**Roles**

ADMIN

USER

# ADMIN

1. Add Products
2. View All Products
3. View Single Product
4. Edit (Update)Products
5. Delete Products
6. View list Users
7. Delete Users
8. View All Orders
9. Delete Orders
10. Add Category
11. Edit Category
12. Delete Category

# USER

1. View All Products
2. View Single Product
3. Add To Cart Products
4. Checkout
5. View All Orders
6. Edit (Update) User Details
7. View AllCategory
8. ViewSingle Category

Note: The login, registration, and change password is the common module available to all users in the system.

# Model

1. Products (id, Name, Price, Pages, Author, Category, Language, Description)
2. User (id, firstname,lastname, email(username), password, role)
3. Order (id, username, checkout(orderlist), OrderDate, amount, paymentWay)
4. Role
5. Add To Cart(Id, Product, quantity, totalprice, totalcartPrice)
6. Checkout(id, Cart, address)
7. Category

# Repository

1. ProductsRepo
2. UserRepo
3. OrderRepo
4. AddToCartRepo
5. CheckoutRepo
6. CategoryRepo
7. RoleRepo

# Service

1. ProductService
2. UserService
3. OrderService

# Controller

## AdminController

1. AddProducts
2. UpdateProducts
3. DeleteProducts
4. ViewAllProducts(findAll())
5. ViewSingleProducts(findById)
6. ViewAllUser(findAll())
7. ViewSingleUser(findById())
8. deleteSingleUser()
9. DeleteAllUser()
10. ViewAllOrders
11. DeleteSingleOrder(deleteById())
12. DeleteAllOrders(deleteAll())
13. ViewAllCategory
14. ViewSingleCategory //not Required
15. EditCategory
16. DeleteCategory

## HomeController

1. ViewAllProducts()
2. View Single Product
3. FilterProduct(Aggregation)
4. SearchByName(Aggregation)
5. Login()
6. SignUp()
7. ForgetPassword()
8. View All Category()

## UserController

1. ShowAllOrders
2. DeleteOrders(Single or All)
3. ShowUserDetails
4. Edit UserDetails

## CartController

1. AddToCart
2. ViewCart
3. RemoveCartItem
4. Checkout
5. Edit Cart (Update Quantity BY Id)

# Configuration

SecurityConfig

# Exception

1. UserNotFoundException
2. ProductNotFoundException

# Pending Work

* Adding Try & catch block, Exception handling
* Form Validation
* Security

## Project Status

## AdminController

1. AddProducts

<http://localhost:8089/admin/product/add> :- OK, OK

1. UpdateProducts

<http://localhost:8089/admin/product/update/2> :-OK, OK

1. DeleteProducts

<http://localhost:8089/admin/product/delete/1> :- OK , OK

DeleteAll Products :-

<http://localhost:8089/admin/product/delete/all> :- OK, OK

1. ViewAllUser(findAll())

<http://localhost:8089/admin/dashboard/users> : - OK, OK

1. ViewSingleUser(findById())

<http://localhost:8089/admin/dashboard/users/susant> : OK, OK

1. deleteSingleUser()

<http://localhost:8089/admin/dashboard/user/delete/rohitdscds> :- OK, OK

1. DeleteAllUser()
2. ViewAllOrders

<http://localhost:8089/admin/dashbord/orders> :-OK , OK

1. DeleteSingleOrder(deleteById())

<http://localhost:8089/admin/dashbord/orders/delete/21> :- OK, OK

1. DeleteAllOrders(deleteAll())

<http://localhost:8089/admin/dashbord/orders/delete/all> :- OK, OK

## HomeController : All OK

With Data, Null or No Data

1. ViewAllProducts()

<http://localhost:8089/home/product> :- OK, ?

1. View Single Product

<http://localhost:8089/home/product/8> :-OK, OK

1. FilterProduct By Price(Aggregation)

<http://localhost:8089/home/product/search/140/160> : OK, OK

1. showByCategory (Aggregation)

<http://localhost:8089/home/product/showproduct/Thriller> :- OK, Ok

1. Search By Name

<http://localhost:8089/home/product/search/Days> :- OK, OK

1. Sort By price Ascending order

<http://localhost:8089/home/product/sort/asc> :- OK, OK

1. Sorting By price Descending Order

<http://localhost:8089/home/product/sort/desc> :-OK, OK

1. SignUp

<http://localhost:8089/home/signup> :- OK, OK

1. SignIn

<http://localhost:8089/home/signin> :-OK,OK

## CartController

1. AddToCart

<http://localhost:8089/addtocart/2/2> :- OK, OK

1. ViewCart

<http://localhost:8089/cart> :-OK, OK

1. RemoveCartItem

<http://localhost:8089/deletecart/0> :-OK ,OK

1. Checkout

<http://localhost:8089/checkout> :-OK, OK

1. PaymentDone OrderAdd

<http://localhost:8089/checkout/payment/0.0/Paytm_UPI> :- OK, OK