

The Kart.me API uses various endpoints, which are described as below:

1. <https://kart-me-be.herokuapp.com/api/v1/user/cart/add-to-cart>

This makes a POST request to the server, and adds the products to user cart, which are selected by the user.

NOTE: The products are stored in a cartID, which is stored in the Database and also saved in the localStorage of the browser. It looks for the cartID stored in local in the Database and then adds/assigns the product to that cartID. This is how it works for both adding and removing the product from the cart.

How to Use:

```
axios.post(  
  'https://kart-me-be.herokuapp.com/api/v1/user/cart/add-to-cart',  
  {  
    image: product.image,  
    title: product.title,  
    description: product.description,  
    category: product.category,  
    price: product.price,  
    rating: product.rating.rate,  
    productId: String(product.id),  
    quantity: 1,  
    cartId: localStorage.cartId || undefined,  
  }  
)
```

Output/Result:

JSON Raw Data Headers

Save Copy Pretty Print

```
{
  "status": "Success",
  "message": "Product(s) successfully added to Cart",
  "data": {
    "_id": "61a92bae696da3db44ed01c2",
    "isPurchased": false,
    "items": [
      {
        "quantity": 1,
        "title": "WD 2TB Elements Portable External Hard Drive - USB 3.0 ",
        "price": "64",
        "description": "USB 3.0 and USB 2.0 Compatibility Fast data transfers Improve PC Performance High Capacity; Compatibility Formatted NTFS for Windows 10, Windows 8.1, Windows 7; Reformatting may be required for other operating systems; Compatibility may vary depending on user's hardware configuration and operating system",
        "image": "https://fakestoreapi.com/img/61IBBVJvSDL_AC_SY879_.jpg",
        "category": "electronics",
        "productId": "9",
        "_id": "61a943d065e63c7c75e43a62"
      }
    ]
  },
  "url": "/api/v1/user/cart/61a92bae696da3db44ed01c2"
}
```

2. <https://kart-me-be.herokuapp.com/api/v1/user/cart/remove-product>

It makes a PATCH request to the server, and removes the product from the cart by comparing the cartID saved in the Database to the one stored in the localStorage of the browser.

How to Use:

```
axios.patch(
  'https://kart-me-be.herokuapp.com/api/v1/user/cart/remove-product',
  {
    cartId: localStorage.cartId || undefined,
    productId: String(product.id),
  }
)
```

Output/Result:

Formatted JSON Data

```
{
  "status": "Success",
  "message": "Product(s) removed from to Cart",
  "data": {
    "_id": "61a92bae696da3db44ed01c2",
    "isPurchased": false,
    "items": [
    ]
  },
  "url": "/api/v1/user/cart/61a92bae696da3db44ed01c2"
}
```

3. <https://kart-me-be.herokuapp.com/api/v1/user/cart/update-user>

This endpoint makes a PATCH request to the server, and adds the user details from the form to the current active cart using cartID and adds it to the document, along with the list of added products to the cart.

This endpoint is called when the user fills in all the details and wants to checkout with its order.

How to Use:

```

axios.patch('https://kart-me-be.herokuapp.com/api/v1/user/cart/update-user', {
  address: 'user_address',
  cartId: '61a94de865e63c7c75e43a7e',
  city: 'user_city',
  country: 'user_country',
  email: 'useremail@kart.me',
  name: 'username',
  phone: '1234567890',
  state: 'user_state',
})

```

Output/Result:

JSON	Raw Data	Headers
Save	Copy	Pretty Print
<pre> { "status": "Success", "message": "User details added to the Order", "data": { "_id": "61a9608266e7a45634a620a5", "isPurchased": false, "items": [{ "quantity": 1, "title": "Mens Casual Premium Slim Fit T-Shirts ", "price": "22.3", "description": "Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and comfortable wearing. And Solid stitched shirts with round neck made for durability and a great fit for casual fashion wear and diehard baseball fans. The Henley style round neckline includes a three-button placket.", "image": "https://fakestoreapi.com/img/71-3HjGNDUL._AC_SY879._SX._UX._SY._UY_.jpg", "category": "men's clothing", "productId": "2", "_id": "61a9608266e7a45634a620a6" }] }, "url": "/api/v1/user/cart/61a9608266e7a45634a620a5" } </pre>		

4. <https://kart-me-be.herokuapp.com/api/v1/user/cart/create-order>

This endpoint makes a PATCH request, and updates the isPurchased variable to true and removes the cartID from the localStorage, marking the completion of the order.

How to Use:

```
axios.patch('https://kart-me-be.herokuapp.com/api/v1/user/cart/create-order', {  
  cartId: localStorage.cartId,  
})
```

Output/Result:

JSON Raw Data Headers

Save Copy Pretty Print

```
{  
  "status": "Success",  
  "message": "Order successfully placed!",  
  "data": {  
    "_id": "61a94de865e63c7c75e43a7e",  
    "isPurchased": true,  
    "items": [  
      {  
        "quantity": 1,  
        "title": "Mens Casual Premium Slim Fit T-Shirts ",  
        "price": "22.3",  
        "description": "Slim-fitting style, contrast raglan long sleeve, three-button  
henley placket, light weight & soft fabric for breathable and comfortable wearing. And  
Solid stitched shirts with round neck made for durability and a great fit for casual  
fashion wear and diehard baseball fans. The Henley style round neckline includes a three-  
button placket.",  
        "image": "https://fakestoreapi.com  
/img/71-3HjGNDUL._AC_SY879._SX._UX._SY._UY_.jpg",  
        "category": "men's clothing",  
        "productId": "2",  
        "_id": "61a94de865e63c7c75e43a7f"  
      }  
    ],  
    "address": "user_address",  
    "city": "user_city",  
    "country": "user_country",  
    "email": "useremail@kart.me",  
    "name": "username",  
    "phone": "1234567890",  
    "state": "user_state"  
  },  
  "url": "/api/v1/user/cart/61a94de865e63c7c75e43a7e"  
}
```

5. [https://kart-me-be.herokuapp.com/api/v1/user/cart/\\${id}](https://kart-me-be.herokuapp.com/api/v1/user/cart/${id})

It makes a GET request to the server. This endpoint is recursively used, when the user is updating its cart. A cartID is set in the localStorage and is also saved in the Database and this endpoint is recursively called, while user is making its decision of adding or removing products to and from the cart. This helps in keeping track of the items which has been added to the cart or not. The cartID is removed once the order has been successfully placed.

How to Use:

```
axios.get(
  'https://kart-me-be.herokuapp.com/api/v1/user/cart/61a92bae696da3db44ed01c2'
)
```

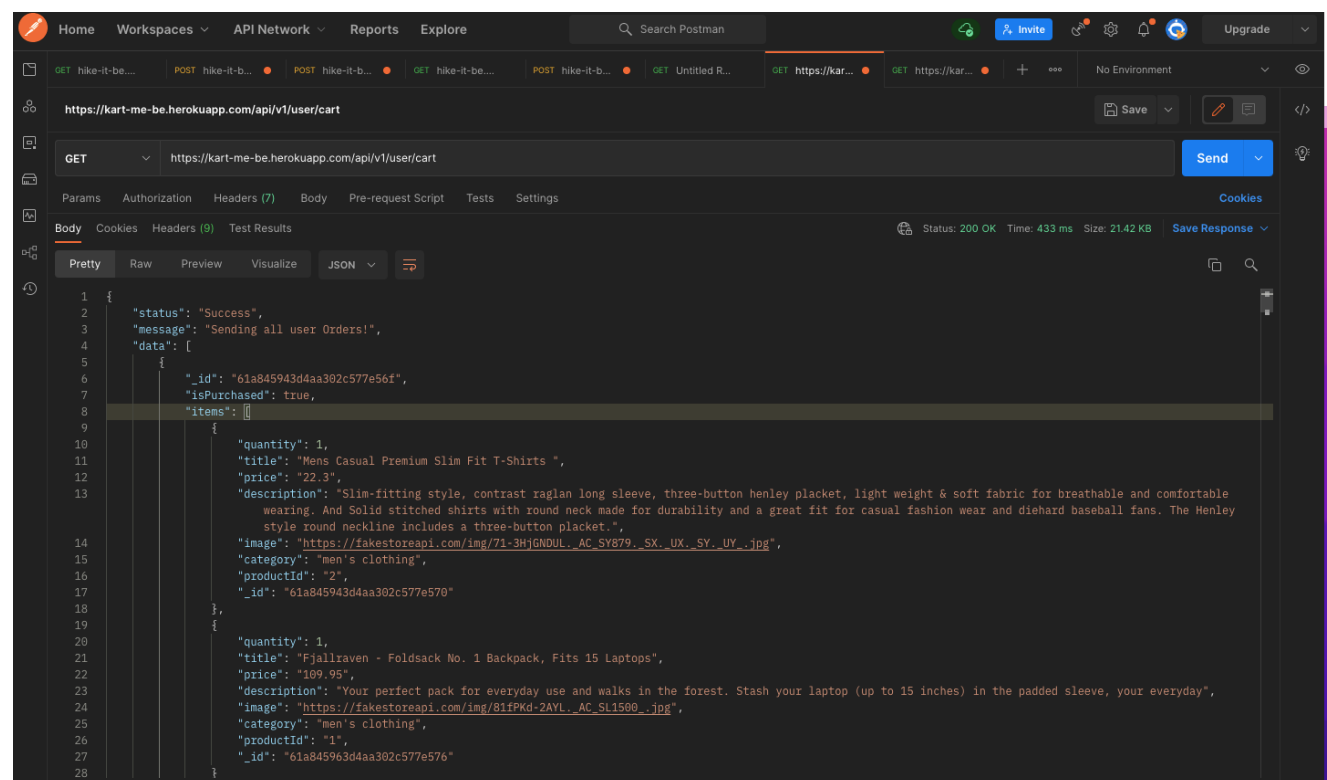
Output/Result:

JSON	Raw Data	Headers
Save Copy Pretty Print		
<pre>{ "status": "Success", "message": "Sending User Order!", "data": { "_id": "61a92bae696da3db44ed01c2", "isPurchased": false, "items": [{ "quantity": 1, "title": "WD 2TB Elements Portable External Hard Drive - USB 3.0 ", "price": "64", "description": "USB 3.0 and USB 2.0 Compatibility Fast data transfers Improve PC Performance High Capacity; Compatibility Formatted NTFS for Windows 10, Windows 8.1, Windows 7; Reformatting may be required for other operating systems; Compatibility may vary depending on user's hardware configuration and operating system", "image": "https://fakestoreapi.com/img/61IBBVJvSDL._AC_SY879_.jpg", "category": "electronics", "productId": "9", "_id": "61a943d065e63c7c75e43a62" }] } }</pre>		

6. <https://kart-me-be.herokuapp.com/api/v1/user/cart>

This endpoint makes a GET request to the server and the response returns the details of all the user orders that we have got on our platform. Each order has got all its properties, as in the user details and the order id, products, etc.

NOTE: This endpoint is not currently being by my application, as it serves the purpose of being used by an admin of the platform, to check how many orders they have got or other. So, to see a formatted JSON data, one can make use of this endpoints and directly call it, or do so in postman for a better formatted data.



That's all. Thank you!