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**GitHub\_Link:** [https://github.com/gauravgig/Shopping\\_Cart](https://github.com/gauravgig/Shopping_Cart)

**Section:** RKMO13

**Project :** Shopping Cart

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## **LINKS: -**

[https://github.com/gauravgig/Shopping\\_Cart](https://github.com/gauravgig/Shopping_Cart)

## **INTRODUCTION: -**

Online shopping is a form of electronic commerce which allows consumers to directly buy goods or services from a seller over the Internet using a web browser. Consumers find a product of interest by visiting the website of the retailer directly or by searching among alternative vendors using a shopping search engine, which displays the same product's availability and pricing at different e-retailer.

Online shopping is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form of electronic commerce. An online shop, e-shop, e-store, internet shop, web-shop, online store, or virtual store evokes the physical analogy of buying products or services at a bricks-and-mortar retailer or in a shopping centre. Online shopping is rising day by day in India. Because India is the country where computer users are increasing day by day so as the online shopping trends are also increasing.

The shopping cart project needs to create the shopping cart system to add and organize the products record and the other information about the customers from back-end by an administrator. Customers can buy products from website and can be recognized from their username and password. This project covers the online selling of different accessories. An admin can add, remove, update the items in cart according to demand. The project shows the product category and then product details on front-end. From the product details, the product can be added to cart and can be bought.

## **MODULES: -**

- 1) INDEX - The main page of the website will be opened. It will welcome you and ask you how you want to continue. If you are an admin register or log-in as admin otherwise continue as a user.
- 2) ADMIN REGISTRATION – If you are a new administrator, you can register yourself by giving your e-mail address and setting up a password. Your details will be stored in database (Mongo DB) for further process.
- 3) ADMIN LOG-IN – If you are an admin you can enter the cart by providing your details. If you are an authenticated person, access will be

granted otherwise an alert box will appear telling you what is the problem.

4) CART - Admin can add, remove and update the accessories according to demand of customers. Product details, Quantity of Products, Price of Products, Images of products etc. will be managed by admin at the back-end.

5) USER SIGN-UP – A new user to the website needs to login by providing the following details i.e. E-mail, Password and Image(optional). Details will be stored in database for further process.

6) USER LOG-IN – An existing user can directly log-in by verifying their details and can do the purchasing.

7) MY CART – Items or Accessories selected by the user will appear in their cart. User can select number of quantities of an item they want to purchase. According to their purchase, price will be shown. If the selected quantity is not available in store, an alert box will appear.

## **INSTRUCTION to INSTALL and RUN: -**

1. Mongo db should be installed and should be there in path

2. Nod.js project should be initialized

-- command is npm init

3. Create an admin database in mongo commands are –

mongo db --- for mac

mongo --- for windows

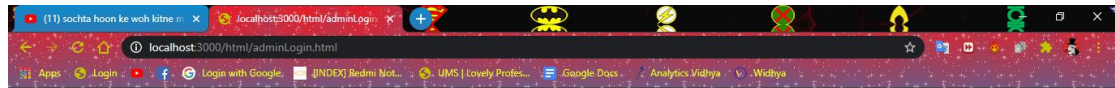
Then,

--use cartAdmin ---here cartAdmin is name of our admin Database and is given in javascript code of index.html

--db.data.insert({id:'GauravPhalke@gmail.com',password:'Gaurav@001'})

//you can give an id and password but variables name should be same as they are referred in node programmm

# Screenshot



## Admin Login

Enter Email Id.

Enter Password



## Admin Login

Enter Email Id.

Enter Password



Logout

Welcome Admin

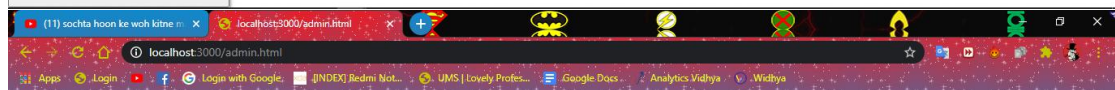
GauravPhalke@gmail.com

Add Item

Remove Item

Update Item

Change password



Logout

Welcome Admin

GauravPhalke@gmail.com

Add Item

Remove Item

Update Item

Change password

Old Password

New Password

Change

Cancel

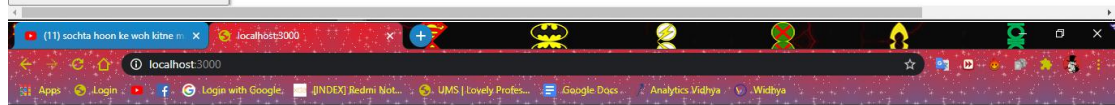



[Logout](#)

Welcome Admin

GauravPhalke@gmail.com

Add Item	Name of Item. T-Shirt	Image1 File Name tshirt1.jpeg
Remove Item	Description Cloaths	Image2 File Name tshirt2.jpeg
Update Item	Quantity 300	Image3 File Name tshirt3.jpeg
Change password	Price 499	Image4 File Name tshirt4.jpeg
	<a href="#">Add</a>	<a href="#">Cancel</a>




[Sign Up](#)




Welcome to E-Cart

[Login](#)[Admin](#)

300



Price : 499  
Discription : Cloaths  
Quantity :  
[Add to Cart](#)





Logout

Welcome Admin

GauravPhalke@gmail.com

Add Item

Remove Item

Update Item

Change password

Name of Item

Remove

Cancel



## Sign Up

Enter Email Id.

phalke190499@gmail.com

SignUp

Enter Password

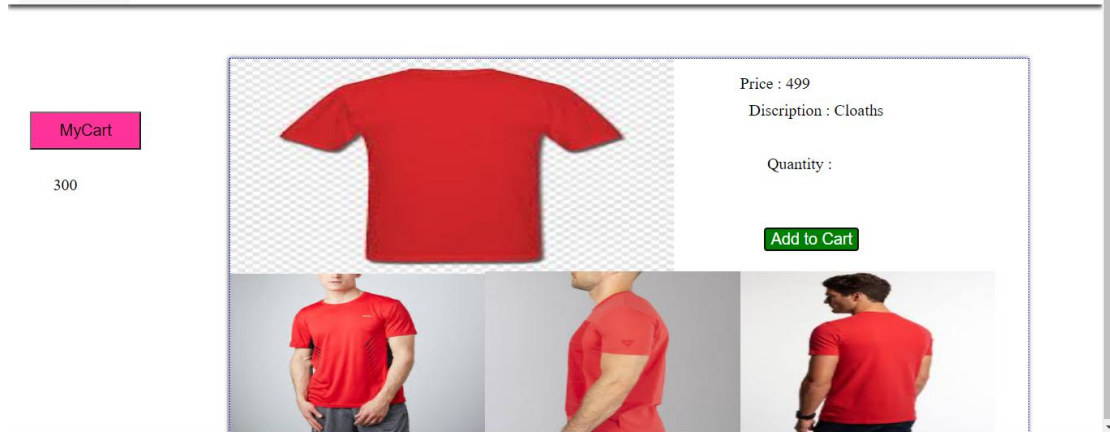
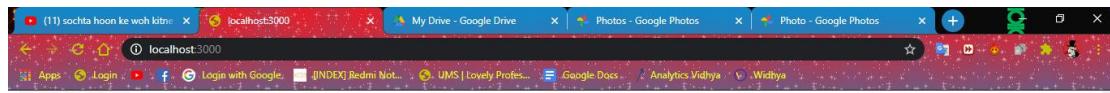
Asd@123

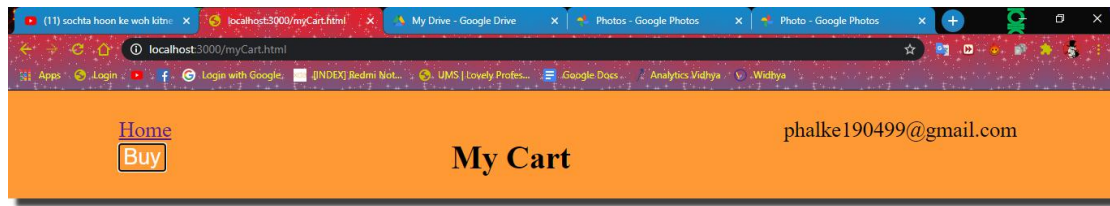
HomePage

Enter Profile Image File (Optional).

me.jpg







T-Shirt

Total Price of all items: 998

Ok

Cancel

## REQUIREMENTS: -

### HARDWARE REQUIREMENTS: -

- ❖ Authenticate Admin
- ❖ Show Products and their details with type
- ❖ Website should be able to register new user and authenticate user
- ❖ Authenticate user based on username & password.
- ❖ Maintaining the record of products.

### SOFTWARE REQUIREMENTS: -

- ❖ Server-Side Software
- ❖ Web-Server software
- ❖ Server-side scripting environment (Node.js is mandatory)
- ❖ Database tools (Mongo Db is mandatory)
- ❖ Compatible operating system

## **METHODOLOGY: -**

The different methodologies used in making this project are -

- HTML
- CSS
- JAVASCRIPT
- NODE. JS
- JSON
- MONGO DB

## **Conclusion**

The main purpose behind the proposed system is to provide a comprehensive computerized system, which can capture, collate and analyse the data and evaluate the impact of the program. The development of the software includes Administrator, User of the System and the management. It is important to identify the system requirements by properly collecting required data to interact with the system. This project covers the online selling of different accessories. An admin can add, remove, update the items in cart according to demand. The project shows the product category and then product details on front-end. From the product details, the product can be added to cart and can be bought.

I gained a lot of practical knowledge from this project, which I think, shall make me stand in a good state in the future.