users

```
curl --location --request GET 'http://localhost:8080/api/user/'
```



http://localhost:8080/api/user/2

BODY raw

```
{
  "full_name": "Vladislav",
  "country": "Belarus",
  "city": "Minsk",
  "street": "Gagarina",
  "phone": "+375291328322"
}
```

Example Request

add user details

```
curl --location --request PUT 'http://localhost:8080/api/user/2' \
--data-raw '{
  "full_name": "Vladislav",
  "country": "Belarus",
  "city": "Minsk",
  "street": "Gagarina",
  "phone": "+375291328322"
}'
```

POST sign in

http://localhost:8080/api/auth/signin

BODY raw

```
{
  "username": "admin",
  "password": "12345678"
}
```

Example Request

sign in

```
curl --location --request POST 'http://localhost:8080/api/auth/signin' \
```



```
"password": "12345678"
}'
```

POST sign up

```
http://localhost:8080/api/auth/signup
```

BODY raw

```
{
  "username": "admin",
  "password": "12345678",
  "role": ["admin"]
}
```

Example Request

sign up

```
curl --location --request POST 'http://localhost:8080/api/auth/signup' \
--data-raw '{
  "username": "admin",
  "password": "12345678",
  "role": ["admin"]
}'
```

Product

API requests for interaction with products

GET get product

```
http://localhost:8080/api/product/29
```



```
curl --location --request GET 'http://localhost:8080/api/product/29'
```

GET get products

```
http://localhost:8080/api/product/
```

Example Request

get products

```
curl --location --request GET 'http://localhost:8080/api/product/'
```

GET search products

```
http://localhost:8080/api/product/search/legion
```

Example Request

search products

```
curl --location --request GET 'http://localhost:8080/api/product/search/legion'
```

POST add product

```
http://localhost:8080/api/product
```

BODY raw

```
{
  "name": "LEGION Y540",
  "title": "Perfect gaming laptop",
  "description": "Gaming Laptop, 9th Gen i7-9750H Hexa-Core, 16GB RAM 512GB SSD+1TB HDD, NVIDIA GeForce RTX 2060",
  "price": 1300
```

```
},  
"type": {
```

[View More](#)

Example Request

add product

```
curl --location --request POST 'http://localhost:8080/api/product' \  
--data-raw '{  
  "name": "LEGION Y540",  
  "title": "Perfect gaming laptop",  
  "description": "Gaming Laptop, 9th Gen i7-9750H Hexa-Core, 16GB RAM 512GB SSD+1TB HDD, NVIDIA GeForce  
  "price": 1300,  
  "brand": {  
    "name": "Lenovo"  
  },  
  "type": {
```

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DEL delete product

```
http://localhost:8080/api/product/id
```

Example Request

delete product

```
curl --location --request DELETE 'http://localhost:8080/api/product/id'
```

PUT update product

```
http://localhost:8080/api/product/29
```

BODY raw

```
{  
  "name": "LEGION Y530",  
  "price": 1310.0,  
  "img": "link",  
  "brand": {  
    "name": "Lenovo"
```



```
"type": {  
  "id": 21
```

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Example Request

update product

```
curl --location --request PUT 'http://localhost:8080/api/product/29' \  
--data-raw '{  
  "name": "LEGION Y530",  
  "price": 1310.0,  
  "img": "link",  
  "brand": {  
    "id": 20,  
    "name": "Lenovo"  
  },  
  "type": {
```

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Order

API requests for interaction with orders

GET get order

```
http://localhost:8080/api/order/33
```

Example Request

get order

```
curl --location --request GET 'http://localhost:8080/api/order/33'
```

GET get user orders

```
http://localhost:8080/api/order?user_id=2
```



2

Example Request

get user orders

```
curl --location --request GET 'http://localhost:8080/api/order?user_id=2'
```

GET get orders

```
http://localhost:8080/api/order/
```

Example Request

get orders

```
curl --location --request GET 'http://localhost:8080/api/order/'
```

POST add order

```
http://localhost:8080/api/order
```

BODY raw

```
{
  "user": {"id": 2},
  "price": 2300.0,
  "products": [
    {
      "id": 5,
      "name": "LEGION Y520",
      "price": 1000.0,
      "title": "This thin and light laptop is easy to carry around. It is perfect for your favorite games and applications. The first comment of Windows Central about the Legion Y520's design is that it is a great value for the price.",
      "description": "The first comment of Windows Central about the Legion Y520's design is that it is a great value for the price."
    }
  ]
}
```

[View More](#)

```
curl --location --request POST 'http://localhost:8080/api/order' \  
--data-raw '{  
  "user": {"id": 2},  
  "price": 2300.0,  
  "products": [  
    {  
      "id": 5,  
      "name": "LEGION Y520",  
      "price": 1000.0,  
      "title": "This thin and light laptop is easy to carry around. It is perfect for your favor
```

[View More](#)

DEL delete order

```
http://localhost:8080/api/order/1
```

Example Request

delete order

```
curl --location --request DELETE 'http://localhost:8080/api/order/1'
```

PUT update order

```
http://localhost:8080/api/order/33
```

BODY raw

```
{  
  "user": {"id": 1},  
  "products": [  
    {"id": 19},  
    {"id": 29}  
  ]  
}
```

Example Request

update order


```
"user": {"id": 1},
"products": [
  {"id": 19},
  {"id": 29}
]
```

Brand

API requests for interaction with brands

GET get brand

```
http://localhost:8080/api/brand/1
```

Example Request

get brand

```
curl --location --request GET 'http://localhost:8080/api/brand/1'
```

GET get brands

```
http://localhost:8080/api/brand/
```

Example Request

get brands

```
curl --location --request GET 'http://localhost:8080/api/brand/'
```



http://localhost:8080/api/brand

BODY raw

```
{  
  "name": "Xiaomi"  
}
```

Example Request

add brand

```
curl --location --request POST 'http://localhost:8080/api/brand' \  
--data-raw '{  
  "name": "Xiaomi"  
}'
```

DEL delete brand

http://localhost:8080/api/brand/1

Example Request

delete brand

```
curl --location --request DELETE 'http://localhost:8080/api/brand/1'
```

PUT update brand

http://localhost:8080/api/brand/2

BODY raw

```
{  
  "name": "Samsung"  
}
```

Example Request

update brand

```
curl --location --request PUT 'http://localhost:8080/api/brand/2' \  
--data-raw '{  
  "name": "Samsung"  
'
```

Type

API requests for interaction with types

GET get type

```
http://localhost:8080/api/type/5
```

Example Request

get type

```
curl --location --request GET 'http://localhost:8080/api/type/5'
```

GET get types

```
http://localhost:8080/api/type/
```

Example Request

get types

```
curl --location --request GET 'http://localhost:8080/api/type/'
```



http://localhost:8080/api/type

BODY raw

```
{  
  "name": "laptop"  
}
```

Example Request

add type

```
curl --location --request POST 'http://localhost:8080/api/type' \  
--data-raw '{  
  "name": "laptop"  
}'
```

DEL delete type

http://localhost:8080/api/type/id

Example Request

delete type

```
curl --location --request DELETE 'http://localhost:8080/api/type/id'
```

PUT update type

http://localhost:8080/api/type

BODY raw

```
{  
  "id": 1,  
  "name": "smartphone"
```



Example Request

update type

```
curl --location --request PUT 'http://localhost:8080/api/type' \  
--data-raw '{  
  "id": 1,  
  "name": "smartphone"  
'
```

Cart

API requests for interaction with cart

GET get cart

```
http://localhost:8080/api/cart/23
```

Example Request

get cart

```
curl --location --request GET 'http://localhost:8080/api/cart/23'
```

POST add product to cart

```
http://localhost:8080/api/cart?cart_id=34&product_id=19
```

PARAMS

cart_id

34



Example Request

add product to cart

```
curl --location --request POST 'http://localhost:8080/api/cart?cart_id=34&product_id=19'
```

DEL delete product from cart

```
http://localhost:8080/api/cart/?cart_id=34&product_id=19
```

PARAMS

cart_id

34

product_id

19

Example Request

delete product from cart

```
curl --location --request DELETE 'http://localhost:8080/api/cart/?cart_id=34&product_id=19'
```

DEL clear cart

```
http://localhost:8080/api/cart/23
```

Example Request

clear cart

```
curl --location --request DELETE 'http://localhost:8080/api/cart/23'
```

Wishlist

API requests for interaction with wishlist

GET get wishlist

```
http://localhost:8080/api/wishlist/24
```

Example Request

get wishlist

```
curl --location --request GET 'http://localhost:8080/api/wishlist/24'
```

POST add product to wishlist

```
http://localhost:8080/api/wishlist?wishlist_id=24&product_id=22
```

PARAMS

wishlist_id

24

product_id

22

Example Request

add product to wishlist

```
curl --location --request POST 'http://localhost:8080/api/wishlist?wishlist_id=24&product_id=22'
```

http://localhost:8080/api/wishlist?wishlist_id=36&product_id=19

PARAMS

wishlist_id

36

product_id

19

Example Request

delete product from wishlist