Project Name: FIRST CHOICE-ONLINE CLOTH SHOPPPING APP

Branch PG-DAC March-2023

Documentation On

"FIRST CHOICE-ONLINE CLOTH SHOPPPING"

PG-DAC MARCH-2023

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Submitted By:

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A PROJECT ON

“FIRST CHOICE-ONLINE CLOTH SHOPPPING”

SUBMITTED IN

COMPLETE FULFILLMENT OF THE REQUIREMENT

FOR THE COURSE OF

DIPLOMA IN ADVANCED COMPUTING FROM CDAC

YEAR 2023

KNOW-IT, C-DAC ACTS (ATC)
Pune

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This is to certify that the project work under the title

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Under supervision and guidance for partial fulfilment of the

PG Diploma in Advanced Computing (DAC) Course

Of

Centre for Development of Advanced Computing (C-DAC), Pune.

At

KNOW-IT, C-DAC ACTS (ATC), Pune-411004.

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Batch: DAC March 2023 Batch

Date:

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I am grateful to all those who have directly or indirectly helped me in completion of the project.

We would also like to express our deepest gratitude our lab assistants, staff members, and Centre which helped in our project.

Lastly our parents and relatives who always bear with us in very critical situation have contribute a great deal in making this is us.

SUBMITTED BY

Aniket Adhalrao

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Aniket Kudale

ABSTRACT

This project is a web-based shopping system for an existing shop. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using any device. This project mainly concentrates on connecting vendor and customers directly. As we know famous website have variety of product but none of them concentrate on need of the user so we tried to create the "First Choice" website as a project. Thus, the customer will get the service of online shopping and home delivery. If shops are providing an online portal where their customers can enjoy easy shopping from anywhere. Which gives more freedom to user to choose the quantity of clothing they want to buy. Whereas it allows vendors to sell raw material as well as processed material.

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INTRODUCTION

With the current paradigm shift in technological field, there is an urgent need to embrace and appreciate the power of technology because of the numerous advantages and benefits, more and more people say they prefer online shopping over conventional shopping these days. The buyer's decision-making process has changed dramatically in recent years. Buyers are conducting extensive research online before ever speaking to a sales person. Buyers are also making more direct purchases online and via their smartphone, never stepping foot into traditional brick-and-mortar locations. The internet makes doing business much easier and faster. It's led to changes in the way people do business with a rapidly growing worldwide trend towards online shopping. Online shopping can save time for both the buyer and retailer, reducing phone calls about availability, specifications, hours of operation or other information easily found on company and product pages.

Benefits

- It simplifies the online shopping process.
- Fast processing and immediate results with high security.
- Minimizing human effort and cost-efficient in databases.
- Navigation through the site is easy.
- Provide Clothing rate to understand the quality.

Aims & Objectives

- To produce a web-based system that allow customer to order products online.
- To ease customer's task whenever they need to buy a clothing related product.
- To transform the manual process of physical shopping to an online and computerized shopping.
- To validate the online clothing shopping system using User Feedback.

Purpose

With the evolution of technology and the wave of digitalization, more and more businesses are adapting to tech evolutions. An E-commerce platform exclusively designed for individuals and businesses to start selling online, market and grow our business without any technicalities. If we own a business where we offer products or services, we must own an ecommerce website. The purpose of an E-commerce 'First Choice' online shopping website application is to facilitate the buying and selling products for our self and our customers.

Now a days E-commerce websites have become a massive part of our lives. We can also appeal to people worldwide. We can start selling our products to people living in another city, country and even another continent. There is a huge possibility to scale with ecommerce. So, the main purpose of building our own website application is that we want to build our own fashion brand and one stop shop for all our fashion and lifestyle needs. First Choice aims at providing a hassle free and enjoyable shopping experience to shoppers across the country with the widest range of brands and products on its website.

Scope

The basic needs of every person in the world need to be fulfilled at any cost. These needs include food, shelter and clothes. If we have all of these three boxes checked, we can survive in the world. But it's not just about surviving, we need to live in the world. To live, our needs expand to a certain level. This level of expanding our needs may vary for different people. The more we earn, the higher the level of our needs go. Similarly, the people who sell the products to fulfil our needs, use different sources of selling. They range between a low levels to high level of selling depending upon the quality of products to be sold out. Some products are sold out in small shops, even on roads while others are sold out in big shopping malls. Sometimes the same product is sold on both levels at the same price, but people prefer buying from big shopping malls. Most of these shopping malls have got more advanced in today's world and have developed the process of online shopping. This trend of online shopping has a great future ahead.

Functionalities

A) User

User Types:

1. Customer
2. Admin
3. Vendor

Functionalities of Customer:

1. Registration /Login
2. View products
3. Search products
4. Add to cart
5. Remove from cart
6. Place an order
7. Logout

Functionalities of Admin:

1. Login
2. Authenticate vendor before adding product to product list.
3. Add categories
4. All orders details placed by user.
5. All product details.
6. View vendor details.
7. View customer details.
8. Logout

Functionalities of Vendor:

1. Registration /Login
2. Add Categories
3. View product added
4. View out of stock product
5. View orders
6. Logout

B) Product

Functionalities of Product:

1. Add products to product list
2. Show all product from product list
3. Search product

Functionalities of cart:

1. Add product to cart
2. Remove product from cart
3. Update product from cart
4. Show products from cart
5. Place an order

C) Returns/Orders

Functionalities of order module:

1. Place orders
2. Display all orders: orders list

System Requirement Study

A. Software Requirement:

1. Windows 10 and above
2. Eclipse
3. Database – MYSQL
4. Frontend - HTML5, CSS, JAVASCRIPT, BOOTSTRAP, ReactJS
5. Backend- J2EE (Hibernate, Spring Boot)

B. Hardware Requirement:

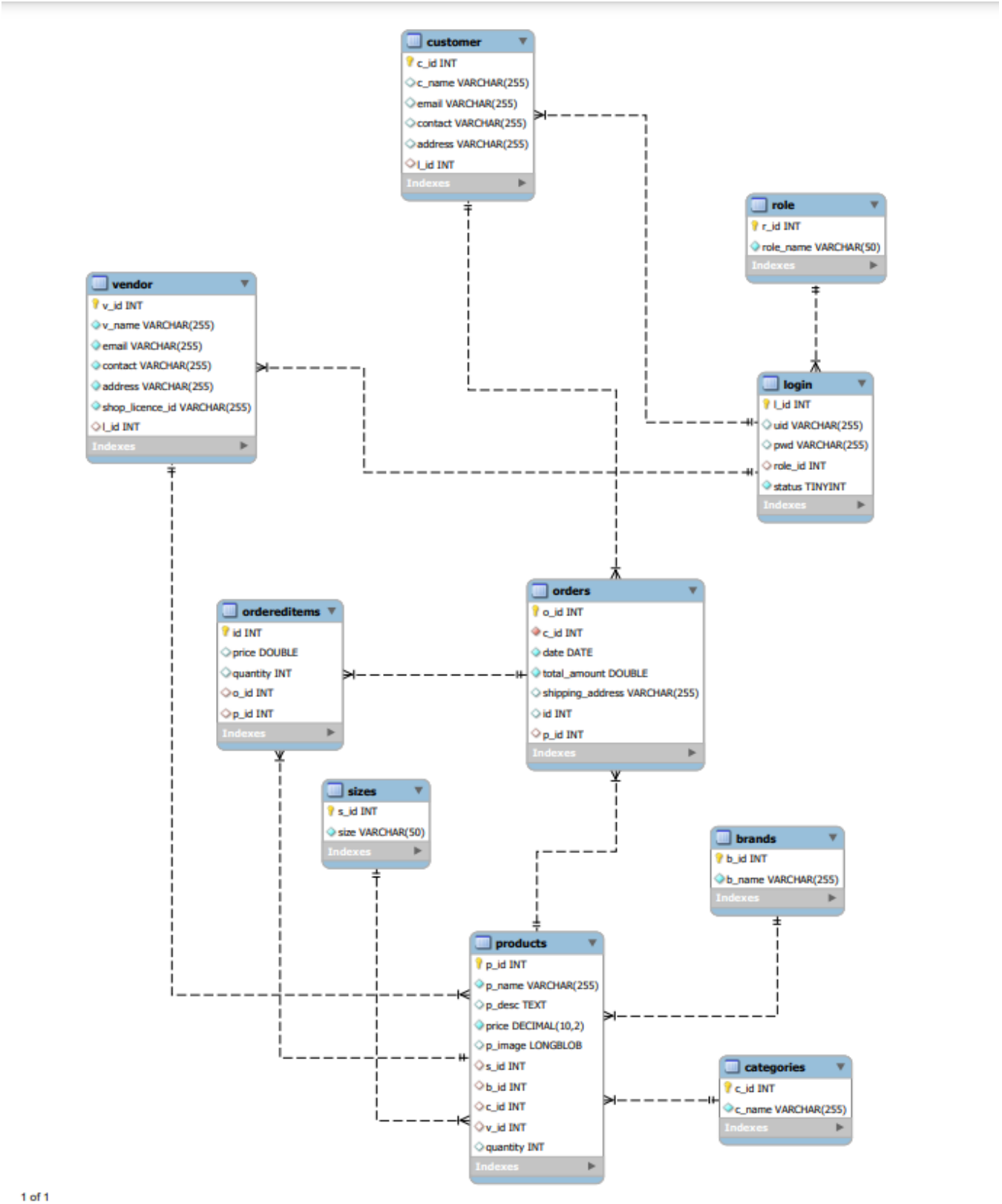
1. Intel Core I5 Processor, 1GB RAM (Server).
2. Any P.C with Windows, 2GB RAM (Client).
3. Internet Connection with 100KBPS Modern.

Applicability

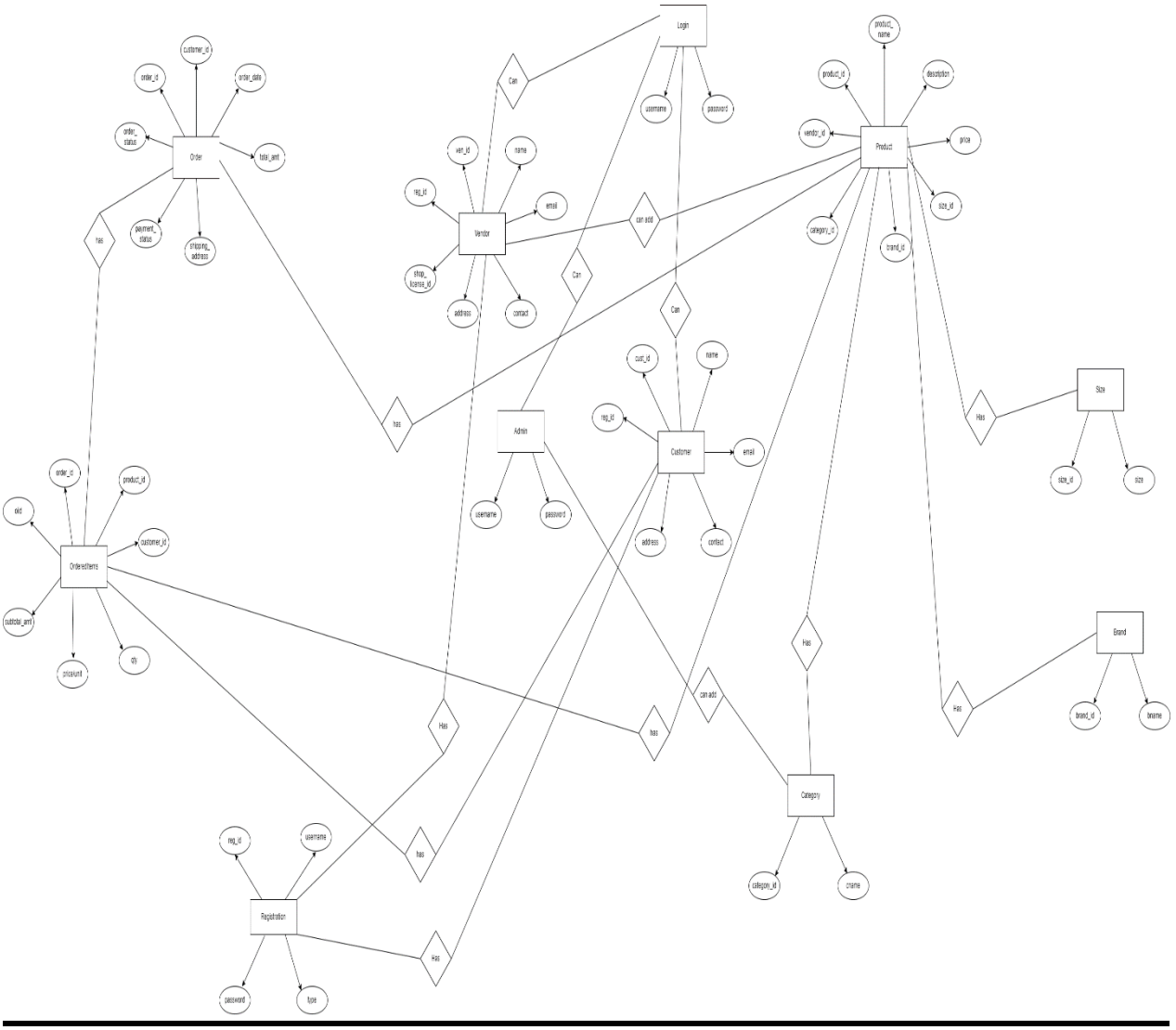
Nowadays, shopping online is occupying an essential part of shopping, big and small companies or stores need to have its commercial website, any serious business can`t be improved and reaches all over the world unless it has web site, even most families, clubs and sport academies too.

Having a web site gives people around the world opportunity to know your business or provided services. It can spread your business so fast, therefore you can achieve success. It's easier for everyone to do shopping online and buy what needed without moving from their home. Also, another reason let people buy online, is that online clothing has a wider range of products and various kinds of the same products whereas the online one's don`t have.

ER-DIAGRAM:

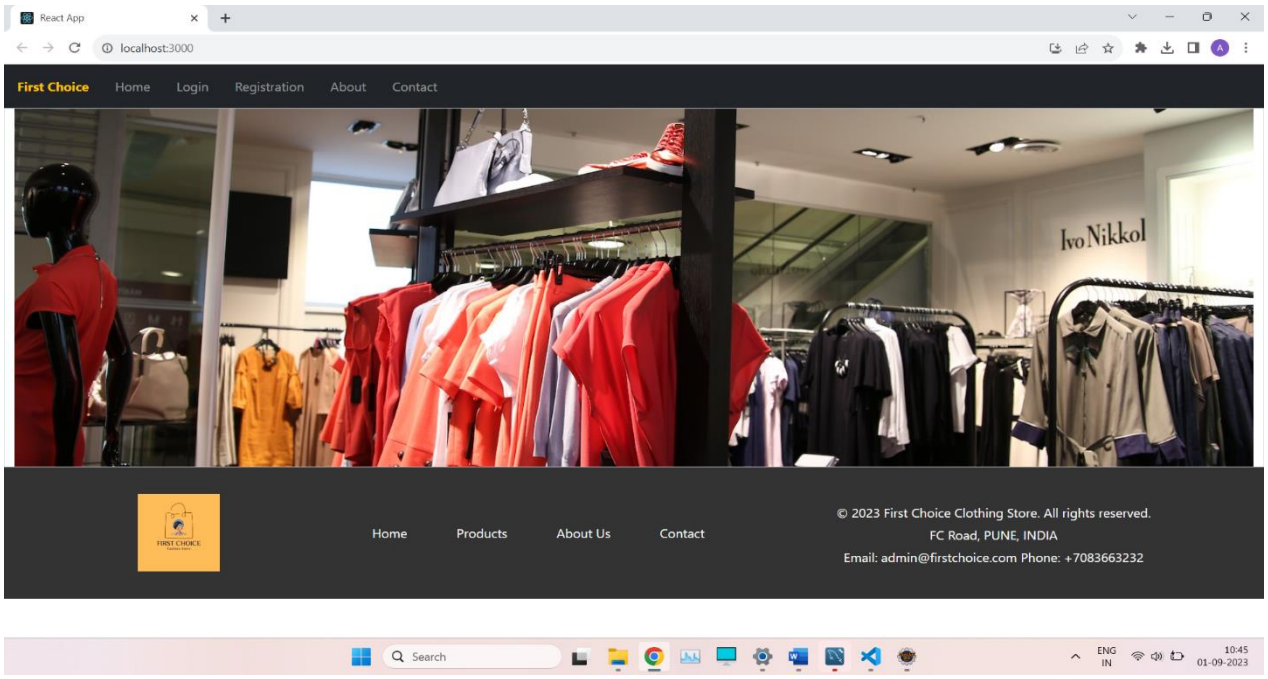


1 of 1

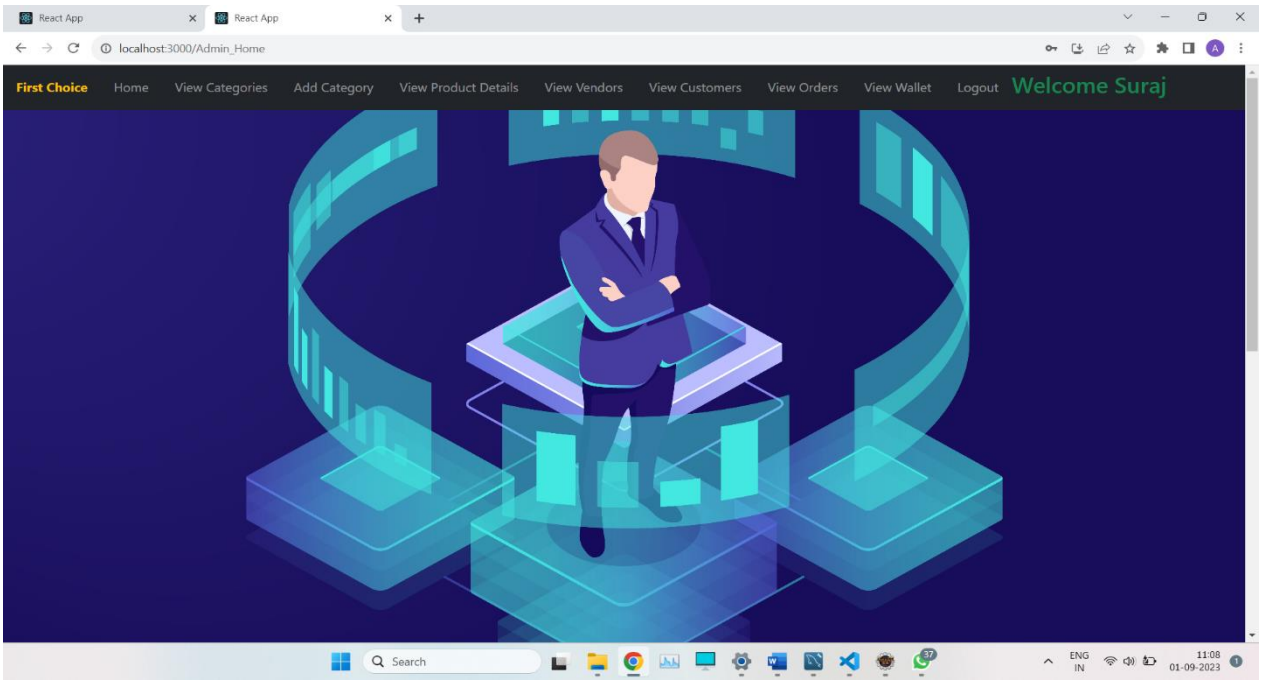

Login
username
password
Can
Order
customer_id
order_id
order_date
order_status
total_amt
has
payment_status
shipping_address
Vendor
ven_id
name
reg_id
email
shop_license_id
address
contact
can add
Can
Product
product_name
product_id
description
vendor_id
price
size_id
category_id
brand_id
Can
Admin
username
password
has
Customer
cust_id
name
reg_id
email
address
contact
Has
Size
size_id
size
Has
OrderedItems
order_id
product_id
oid
customer_id
subtotal_amt
price/unit
qty
Has
has
can add
Has
Brand
brand_id
bname
Has
Category
category_id
cname
has
Registration
reg_id
username
password
type
Has

INPUT AND OUTPUT DESIGN

Home Page:



1. Admin Page:



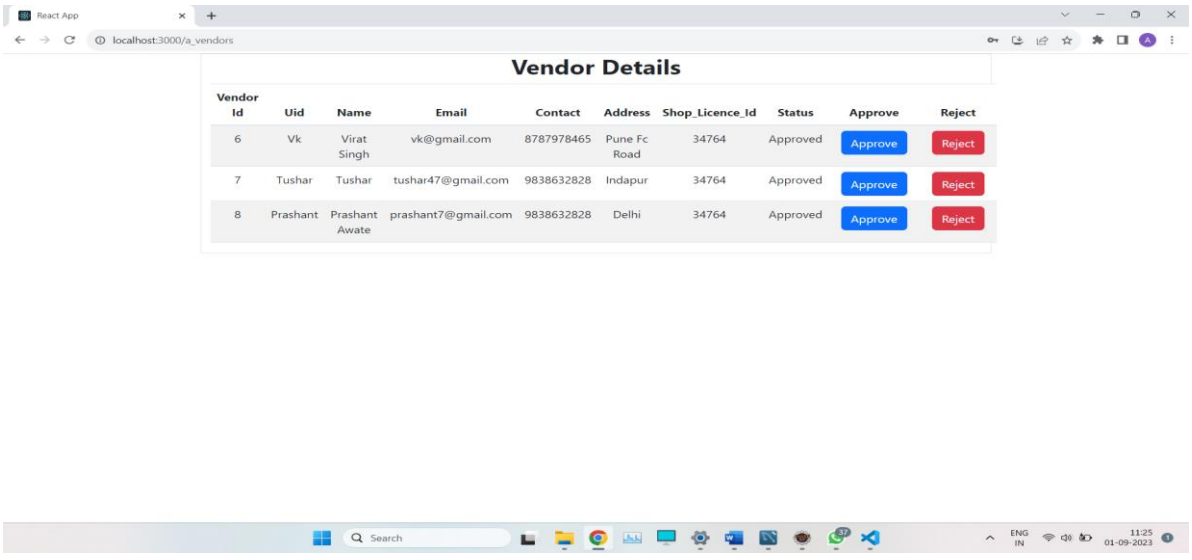
The admin is the super user of this application. Only admin can access into the admin page. Admin is the owner of the website. The admin has all the information about all the users and about all products.

Admin can perform the following activities:

1. Approve Vendors
2. Add Categories
3. View Users
4. View Orders
5. View Product Details

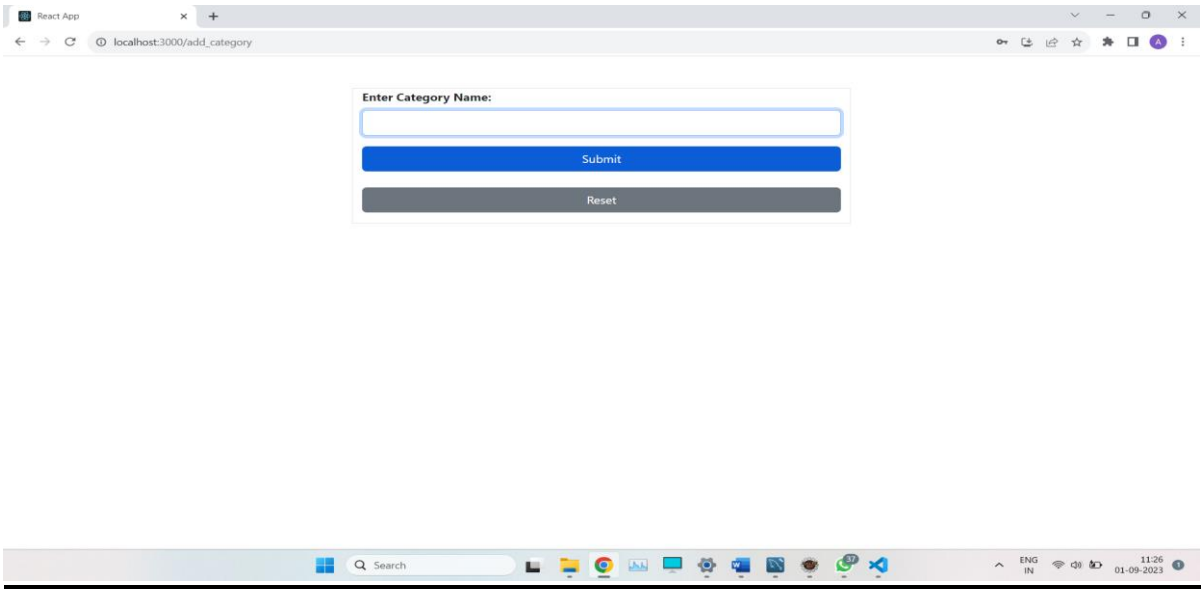
I. Approve Vendors:

Only admin is having the privilege to approve vendors. Admin can be considered as a super user of this application. He can verify the vendor to login to the system after successfully login then only vendor is able to add their products.



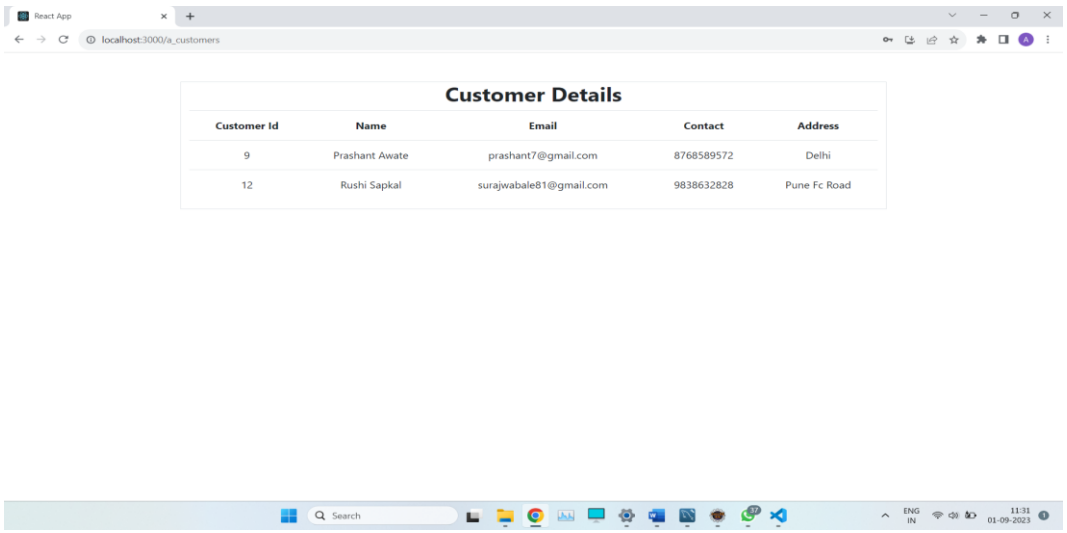
II. Add Categories:

Only admin have capability to add the product category, so while adding the product to the website vendor can choose the particular category for a particular product.



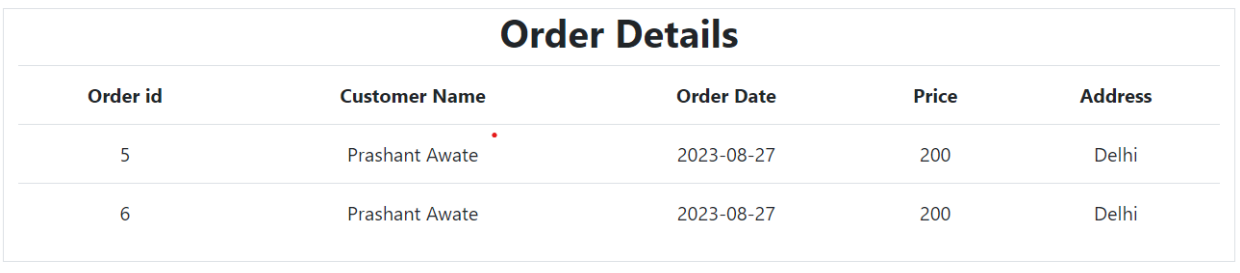
III. View Customers:

Admin can see the list of users who are registered for the site to buy the products. He can manage all the users from the admin section. Admin can view all the details of each user in the list except password.



IV. View Orders:

Administrator can view the Orders which is generated by the users. He can verify the details of the purchase.

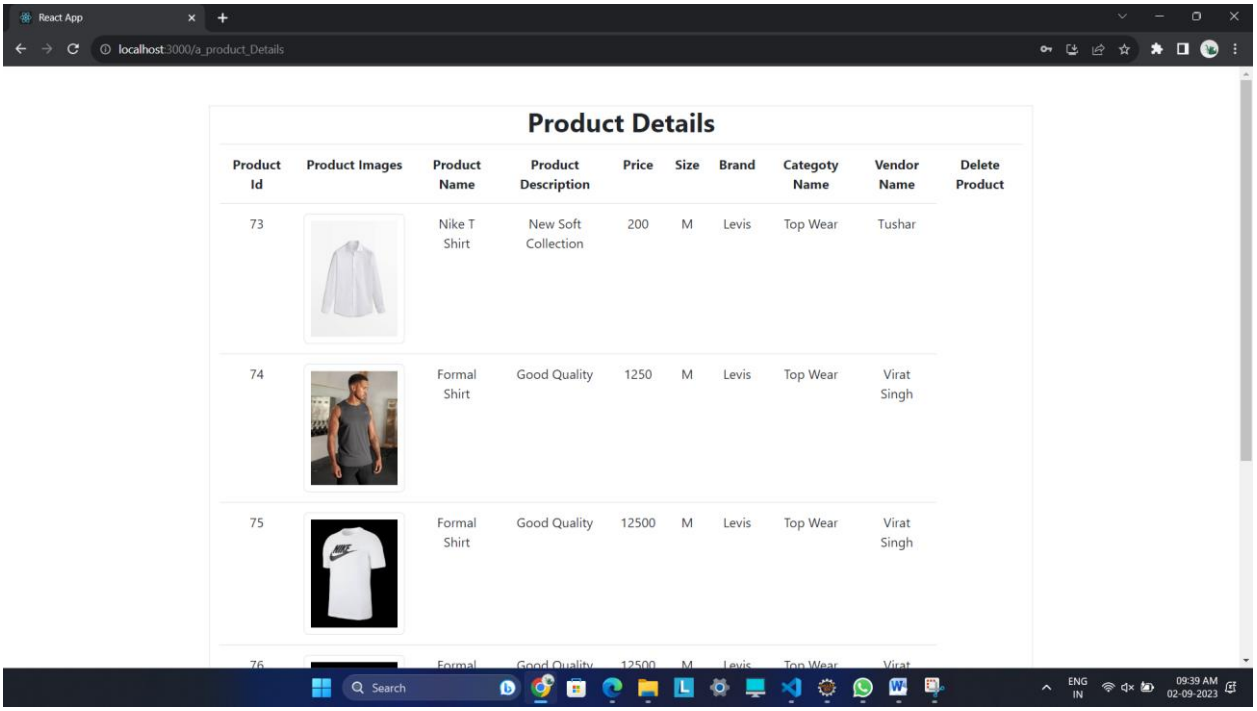


Order Details

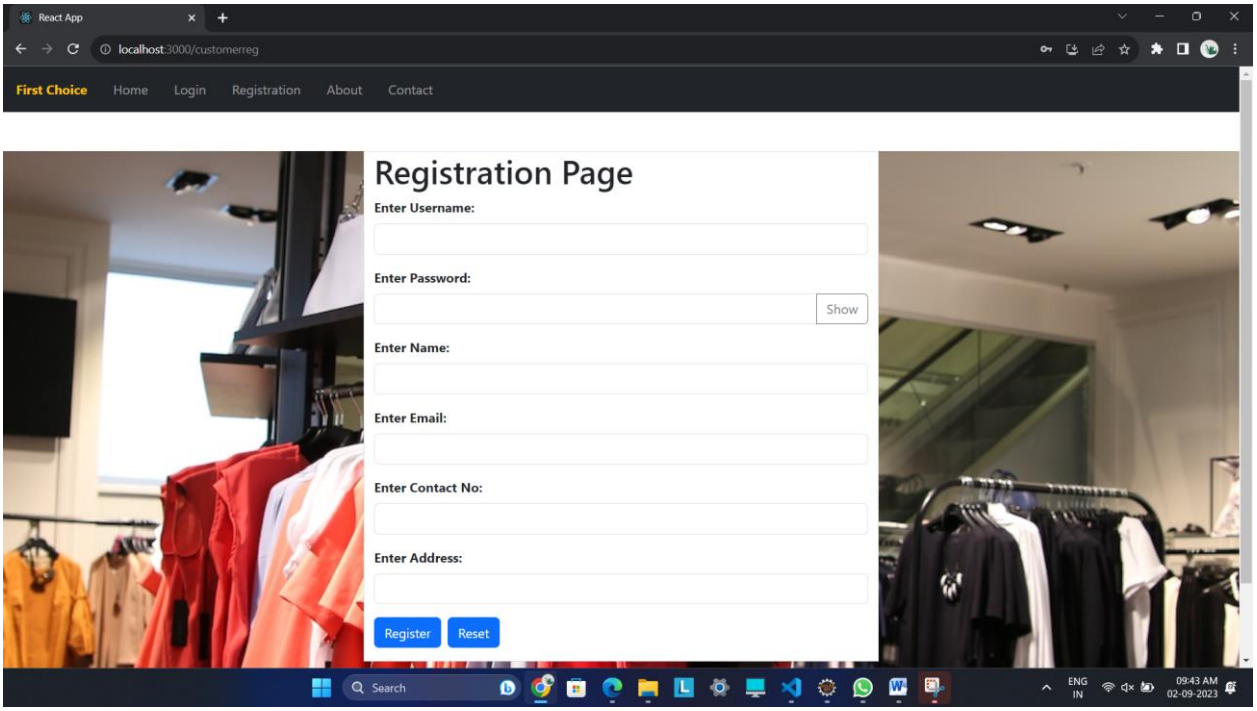
Order id	Customer Name	Order Date	Price	Address
5	Prashant Awate	2023-08-27	200	Delhi
6	Prashant Awate	2023-08-27	200	Delhi

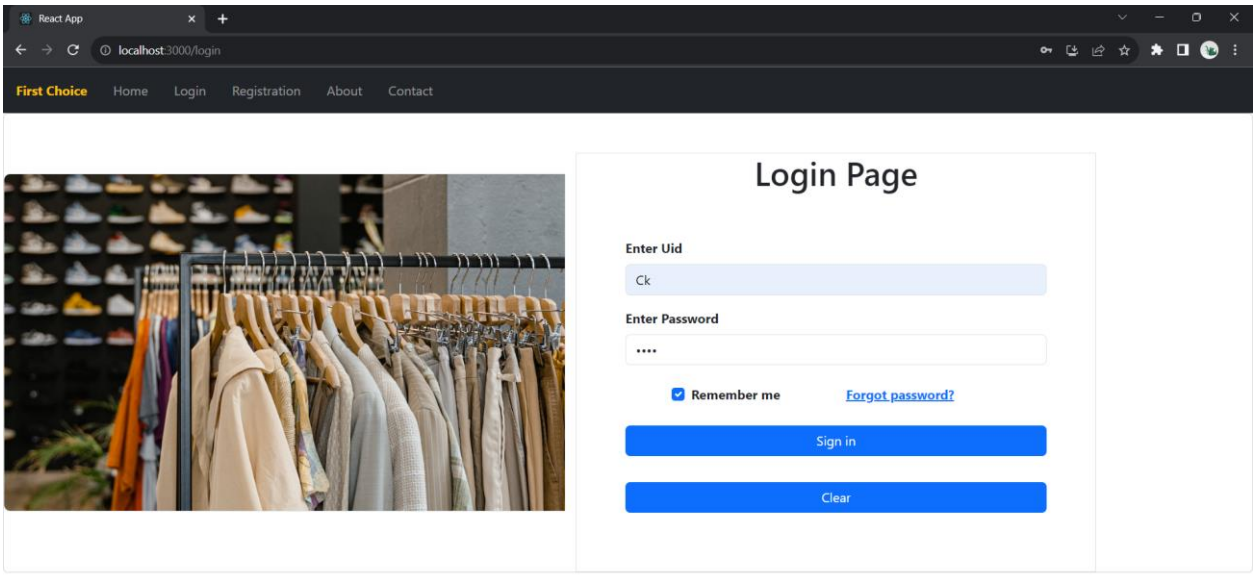
V. View Product Details:

The shopping cart project contains different kind of products. The products can be classified into different categories by name. Admin can view new products into the existing system with all its details about the product.



2. Customer Page:



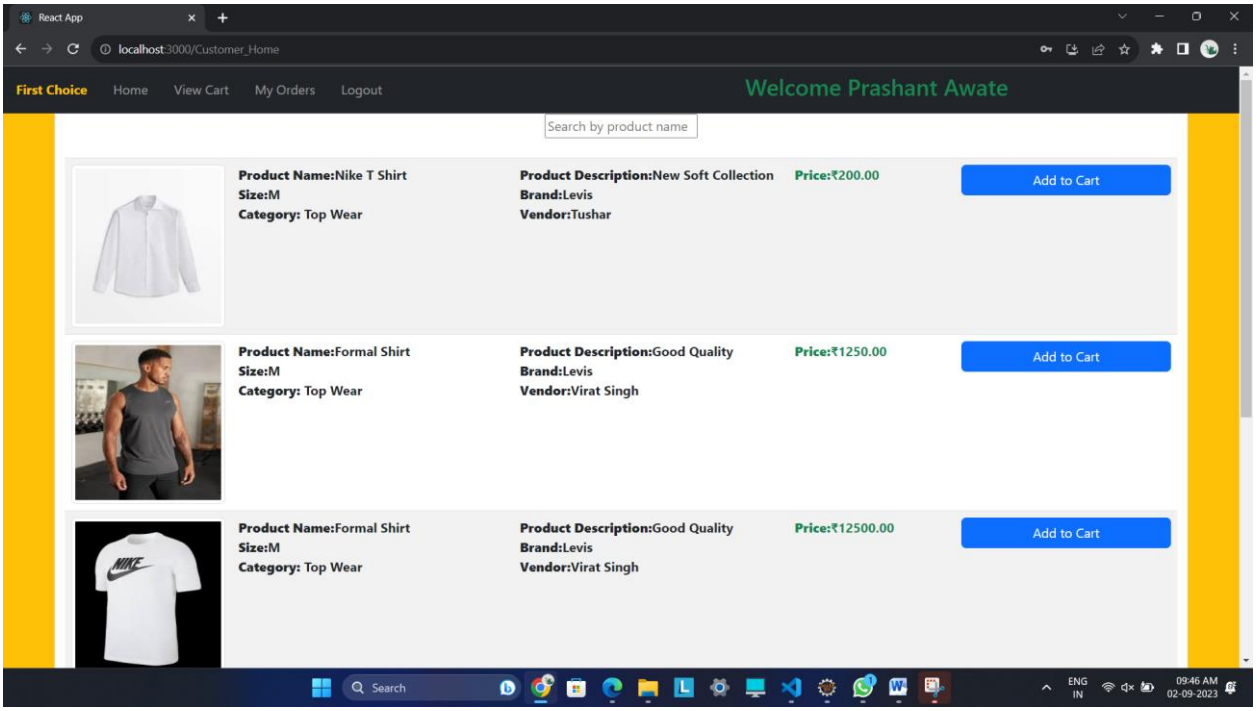


To login the website user needs an account for creating an account for user he needs to click on the create account button and fill all the details required to login. To login to the system he must need an email and password by entering email and password he can login. After user login he can perform the following activities:

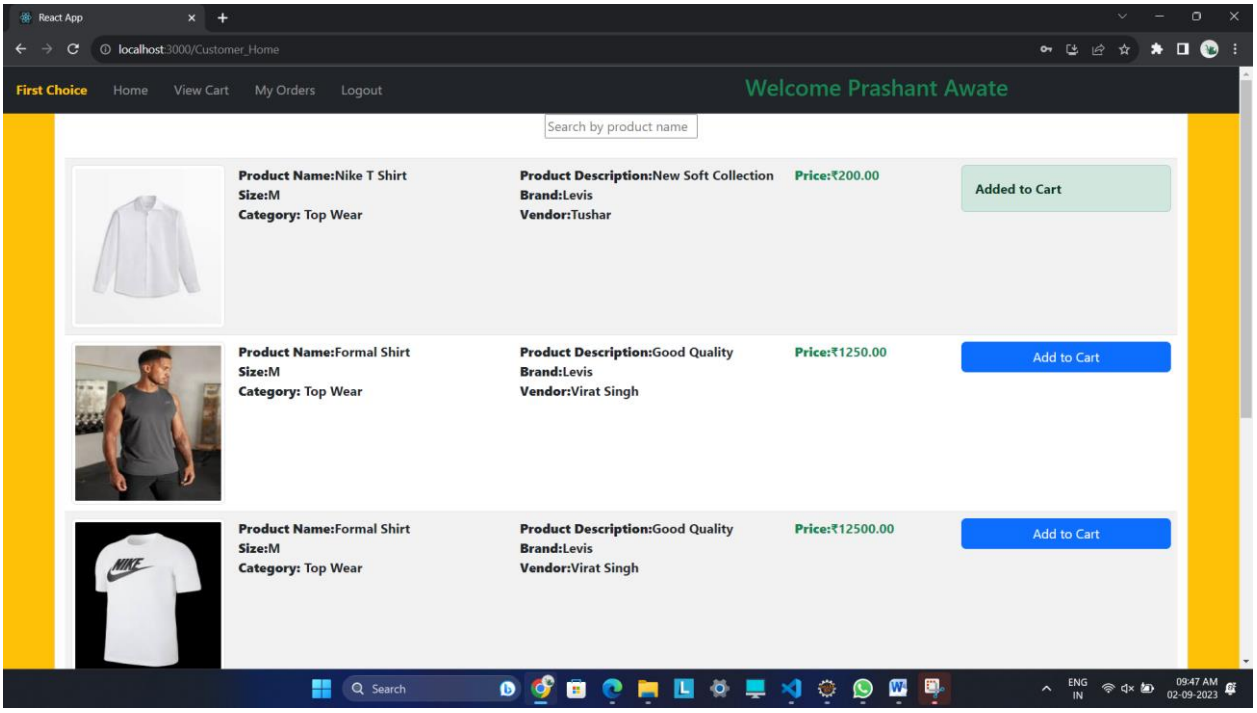
1. View Products
2. Add product to the Cart
3. Buy the products 4. Update wallet
5. Search product
6. Give Ratings
7. Review the Items and Delivery details

I. View Products:

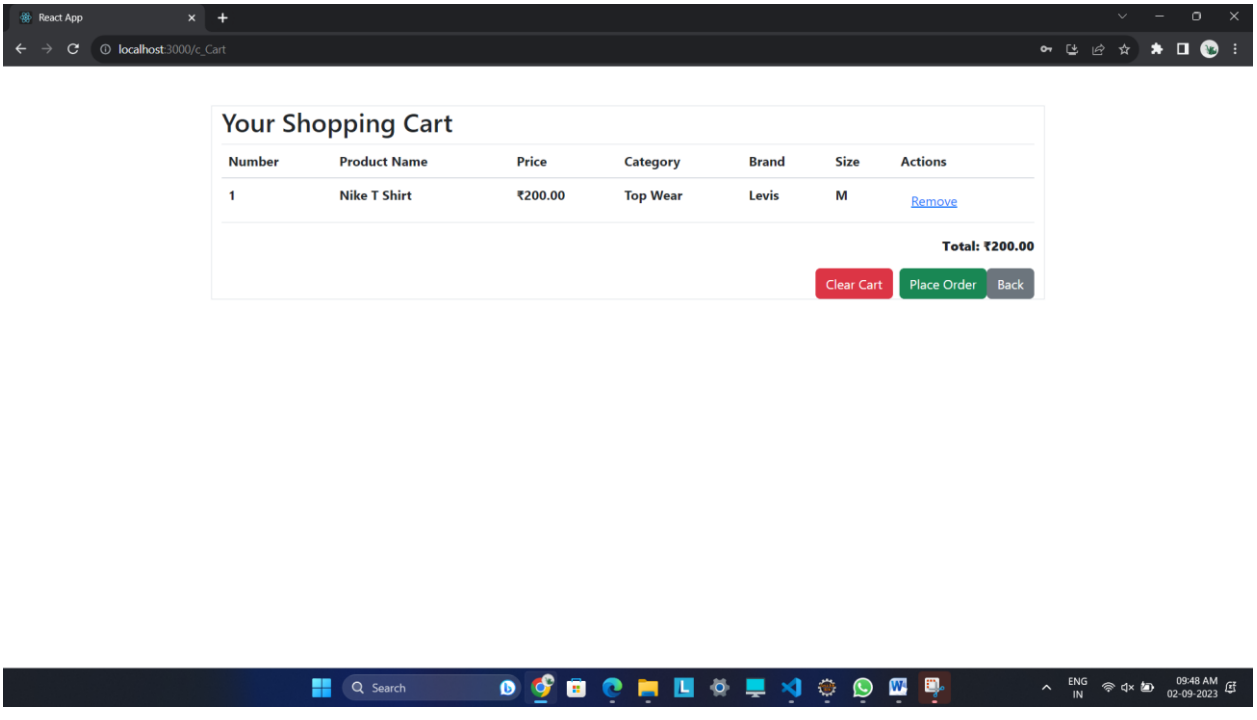
After logged in to the application the user can see all the products he can search the particular product or he can also navigate to the raw and stitched category products to buy the products. He can see all the products of his choice with the full description about the product.



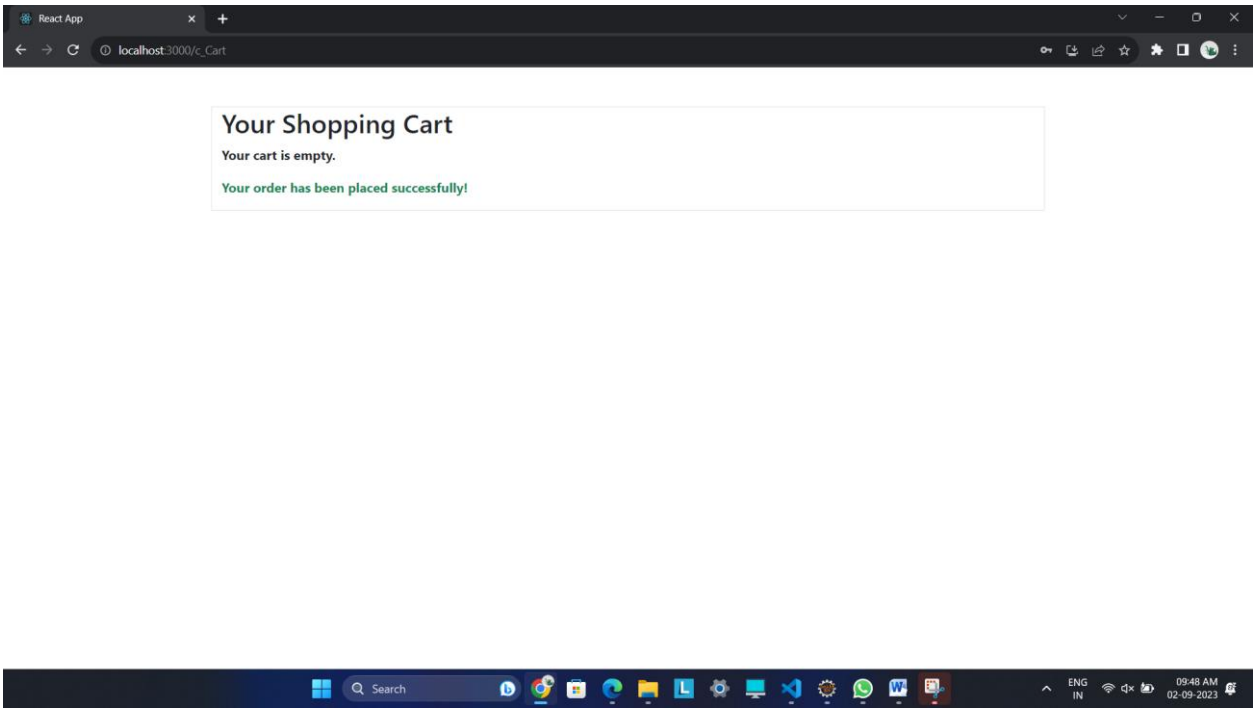
II. Add product to the Cart:

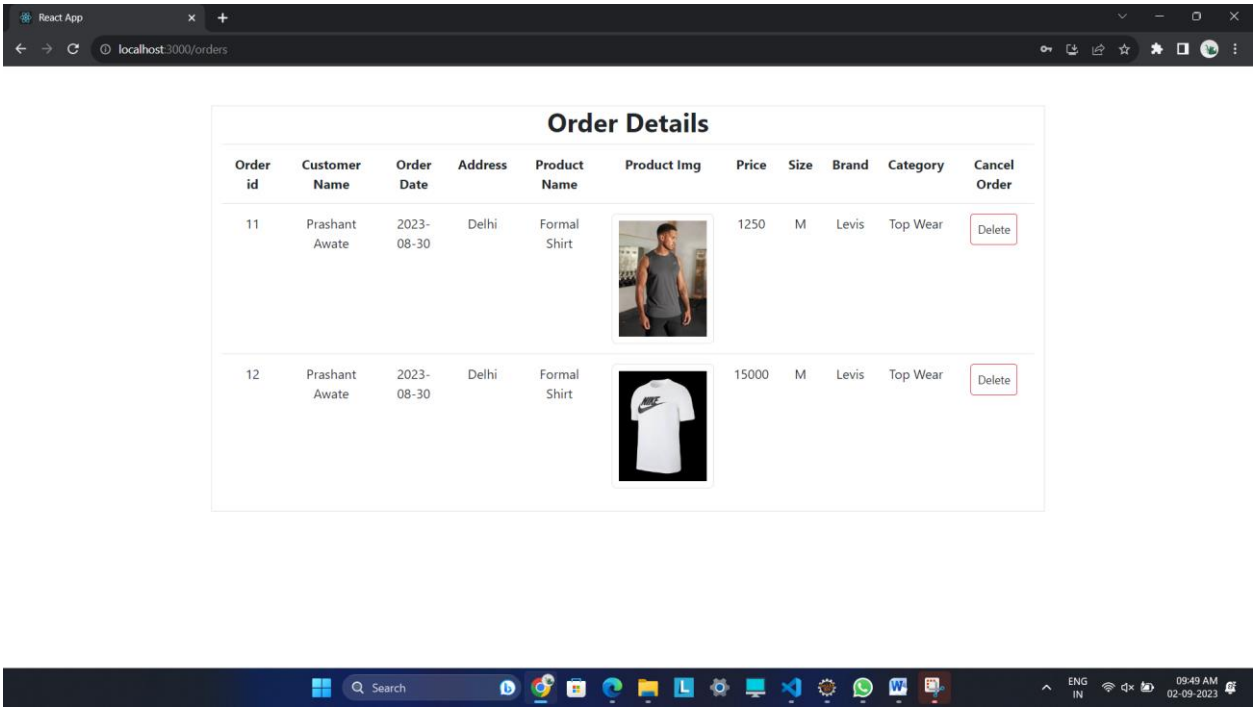


III. View Cart:

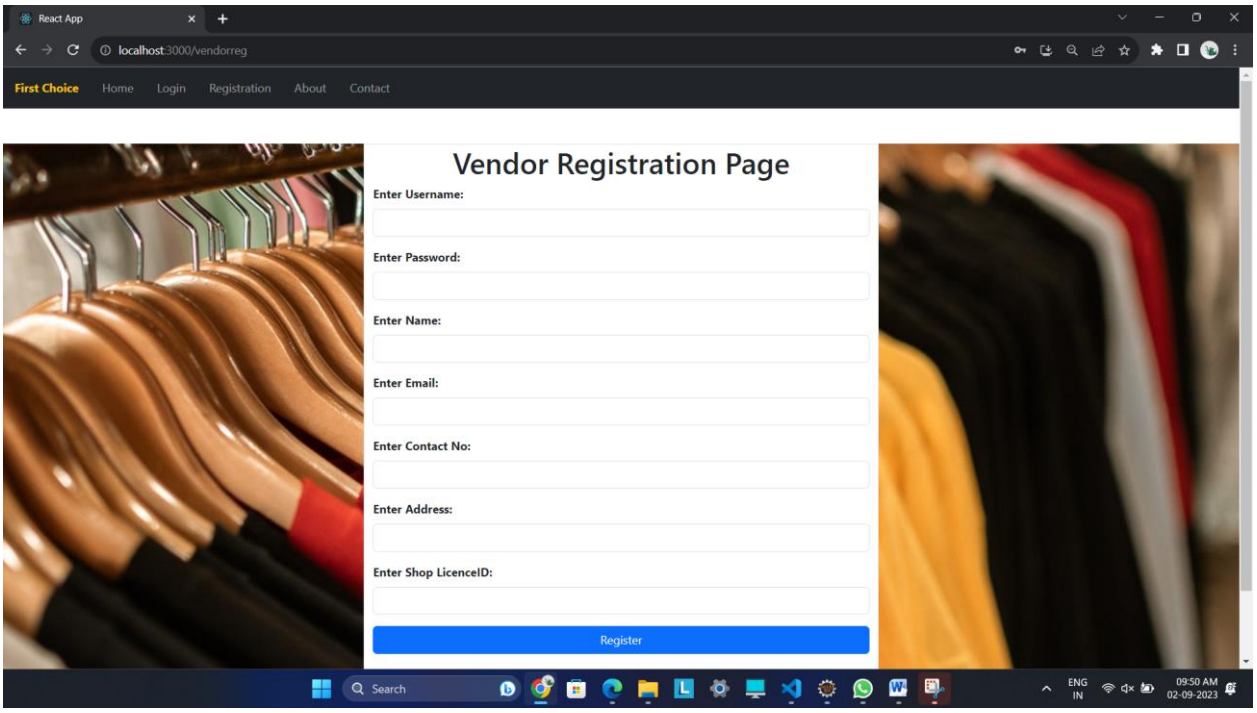


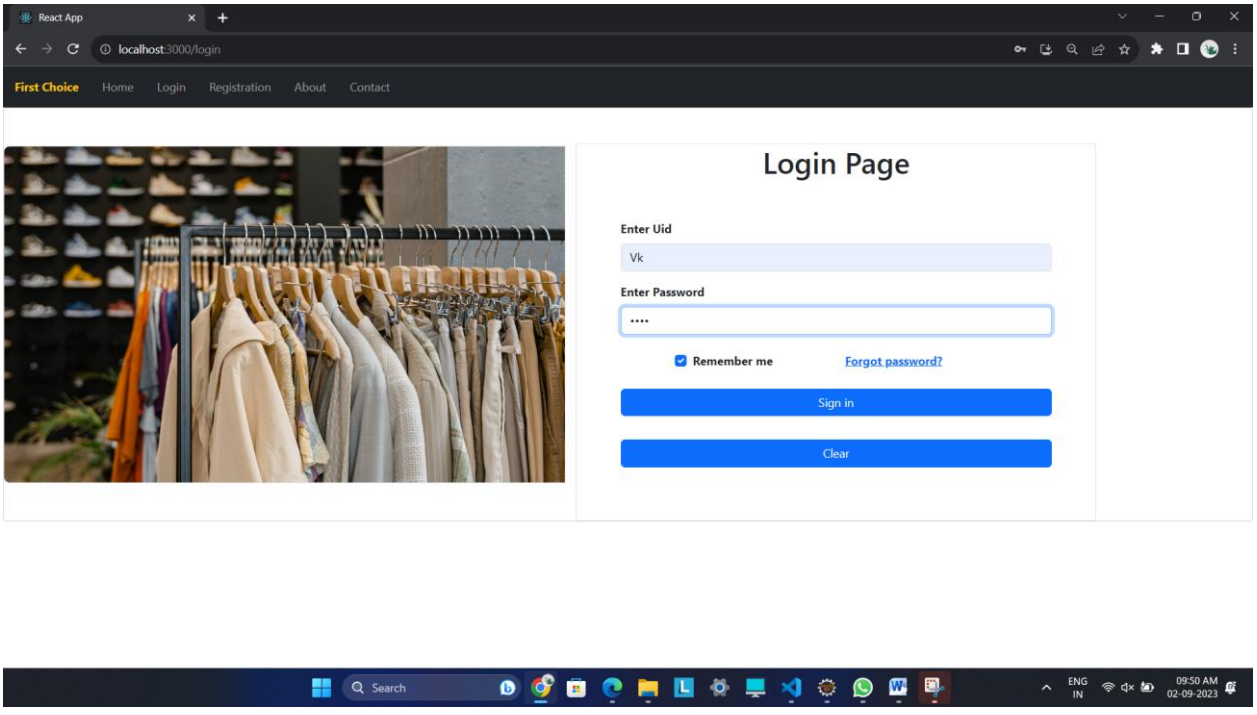
IV. Buy the products/Place the Order:





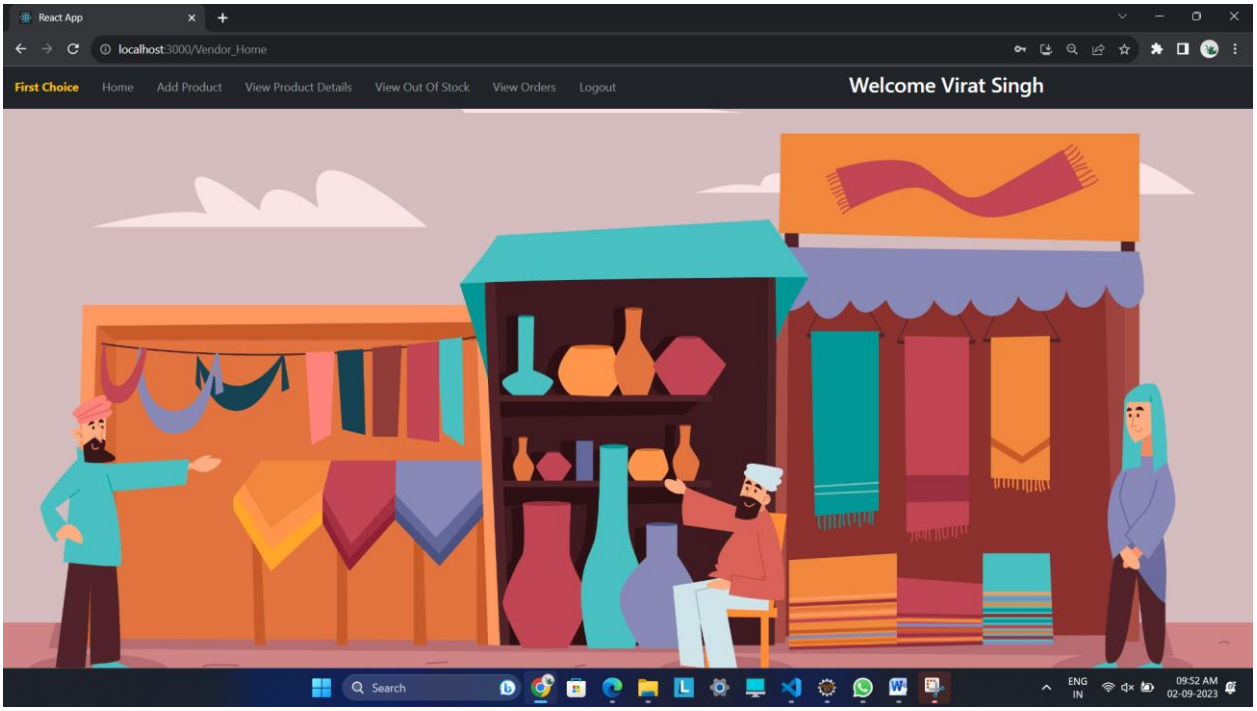
3. Vendor Page:





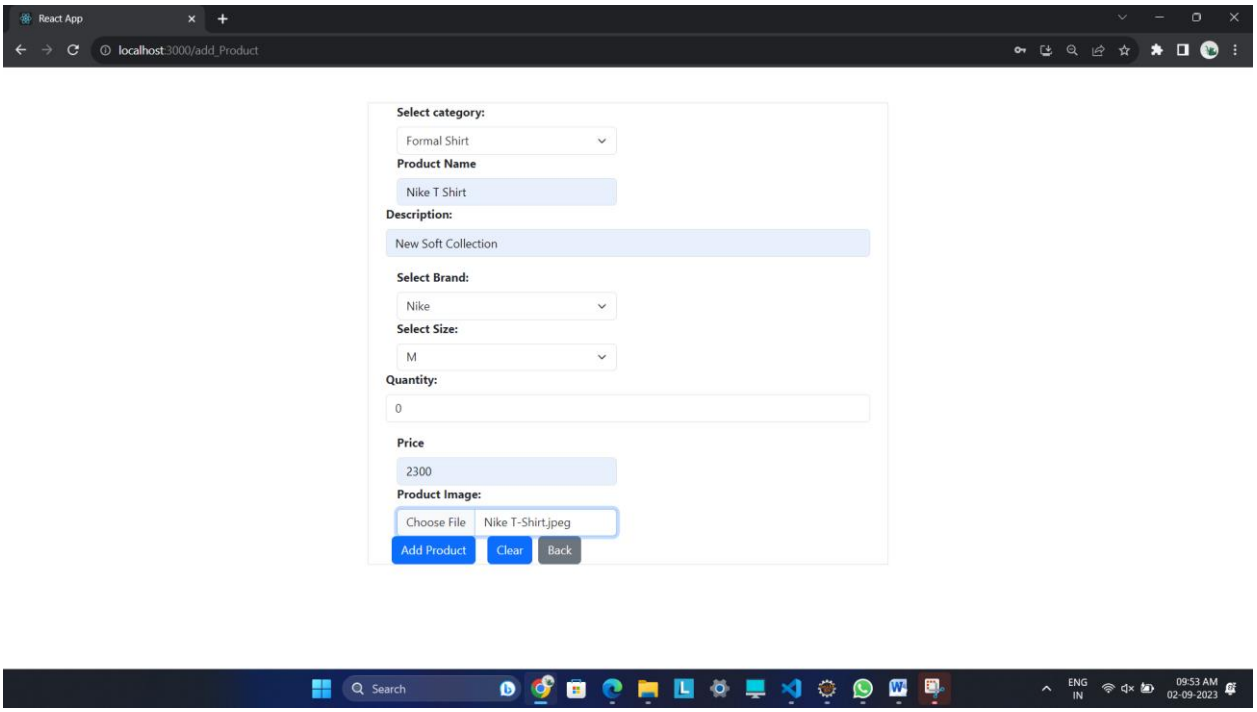
To login to vendor account the vendor needs an account he needs an email and password to login to the vendor section. After successfully login to the application he can perform the following activities:

1. Add Products
2. View Products List
3. View Out Of Stock Products



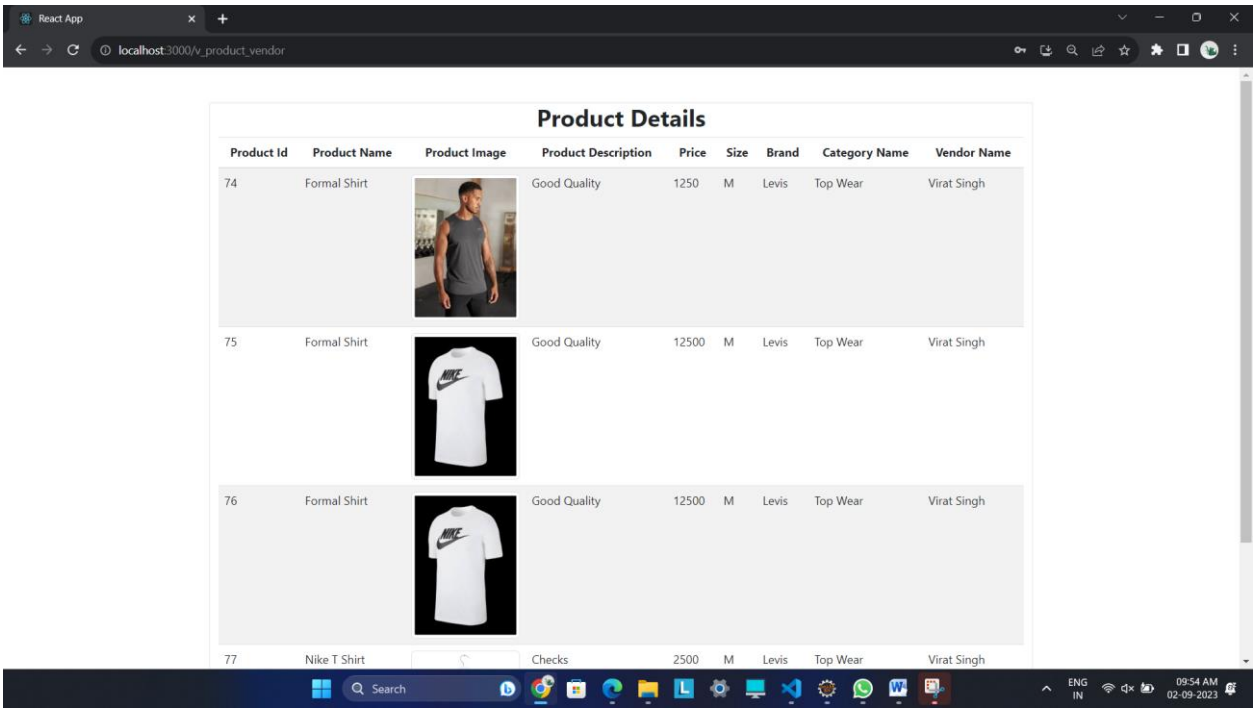
I. Add Products:

The shopping cart project contains different kind of products. The products can be classified into different categories by name. Vendor can add new products into the existing system with all its details including an image. After adding the products he can see the list of added products into view products tab.



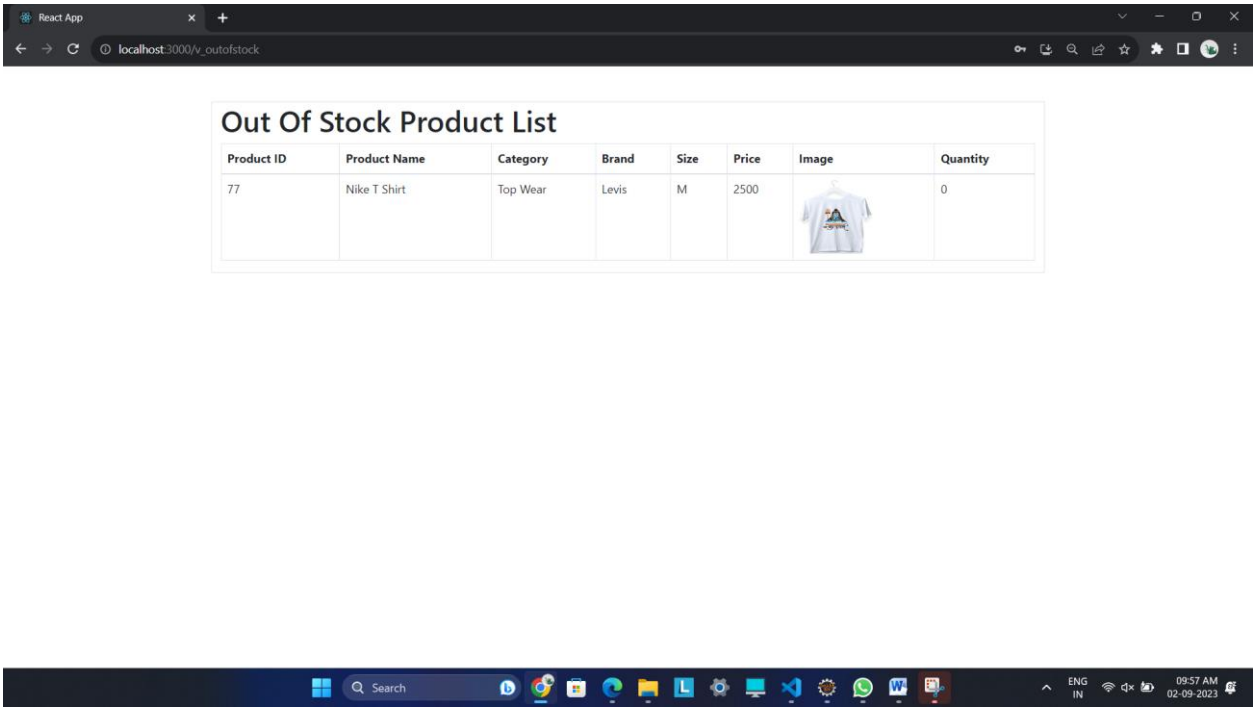
II. View Products:

After product gets added the vendor can see all the products into view products tab.To see the list of products vendor need to navigate to the view products.



Product List Page:

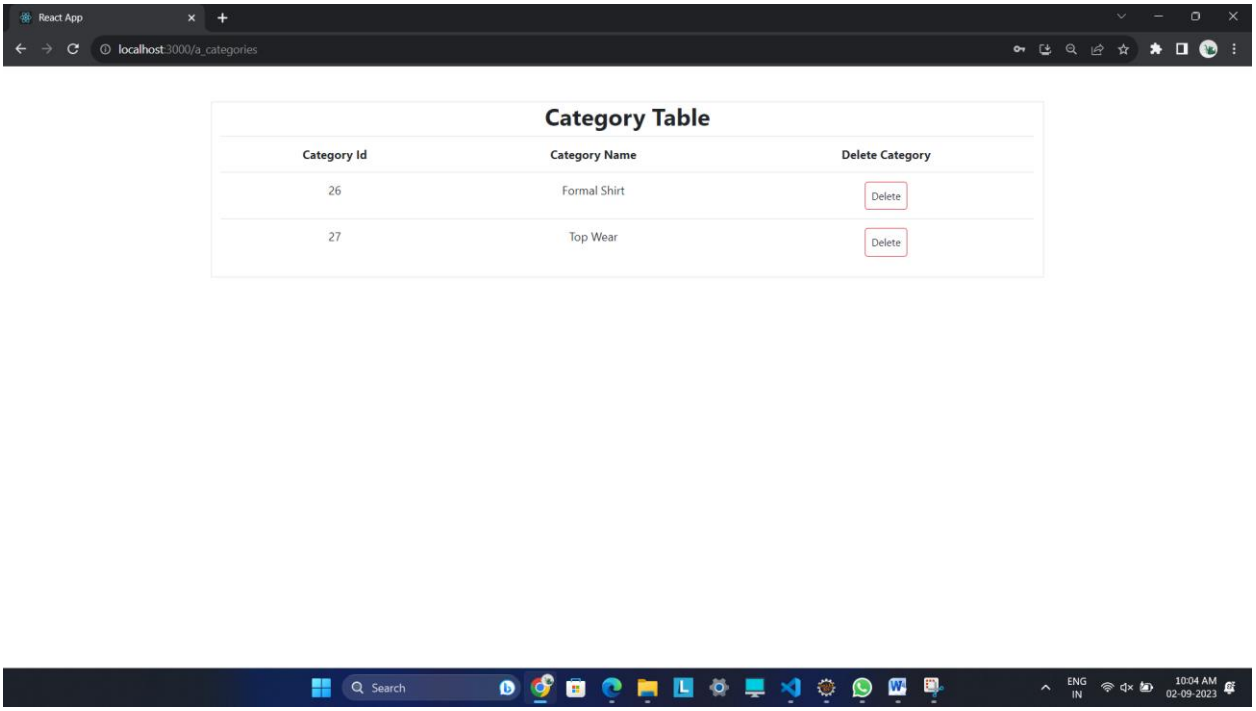
Product list page is used here to show the all products to user. In First choice website we create three parts as we know user, admin and vendor below images are shows product list to all parts.



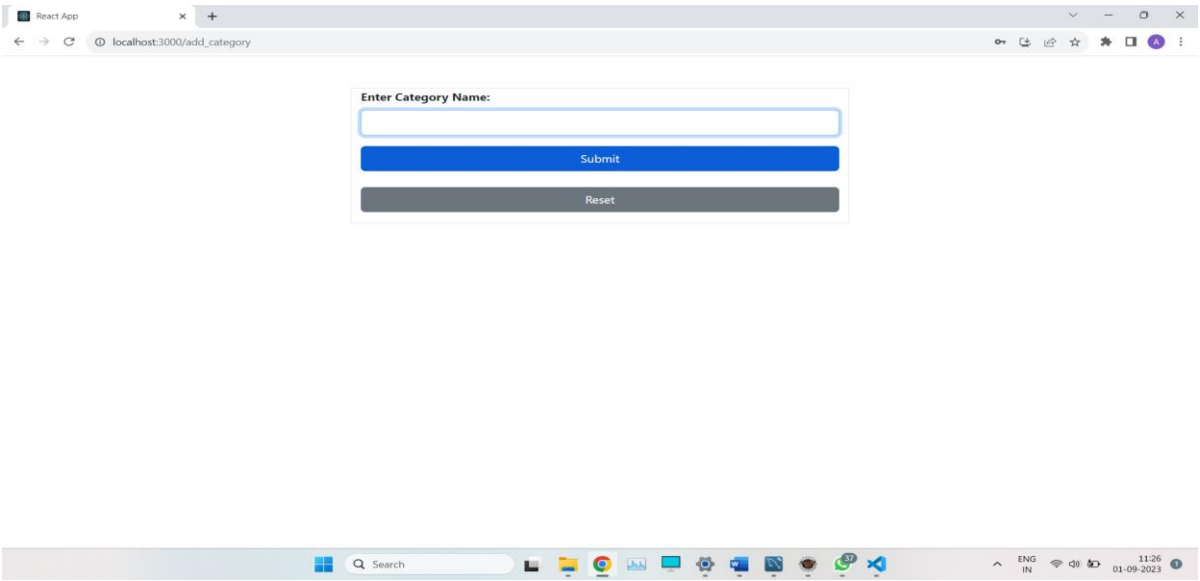
Category Page

In this page we shows the all category to user when admin is allow to add products in website to vendor. Mostly raw and stitched category for user and admin and vendor shown in below pages.

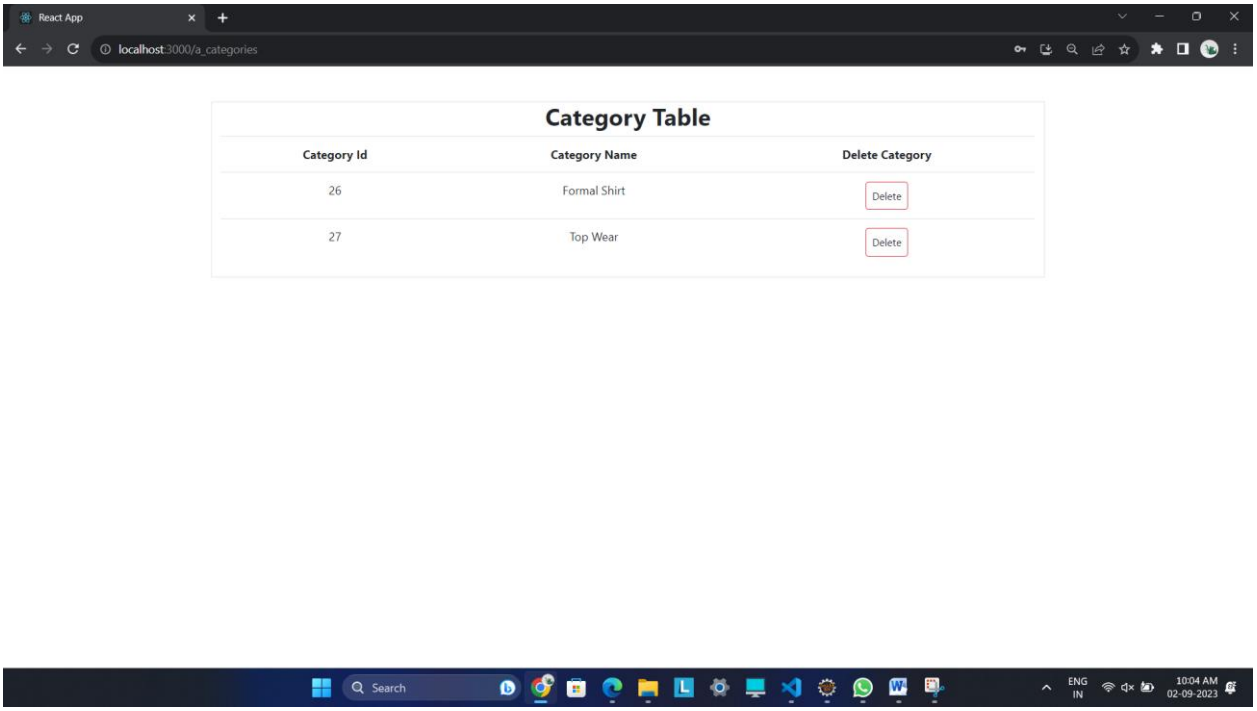
User category page:



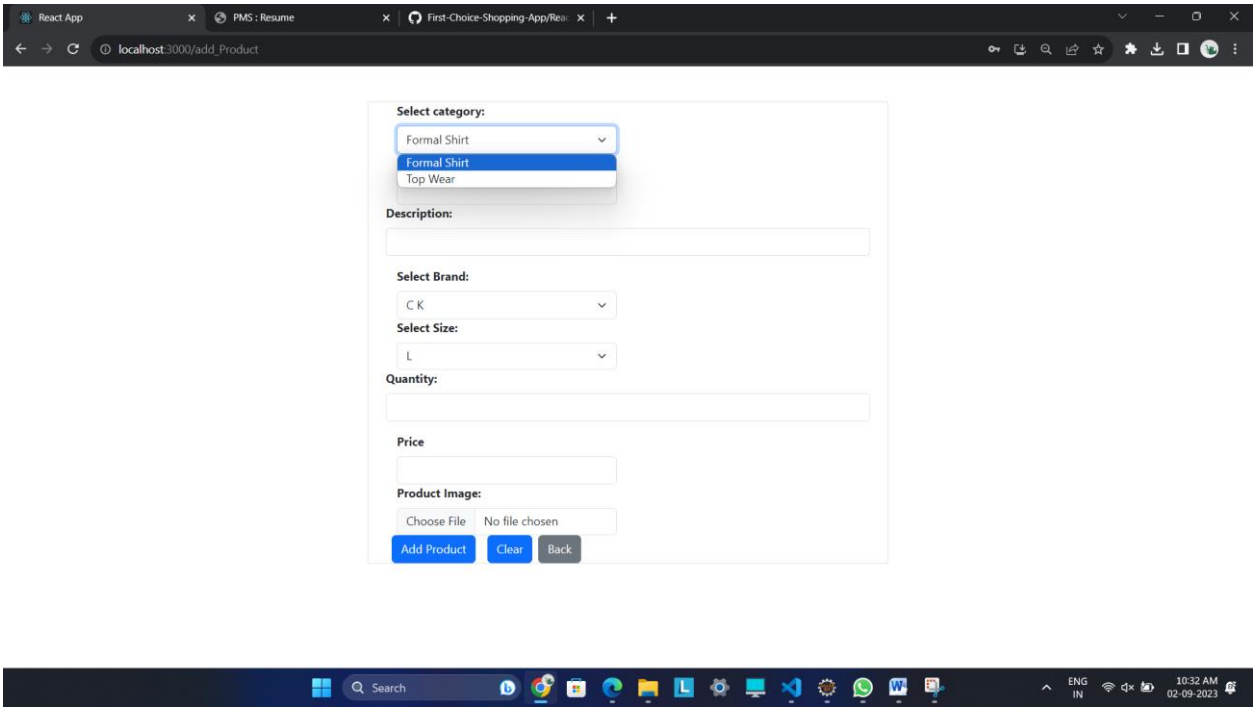
Add category page:



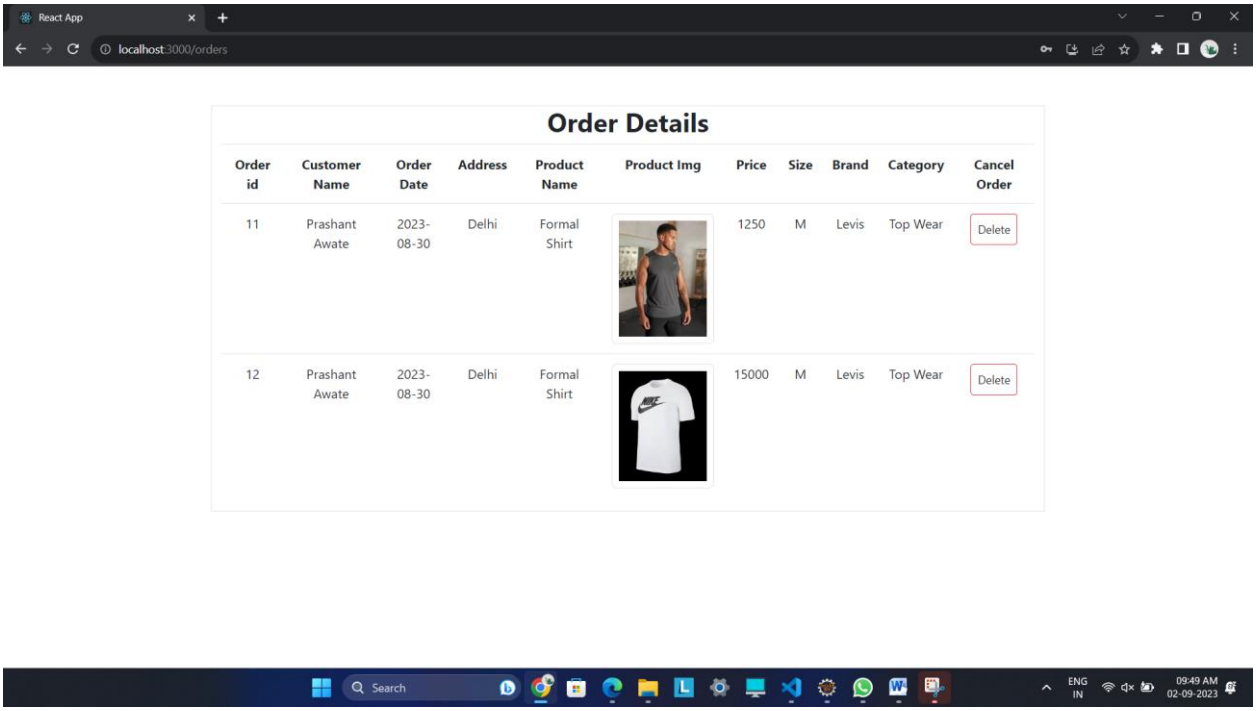
Admin category page:



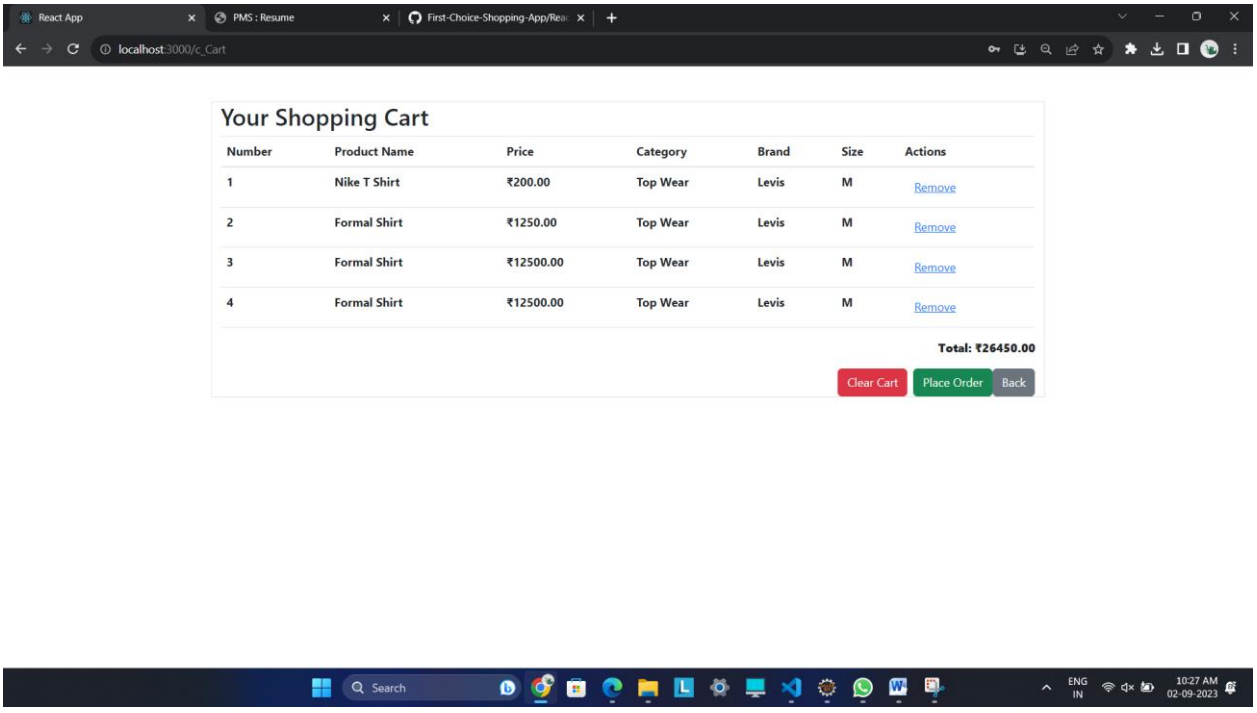
Vendor product category page:



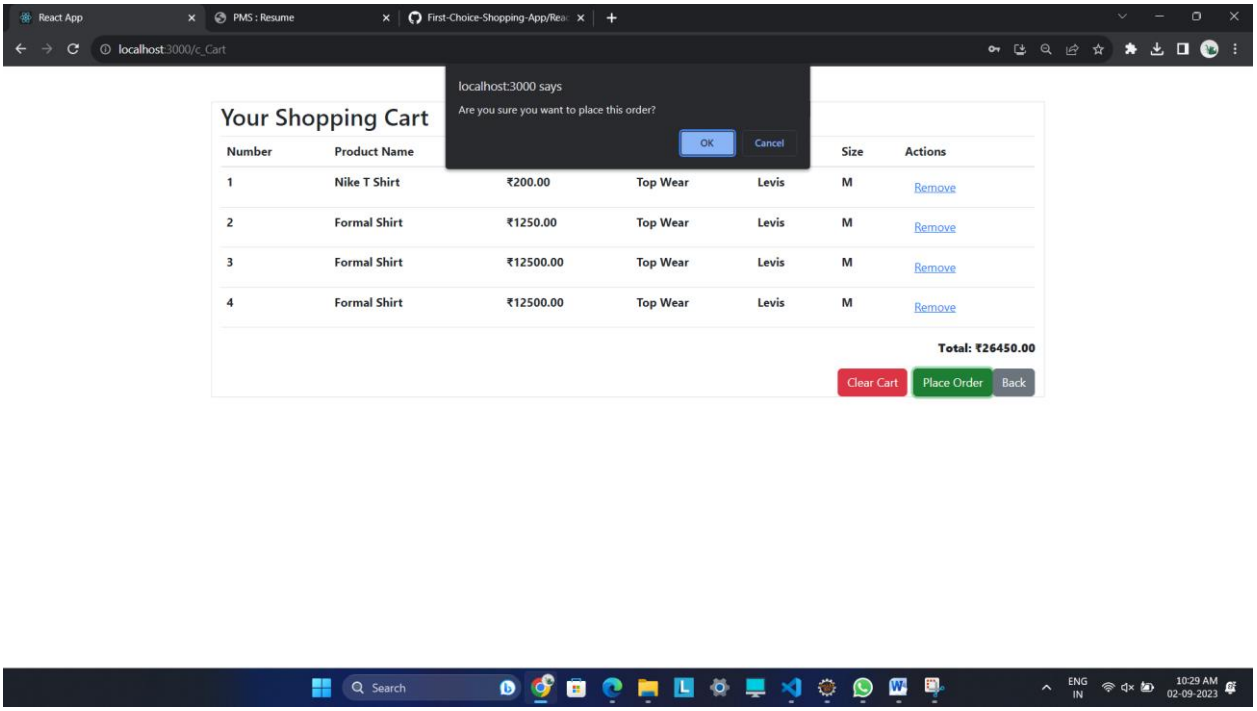
Admin side order page list:



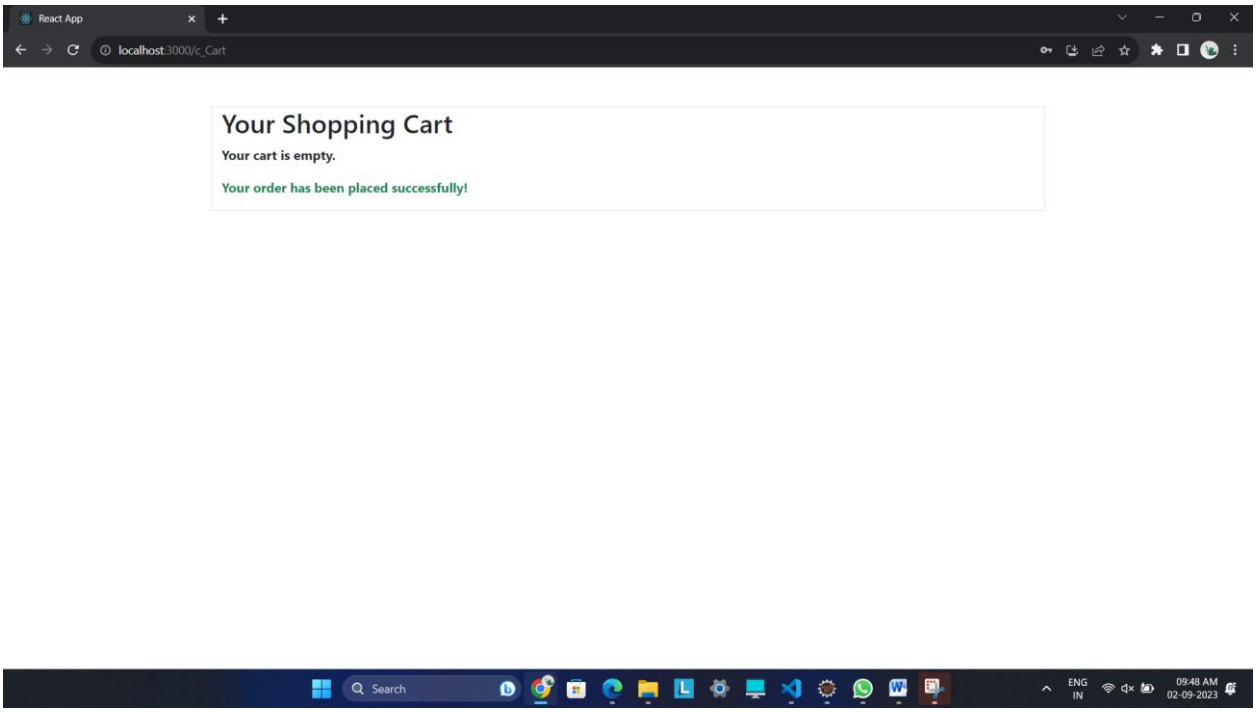
Cart Item:



Place order page:



Order successfully placed page:



CONCLUSION

Technology has made significant progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come. It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided a practical knowledge of not only programming in HTML, CSS, React and JAVA web-based application. It also provides knowledge about the latest technology used in developing web enabled application and client-server and vendor technology that will be in great demand in the future. This will provide better opportunities and guidance in the future in developing projects independently.

Future Scope:

- Any user can customize their cloths by using our website.
- We will use it for managing their location package details.
- To increase the user compatibility, we can use SMS and Email services.
- Reusability of this application is also possible.

References:

- https://reactjs.org/
- https://docs.spring.io/spring-boot/docs/current/reference/htmlsingle/
- https://www.baeldung.com/spring-boot-react-crud
- https://www.freecodecamp.org/news/learn-react-by-building-an-ecommerce-site/
- https://stackoverflow.com/