Shopping Cart

Initial Requirement

- I'm looking for an application for my shop to sell my products

Double click on the requirements

- As an user i should be able to purchase items
- As an user i should be able to my order(s) and status

Administrator

- Will perform admin activities

Customer

- Will perform customer activities

Functional requirements

End User (customer)

- Register myself as an user
- Login to the application
- Browse the products
- Add items to cart, select the quantity
- Update the items or quantity to cart
- Make the payment
- Review my order(s)

Admin user (Administrator)

- Add the product
- Update the product
- Delete the product
- Manage Orders (Status changes)

⚠️ Use Case diagrams / Actors

UI Pages

Customer Pages

- Registration Page
- Login Page
- Products Page
- Cart Page

Admin Pages

- Login Page
- Products Page & Delete Product
- Add Product
- Update Product
- Orders Page

⚠️ Mockups : Imaginary UI's for developers to built

API requirements

- /register
- /login
- /logout
- /addToCart
- /viewCart
- /updateCart
- /deleteCart
- /placeOrder

- /addProduct
- /updateProducts
- /deleteProduct
- /viewOrders
- /updateOrder

⚠️ Agreement between UI and Backend

DB Design / Tables Structure

User	type
id	int
name	String
email	String
password	String
address	Address

Product	Type
id	int
name	String
desc	String
price	double
quantity	int

Order	Type
id	int
OrderDate	Date
orderCost	double
userid	int

Address	Type
id	int
address	String
city	String
state	String
country	String
zip	int
phone	String

CartItems	Type
id	int
orderid	int
userid	int
dateAdded	Date
Quantity	int
price	double
productId	int

authorities	Type
id	int
userid	int
authority	String