Shopping Cart

* Document Design

1. Modules
   1. Product
   2. Cart
   3. Login

* Technology Stack
* Front-end: ReactJs, MaterialUI
* Backend: NodeJS, ExpressJS
* Database: MongoDB / Postgres
* Routes

**Login**

* user/signup – Post
* user/login – Post

**Products**

Add product

* admin/addProduct – Post

View product

* admin/product/:productId – Get
* admin/product/:productCategory – Get
* admin/product/:productName – Get

Edit product

* admin/product/:productId – Put
* admin/product/:productName – Put

Delete product

* admin/product/:productid ---> Delete

**user**

* user/username – shows the home page with list of products - Get
* user/userDetails – Get
* user/userDetails – Post
* user/userDetails – Put
* user/username/:productId/productdetails

**cart**

* user/username/cart
* Project Structure
* Config

Db connection

* Routes

Login routes

Products route

User route

* Controllers

Product Controller

User Controller

* Models DB Schema

1. Product Schema

{

productId: Number,

productImage: URL,

productName: String,

price: Number,

category: String,

rating: Number,

productDescription: String,

stockLeft: Number,

reviews:[good,Awesome]

}

1. User Schema

{

userRole: String,

firstName: String,

lastName: String,

mobileNumber: Number, //10digits only

emailId: String,

Address:[{

Line1: String,

line2: String,

Line3: String,

City: String,

State: String,

Country: String,

Pincode: Number

},

{

Line1: String,

line2: String,

Line3: String,

City: String,

State: String,

Country: String,

Pincode: Number

}

]

orders:[{

productId: Number,

orderDate: Date(),

Price: Number,

address:{

Line1: String,

line2: String,

Line3: String,

City: String,

State: String,

Country: String,

Pincode: Number

}

}]

}