**E-Commerce Project**

**Technology:**

Front End:

* **React**

Components:

1. Login
2. Signup
3. Profile
4. Edit Profile
5. Home
6. Products
7. Product
8. Reviews
9. Edit Reviews
10. Cart
11. Checkout
12. *Add Product*
13. *Edit Product*

Back End:

* **NodeJS Express**

**CRUD Operations :**

**USER CRUD:**

Signup: Post

Login: Post

Edit user: Put

**Product CURD**

Add to cart: Post

Add Product: Post

Edit Product: Put

Delete product: Delete

* **MongoDB**

**User**

const user = {

\_id: ObjectId

username: string,

email: String,

password: string

role: boolean

};

**Product**

const product= {

\_id: ObjectId,

name: String,

description: String,

price: Number,

quantity: Number,

imageURL: String,

category: String,

ratings: [Number],

reviews: [

{

userId: ObjectId,

text: String

}

]

};

**Cart**

const cart = {

\_id: ObjectId,

userId: ObjectId,

items: [

{

productId: ObjectId,

quantity: Number

}

]

};

**Order**

const order = {

\_id: ObjectId,

userId: ObjectId,

items: [

{

productId: ObjectId,

quantity: Number,

price: Number

}

],

totalAmount: Number,

orderDate: Date

};

**Authentication Token**

const authToken = {

\_id: ObjectId,

userId: ObjectId,

token: String

};