



Raj Kumar Goel Institute of Technology

Department of Computer Science Engineering & Technology

5th KM. STONE, DELHI-MEERUT ROAD, GHAZIABAD (U.P)-201003

MINI PROJECT PRESENTATION (KCS-554) ON “ SHOPPER : AN E- COMMERCE ”

Students

Vivek Kumar Maurya (2100330100249)

Yash Kumar Singh (2100330100253)

Vivek Singh (2100330100251)

Under the Guidance of

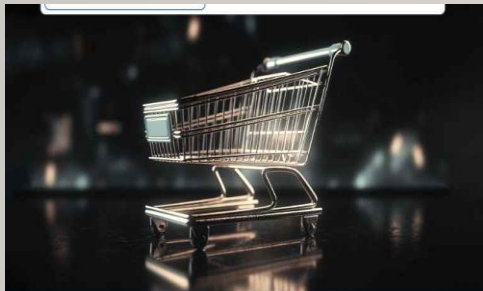
Mr. Vineet Srivastava

Assistant Professor

Department of CSE

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INTRODUCTION

"SHOPPER" - YOUR ULTIMATE E-COMMERCE DESTINATION

- † "Shopper" Debut: Unveiling a revolutionary e-commerce site that transcends the ordinary – a digital fashion haven promising style and simplicity.
- † Immersive Journey: Beyond products, "Shopper" crafts a tailored shopping experience, inviting you to explore thoughtful features and a seamlessly integrated design.
- † Tech Powerhouse: Running on Express and MongoDB, our platform blends aesthetic appeal with a secure and efficient engine, delivering reliability and a touch of innovation.
- † Adaptive Design: Experience the magic of a responsive interface that adapts to your lifestyle, providing a dynamic and user-friendly online shopping environment.
- † Reliable & Secure: More than just a website, "Shopper" assures data security and reliability, setting the stage for an exciting future in online fashion exploration.

OBJECTIVE

Introduce "Shopper"
E-commerce Platform.

Highlight User Authentication.

Showcase Category Pages..

Display Total Amount in Cart.

Discuss Backend Technologies and
Data Persistence..

LITERATURE SURVEY

1. E- Commerce Trends

Current and emerging trends in the e-commerce industry

2. Customer Behavior

Understanding how customer shop Online

3. Competitor Analysis

Analyzing the strategies of e-commerce platform

4. Importance of User Experience

Positive user experience drives customer satisfaction and loyalty

METHODOLOGY

1. Initiation:

~Define project goals and engage stakeholders.

2. Requirement Analysis:

~Develop user stories and gather client input.

3. Technology Stack:

~Choose ReactJS, Express, and MongoDB for development.

4. Design:

~Create wireframes, design UI/UX, and build prototypes.

5. Development:

~Code frontend (ReactJS) and backend (Express, MongoDB).
~Conduct unit and integration testing.

6. User Authentication:

~Implement secure sign-up/login with encryption.

7. Category Pages and Cart:

~Create intuitive category pages.
~Implement cart management with real-time updates.

8. Testing:

~Conduct thorough testing, including UAT.

9. Deployment:

~Deploy on a secure and scalable cloud platform.

10. Documentation:

~Prepare technical documentation and user guides.

11. Launch and Post-Launch:

~Officially launch and provide ongoing support.

12. Feedback and Iteration:

~Gather user feedback and implement iterative updates

HARDWARE & SOFTWARE USE

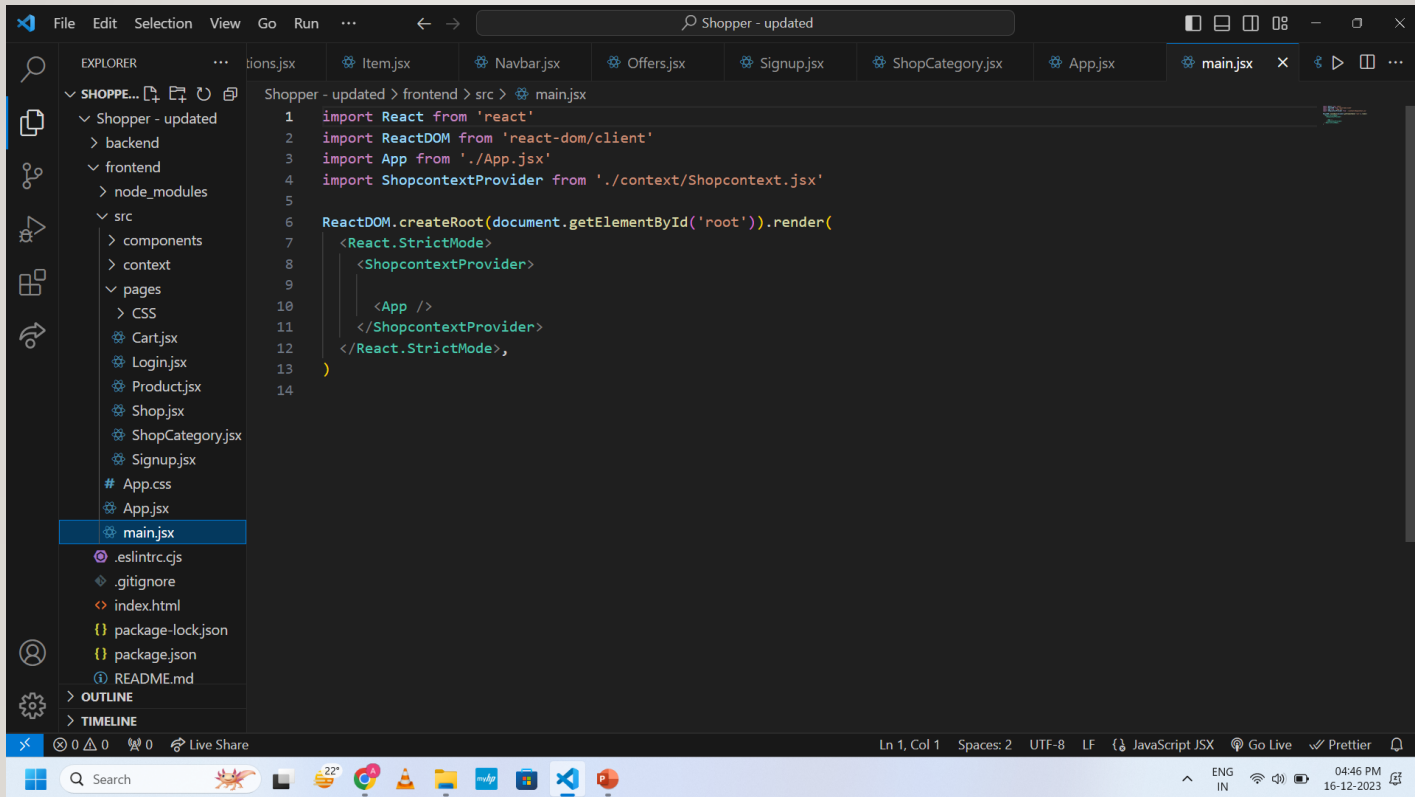
**REACT
JS**

**NODE
JS**

**EXPRESS
JS**

MONGODB

SCREENSHOTS OF PROJECT



The screenshot displays the Visual Studio Code (VS Code) editor interface. The Explorer panel on the left shows the project structure for 'Shopper - updated', which includes a 'frontend' directory containing 'src' and 'pages' subdirectories. The 'main.jsx' file is selected in the Explorer and is also open in the editor. The editor shows the following code:

```
1 import React from 'react'
2 import ReactDOM from 'react-dom/client'
3 import App from './App.jsx'
4 import ShopcontextProvider from './context/Shopcontext.jsx'
5
6 ReactDOM.createRoot(document.getElementById('root')).render(
7   <React.StrictMode>
8     <ShopcontextProvider>
9       <App />
10    </ShopcontextProvider>
11  </React.StrictMode>,
12)
```

The status bar at the bottom indicates the file is 'main.jsx' at line 1, column 1, with 2 spaces, using UTF-8 encoding and LF line endings. It also shows the file is a JavaScript JSX file and is being formatted by Prettier. The system tray at the bottom right shows the date and time as 04:46 PM on 16-12-2023.

Shopper - updated

Shopper - updated > frontend > src > App.jsx > App

```
8 import Shop from './pages/Shop';
9 import Cart from './pages/Cart';
10 import Signup from './pages/Signup';
11 import Footer from './components/footer/Footer';
12 import men_banner from './components/assets/banner_mens.png';
13 import women_banner from './components/assets/banner_women.png';
14 import kid_banner from './components/assets/banner_kids.png';
15 import Login from './pages/Login';
16 function App() {
17
18
19   return (
20     <div>
21       <BrowserRouter>
22         <Navbar />
23         <Routes>
24           <Route path="/" element={<Shop />} />
25           <Route path="/mens" element={<ShopCategory banner={men_banner} category="men" />} />
26           <Route path="/womens" element={<ShopCategory banner={women_banner} category="women" />} />
27           <Route path="/kids" element={<ShopCategory banner={kid_banner} category="kid" />} />
28           <Route path="/product" element={<Product />} />
29           <Route path="/product/:productId" element={<Product />} />
30         </Route>
31         <Route path="/cart" element={<Cart />} />
32         <Route path="/signup" element={<Signup />} />
33         <Route path="/login" element={<Login />} />
34       </Routes>
35       <Footer />
36     </BrowserRouter>
37   </div>
```

Ln 17, Col 1 Spaces: 2 UTF-8 LF JavaScript JSX Go Live

Shopper - updated

Shopper - updated > frontend > src > pages > Shop.jsx > Shop

```
1 import React from 'react'
2 import Hero from '../components/Hero/Hero'
3 import Popular from '../components/popular/popular'
4 import Offers from '../components/offers/Offers'
5 import Newcollections from '../components/Newcollections/Newcollections'
6 import Newsletter from '../components/newletter/Newsletter'
7
8 const Shop = () => {
9   return (
10     <div>
11       <Hero />
12       <Popular />
13       <(alias) const Newsletter: () => React.JSX.Element
14       <import Newsletter
15       <Newsletter />
16     </div>
17   )
18 }
19
20 export default Shop
21
```

Shopper - updated

- backend
- frontend
 - node_modules
 - src
 - components
 - context
 - pages
 - CSS
 - Cart.jsx
 - Login.jsx
 - Product.jsx
 - Shop.jsx
 - ShopCategory.jsx
 - Signup.jsx
- # App.css
- App.jsx
- main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md

UTLINE

MELINE

Ln 15, Col 23 Spaces: 4 UTF-8 CRLF JavaScript JSX Go Live

Search

22°

16

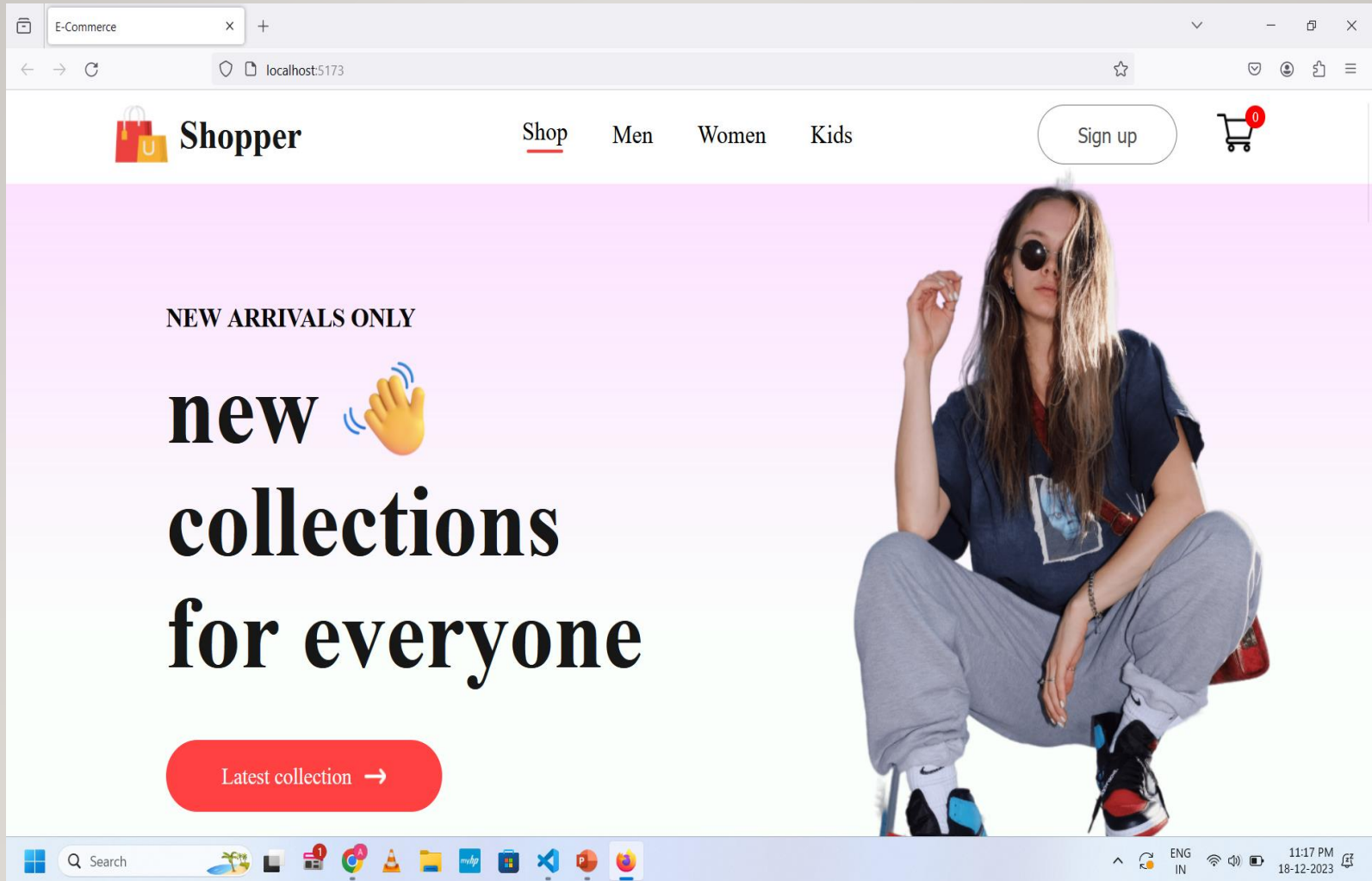
Shopper - updated

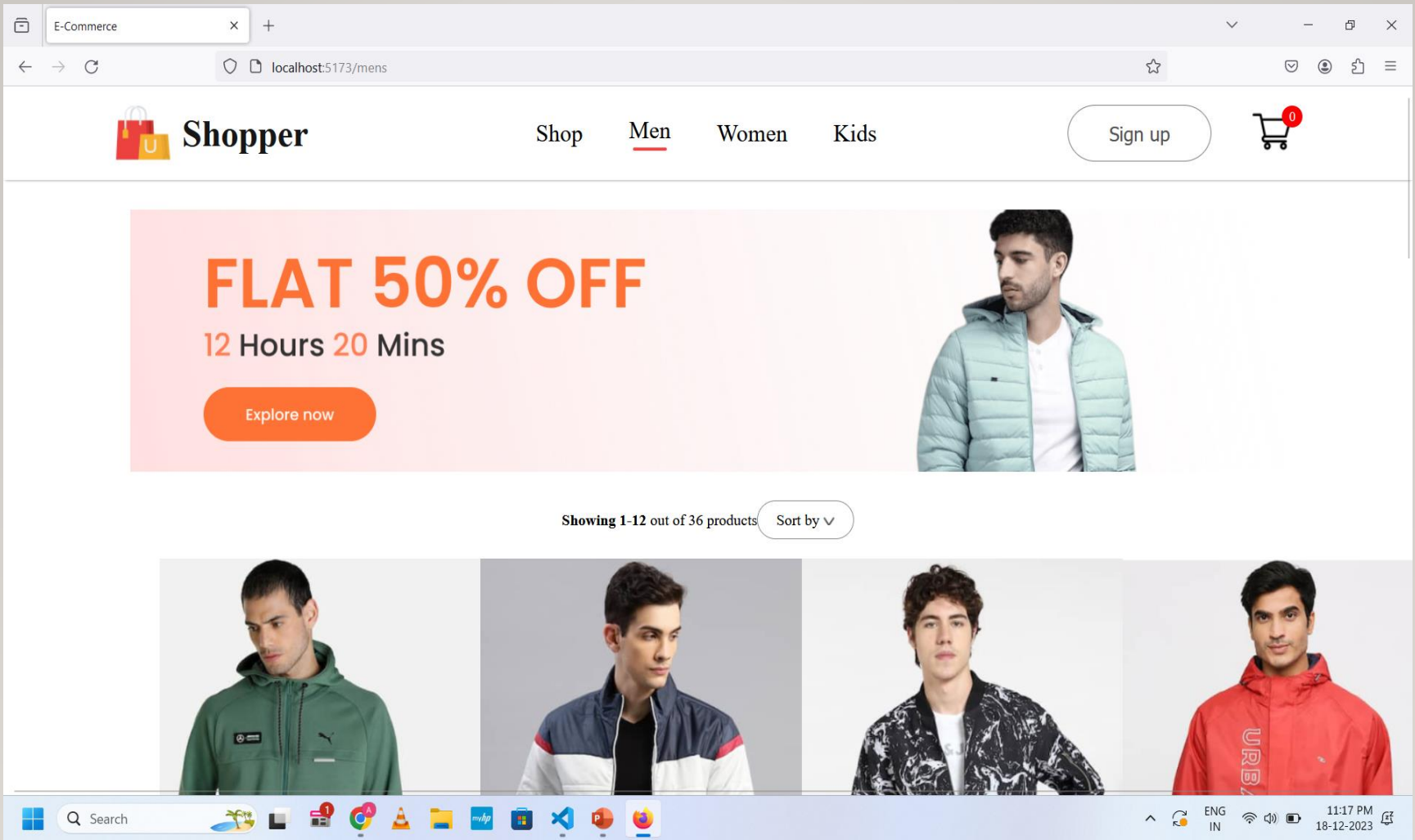
Shopper - updated > frontend > src > pages > Login.jsx > ...

```
1 import React, { useState } from 'react'
2 import './CSS/loginsignup.css'
3 import { Link, useNavigate } from 'react-router-dom'
4 import axios from 'axios'
5 const LoginSignup = () => {
6
7
8     const [email , setemail] =useState('')
9     const [password , setpassword] =useState('')
10    const navigate = useNavigate()
11    (parameter) e: any
12    const handlesubmit =(e) =>{
13        e.preventDefault()
14        axios.post('http://localhost:3001/login',{email,password})
15        .then(result => {console.log(result)
16            if(result.data === "success"){
17                alert("you are sucessfull logged in")
18                navigate('/')
19            } else{
20                alert("wrong details")
21            }
22        })
23    }
24    .catch(err => console.log(err))
25
26
27    return (
28        <div className='loginsignup '>
29            <div className="loginsignup-container">
30                <h1>Login</h1>
```

Ln 1, Col 1 Spaces: 2 UTF-8 CRLF JavaScript JSX Go Live



Search





E-Commerce

localhost:5173/cart

Products	Title	Price	Quantity	Total	Remove
	Striped Flutter Sleeve Overlap Collar Peplum Hem Blouse	\$85	1	\$85	×
	Men Green Solid Zippered Full-Zip Slim Fit Bomber Jacket	\$85	1	\$85	×

Total Amount

Subtotal

\$170

Shipping Fee

Free

Total

\$170


if you have a promo code , Enter it here

promo code

Submit

PROCEED TO CHECKOUT

Search



ENG IN

11:18 PM 18-12-2023

REFERENCES

1. FRONTEND

GreatStackDev :

YouTube:

<https://www.youtube.com/@GreatStackDev>

2. BACKEND

CodeWithHarry:

YouTube:

<https://www.youtube.com/c/CodeWithHarry>

3. SIGNUP AND LOGIN

codingstar6809:

YouTube:

<https://www.youtube.com/@codingstar6809>