**MERN Final Project:**

* **API’s created:**

**Postman Project Name: lms-shopping24x7**

1. POST - localhost:8080/api/v1/users/register (Postman name : lms-shopping24x7/user/createUser)

Request : {

    "firstName":"test5fn",

    "lastName":"test5ln",

    "email":"test5@gmail.com",

    "password":"testpassword"

}

Response: {

    "status": "success",

    "message": "User Created Successfully"

}

1. POST - localhost:8080/api/v1/users/login (Postman Name : lms-shopping24x7/user/loginUser)

Request  {

    "username":"test5@gmail.com",

    "password":"testpassword"

 }

Response: {

    "status": "success",

    "message": "user logged in successfully",

    "accesstoken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7ImlkIjoiNjJmMDQ2M2MyYjA5NTUwMTljMTk2NGU5In0sImlhdCI6MTY1OTkxNDE0OSwiZXhwIjoxNjU5OTE1OTQ5fQ.UJ4wlknpMnEZakY2EWd2h1BGF0JxgLJOsr0s\_yKcvDM"

}

1. GET - localhost:8080/api/v1/profile (Postman Name : lms-shopping24x7/user/profile)

Request: header : { "token":" eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7ImlkIjoiNjJmMDQ2M2MyYjA5NTUwMTljMTk2NGU5In0sImlhdCI6MTY1OTkxNDE0OSwiZXhwIjoxNjU5OTE1OTQ5fQ.UJ4wlknpMnEZakY2EWd2h1BGF0JxgLJOsr0s\_yKcvDM" }

Response: {

{

    "status": "success",

    "profile": {"profileImage": {"imageLocation": **null**,"imageURL": **null**},

        "firstName": "test5fn",

        "lastName": "test5ln",

        "email": "test5@gmail.com",

        "role": "User"

    }}

}

1. PATCH - localhost:8080/api/v1/profile/address(Postman Name : lms-shopping24x7/user/updateAddress)

Request : {

"profile": {

    "email" : "test5@gmail.com",

    "address": {

            "streetAddress":"9800 Fredericksburg Rd",

            "city":"San Antonio",

            "zipcode":"78240",

            "state":"TX"

            }

        }

}

Response: {

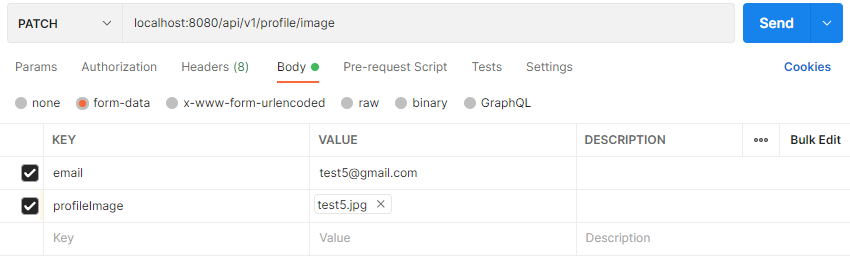
    "status": "success",

    "message": "Profile Updated Successfully"

}

1. PATCH - localhost:8080/api/v1/profile/image(Postman Name :lms-shopping24x7/user/updateProfileImage)

Request:



Response:

{

    "status": "success",

    "message": "Profile Image Updated Successfully"

}

1. DELETE - localhost:8080/api/v1/profile/image (Postman Name :lms-shopping24x7/user/deleteProfileImage)

Request :  {

    "email":"test5@gmail.com"

 }

Response: {

    "status": "success",

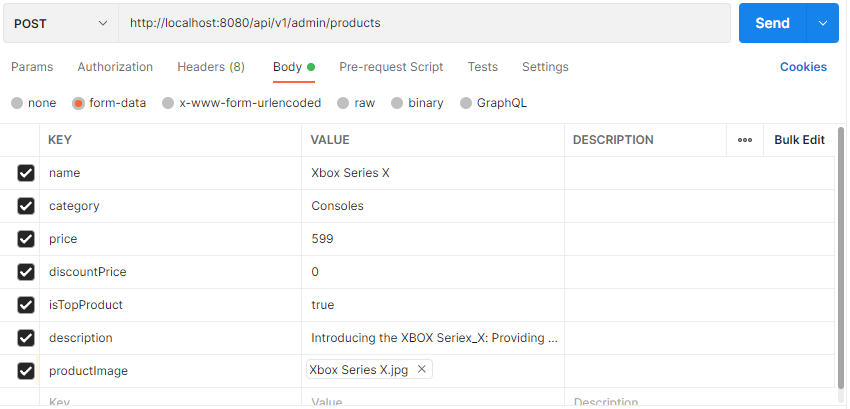
    "message": "Profile Image deleted Successfully"

}

*Products*

1. *POST -* <http://localhost:8080/api/v1/admin/products> (Postman Name: lms-shopping24x7/product/addProduct)

Request:



Response:

{

    "status": "success",

    "message": "Product Created Successfully"

}

1. GET - http://localhost:8080/api/v1/products (Postman Name: lms-shopping24x7/product/getProducts)

Retrieves Products from DB had a long list of 30 products so not adding the response manually

1. GET - <http://localhost:8080/api/v1/products/62e8a53a75ad29834b47812f> (Postman Name: lms-shopping24x7/product/getProductDetais)

Response:

{

    "status": "success",

    "product": {

        "\_id": "62f05fee2b0955019c1964f5",

        "name": "Xbox Series X",

        "category": "Consoles",

        "price": 599,

        "discountPrice": 0,

        "description": "Introducing the XBOX Seriex\_X: Providing a true 4K gaming experience, thanks to the 12 teraflops of processing power. Equipped with AMD's Zen 2 and RDNA 2 architectures, hardware-accelerated DirectX raytracing delivers realistic lighting, shadows, and reflections to create dynamic, living worlds.",

        "image": "./images/products/Xbox Series X.jpg",

        "isTopProduct": **true**,

        "quantityAvailable": 1,

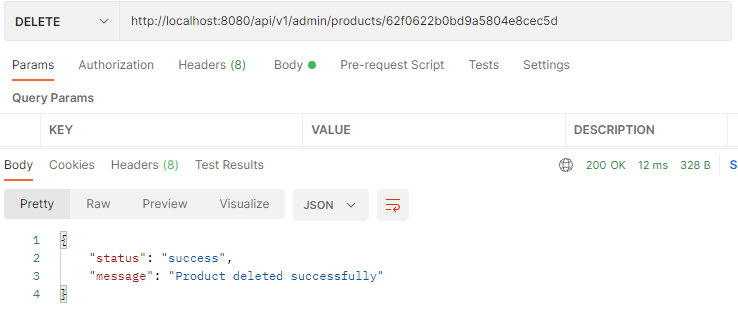
        "createdOn": "2022-08-08T00:59:26.791Z",

        "\_\_v": 0

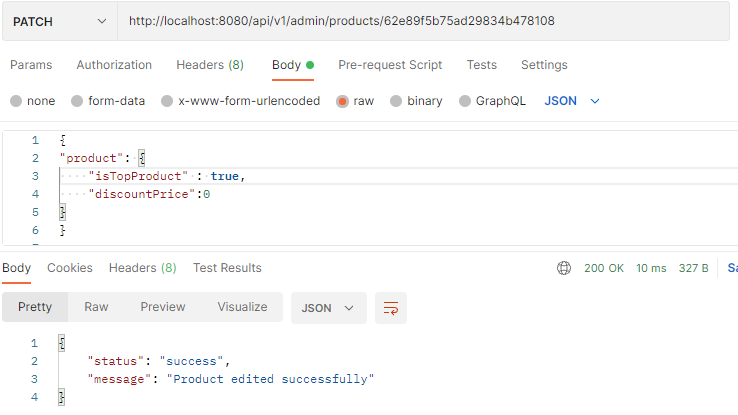
    }

}

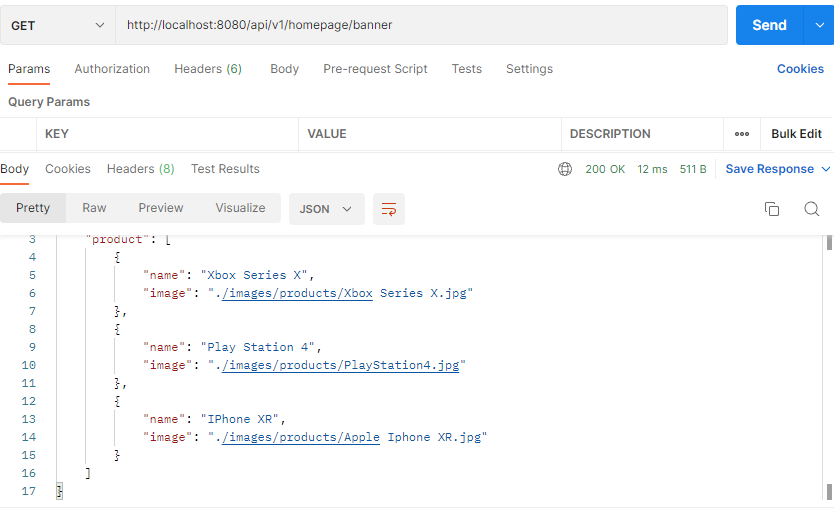
1. DELETE – http://localhost:8080/api/v1/admin/products/62f0622b0bd9a5804e8cec5d(Postman Name: lms-shopping24x7/product/deleteProduct)



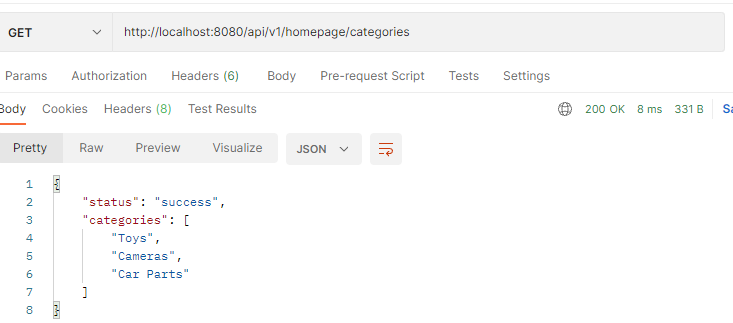
1. PATCH – http://localhost:8080/api/v1/admin/products/62e89f5b75ad29834b478108(Postman Name: lms-shopping24x7/product/updateProductDetails)



1. GET - http://localhost:8080/api/v1/homepage/banner(Postman Name: lms-shopping24x7/product/getBannerProducts)

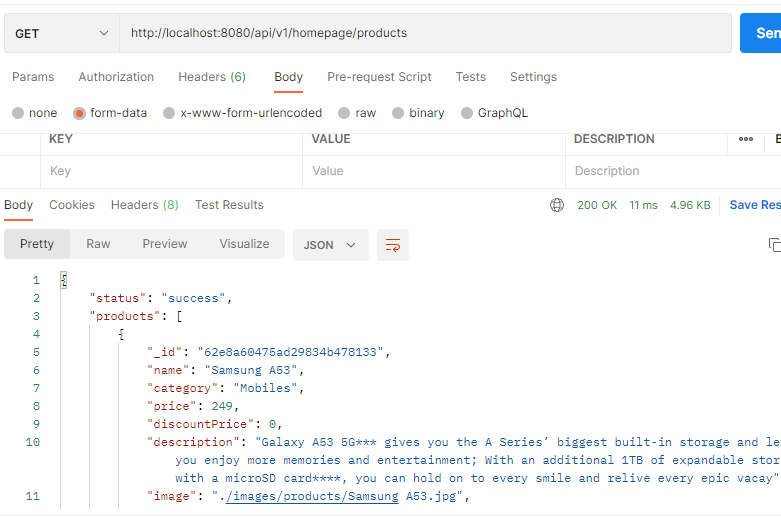


1. GET - http://localhost:8080/api/v1/homepage/categories(Postman Name: lms-shopping24x7/product/getHomePageCategories)



1. GET - <http://localhost:8080/api/v1/homepage/products> (Postman Name: lms-shopping24x7/product/getHomePageProducts)

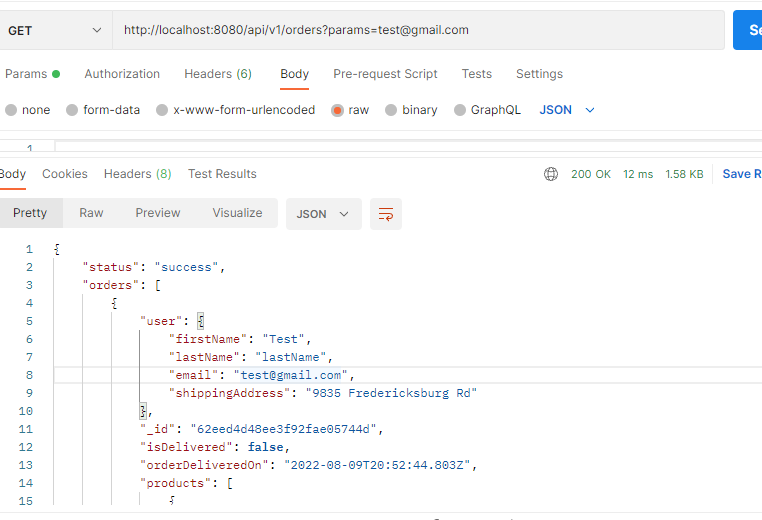
Retrieves random 8 products – Added screenshot for response



*Orders:*

1. GET - <http://localhost:8080/api/v1/orders> (Postman Name: lms-shopping24x7/orders/getOrders)

If email is passed in request query, only orders associated with email is retrieved else all orders will be retrieved



1. POST - <http://localhost:8080/api/v1/checkout> (Postman Name: lms-shopping24x7/orders/createOrder)

Request : {

    "user":{

        "firstName": "Test",

        "lastName": "lastName",

        "email":"test2@gmail.com",

         "shippingAddress": "9835 Fredericksburg Rd"

    },

    "cart":[{

        "productId":"TEST1",

        "quantity" :2

        },

        {

        "productId":"TEST2",

        "quantity" :2

        }

    ]}

Response:

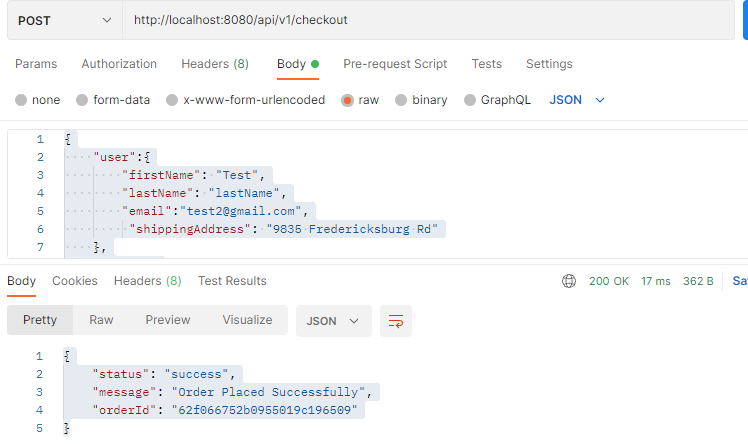
{

    "status": "success",

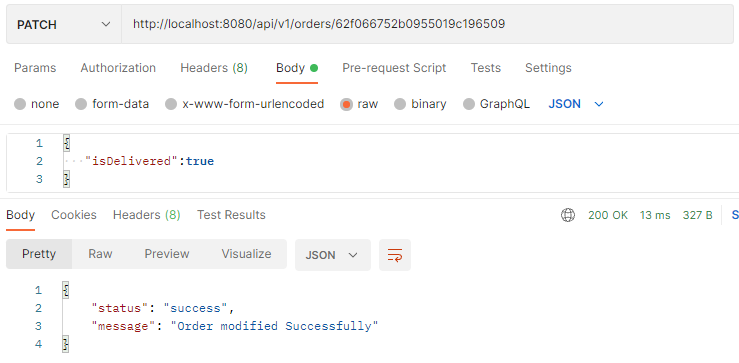
    "message": "Order Placed Successfully",

    "orderId": "62f066752b0955019c196509"

}



1. PATCH – http://localhost:8080/api/v1/orders/62f066752b0955019c196509(Postman Name: lms-shopping24x7/orders/updateOrder)



1. DELETE – http://localhost:8080/api/v1/admin/orders/62f066752b0955019c196509

(Postman Name: lms-shopping24x7/orders/deleteOrder)

