Assignment 1

User -> id, name , email, password,cart.

Product ->id, name, quantity,boughtby

**Signup:**

**Method:post**

**Url:** [**http://localhost:3000/api/user/**](http://localhost:3000/api/user/login)**signup**

**Body**:

{

"email":"mahesh1@afb.com",

"password":"mahesh123"

}

**Response**:

{

"success": true,

"message": "User signup successfully",

"user": {

"id": 2,

"email": "mahesh1@afb.com"

}

}

**Login :**

**Method:post**

**Url:** [**http://localhost:3000/api/user/login**](http://localhost:3000/api/user/login)

**Body**:

{

"email": "mahesh@afb.com",

"password": "mahesh"

}

**Response**:{

"success": true,

"message": "Login successful",

"user": {

"id": 1,

"email": "mahesh@afb.com"

}

}

**Get Users:**

**Method:get**

**Url: http://localhost:3000/api/user/allUsers**

**Response**:{

"success": true,

"message": "Users fetched successfully",

"users": [

{

"id": 1,

"email": "mahesh@afb.com",

"cart": []

}

]

}

**Get Products:**

**Method:get**

**Url: http://localhost:3000/api/product/allProducts**

**Response**:

{

"success": true,

"message": "Products retrieved successfully",

"products": [

{

"id": "1",

"name": "macbook",

"quantity": "8",

"boughtBy": "mahesh@afb.com"

}

]

}

**Add Product:**

**method:Post**

Body:

{

"name": "iphone 10",

"quantity": "5",

"boughtBy": ""

}

**Url:**[**http://localhost:3000/api/product/addProduct**](http://localhost:3000/api/product/addProduct)

Response:

{

"success": true,

"message": "Product created successfully",

"product": {

"id": "2",

"name": "iphone 10",

"quantity": "5",

"boughtBy": ""

}

}

Get product by Id:

**Method:get**

**url:**[**http://localhost:3000/api/product/getProductById/2**](http://localhost:3000/api/product/getProductById/2)  
Response:

{

"success": true,

"message": "Product retrieved successfully",

"product": {

"id": "1",

"name": "macbook",

"quantity": "8",

"boughtBy": "mahesh@afb.com"

}

}

**Update by id:**

**Method:put**

Url :  
Body:

{

"name": "macbook pro",

"quantity": "15",

"boughtBy": "user2"

}

**response:**{

"success": true,

"message": "Product updated successfully",

"product": {

"id": "1",

"name": "macbook pro",

"quantity": "15",

"boughtBy": "user2"

}

}

**Delete product by id:**

**Method:delete,**

**Url:http://localhost:3000/api/product/deleteProduct/1**

Response:

{

"success": true,

"message": "Product deleted successfully",

"product": {

"id": "1",

"name": "macbook",

"quantity": "8",

"boughtBy": "mahesh@afb.com"

}

}

**Get products in a paginated way:**

Method:get

**Url:**[**http://localhost:3000/api/product/paginated?page=2&pageSize=1**](http://localhost:3000/api/product/paginated?page=2&pageSize=1)

**Response:**

{

"success": true,

"message": "Paginated products",

"products": [

{

"id": "3",

"name": "iphone 10",

"quantity": "5",

"boughtBy": ""

}

]

}

**Add to cart:**

**method:Post**

url:[**http://localhost:3000/api/product/addtoCart/1**](http://localhost:3000/api/product/addtoCart/1)

Body:{

"userId":"1",

"quantity":"2"

}

**Response:**

{

"success": true,

"message": "Product added to cart successfully",

"cart": [

{

"productId": "1",

"quantity": 2

}

]

}

**Remove from the cart:**  
  
**method:Delete**  
Url:[**http://localhost:3000/api/product/deleterfromCart/1**](http://localhost:3000/api/product/deleterfromCart/1)

**Body**:{"userId":"1"}

**Response:**

{

"success": true,

"message": "Product removed from cart successfully",

"removedItem": {

"productId": "2",

"quantity": 2

},

"cart": []

}

**Get cart products:**

**method:Get**

**url**:[**http://localhost:3000/api/product/getCartProducts?userId=1**](http://localhost:3000/api/product/getCartProducts?userId=1)

**Response**:

{

"success": true,

"message": "Cart retrieved successfully",

"cart": [

{

"productId": "2",

"quantity": 2,

"product": {

"id": "2",

"name": "iphone 10",

"quantity": "5",

"boughtBy": ""

}

}

]

}

**Payment:**

**Method:post**

**Url:http://localhost:3000/api/product/payment/2**

body:{"paid":"true",

"userId":"1"

}

Response:

{

"success": true,

"message": "Payment successful",

"product": {

"id": "2",

"name": "iphone 10",

"quantity": "3",

"boughtBy": "mahesh@afb.com"

},

"cart": []

}

Order history :

**method:get**

**Url:**[**http://localhost:3000/api/product/history?userId=2&page=2&pageSize=1**](http://localhost:3000/api/product/history?userId=2&page=2&pageSize=1)

**Response:**

{

"success": true,

"message": "Order history retrieved successfully",

"pagination": {

"currentPage": 2,

"pageSize": 1,

"totalProducts": 2,

"totalPages": 2

},

"products": [

{

"id": "2",

"name": "iphone 10",

"quantity": "3",

"boughtBy": "mahesh3@afb.com"

}

]

}