TRADOSHOP

DSN 2098
PROJECT EXHIBITION II
Group: 23

MEMBERS

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Open 24 hours, 7 days a week, and all year round E-commerce is a trade that is carried out electronically
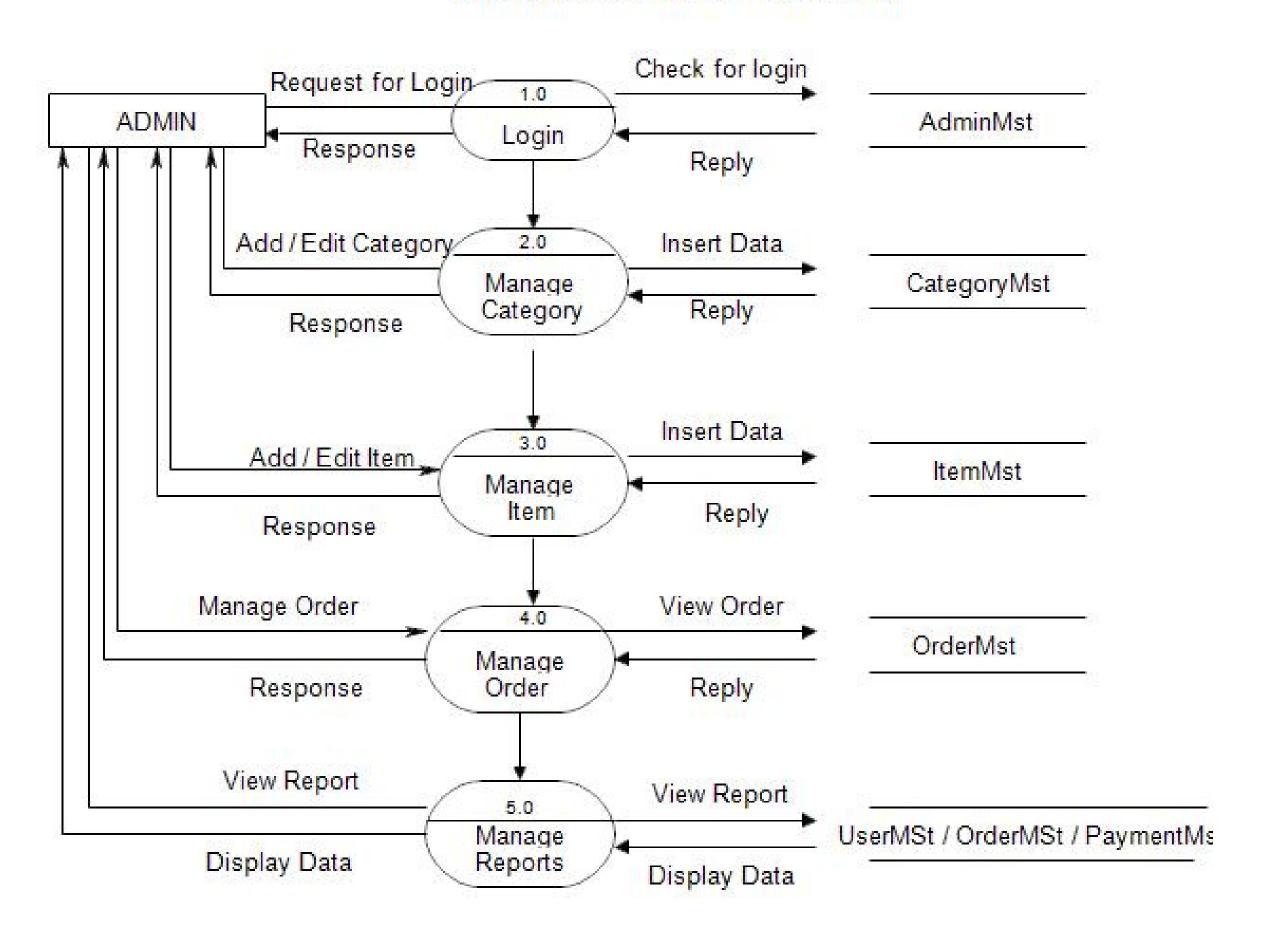
- Our main focus is to build an e- commerce website that will be specially designed for promoting Indian Culture, small businesses and workers.
- We will provide a platform to these small business workers to sell their products on large scale with a great profit.
- From our website these workers not only can sell their but also can spread the variety in all regions.
- Create a set of requirements for a Website CMS (content management system) for small businesses based on research.
- Build and test a prototype of a Website CMS for small businesses based on the requirements found.
- Knowing when an item was saved or not saved in the shopping cart.
- Returning to different parts of the site after adding an item to the shopping cart.
- Easy scanning and selecting items in a list.
- Effective categorical organization of products.
- Simple navigation from the home page to information and order links for specific products.
- Obvious shopping links or buttons.
- Minimal and effective security notifications or messages.
- Consistent layout of product information.

OBJECTIVE

Problem - Statement

- Allow customers to browse and purchase products online

- Provide a user-friendly and visually appealing interface for customers to navigate and search for products ,implement a chatbot for more interaction.

- Allow for secure and convenient payment options

- Provide a way for customers to track their orders and view order history

- Offer customer support and assistance with any issues or concerns

- Continuously update and improve the website to enhance the user experience and increase sales

- Managing inventory and updating products and prices

- Providing shipping and delivery options

- Providing customer reviews and ratings

- Providing a way for customers to save items for future purchase
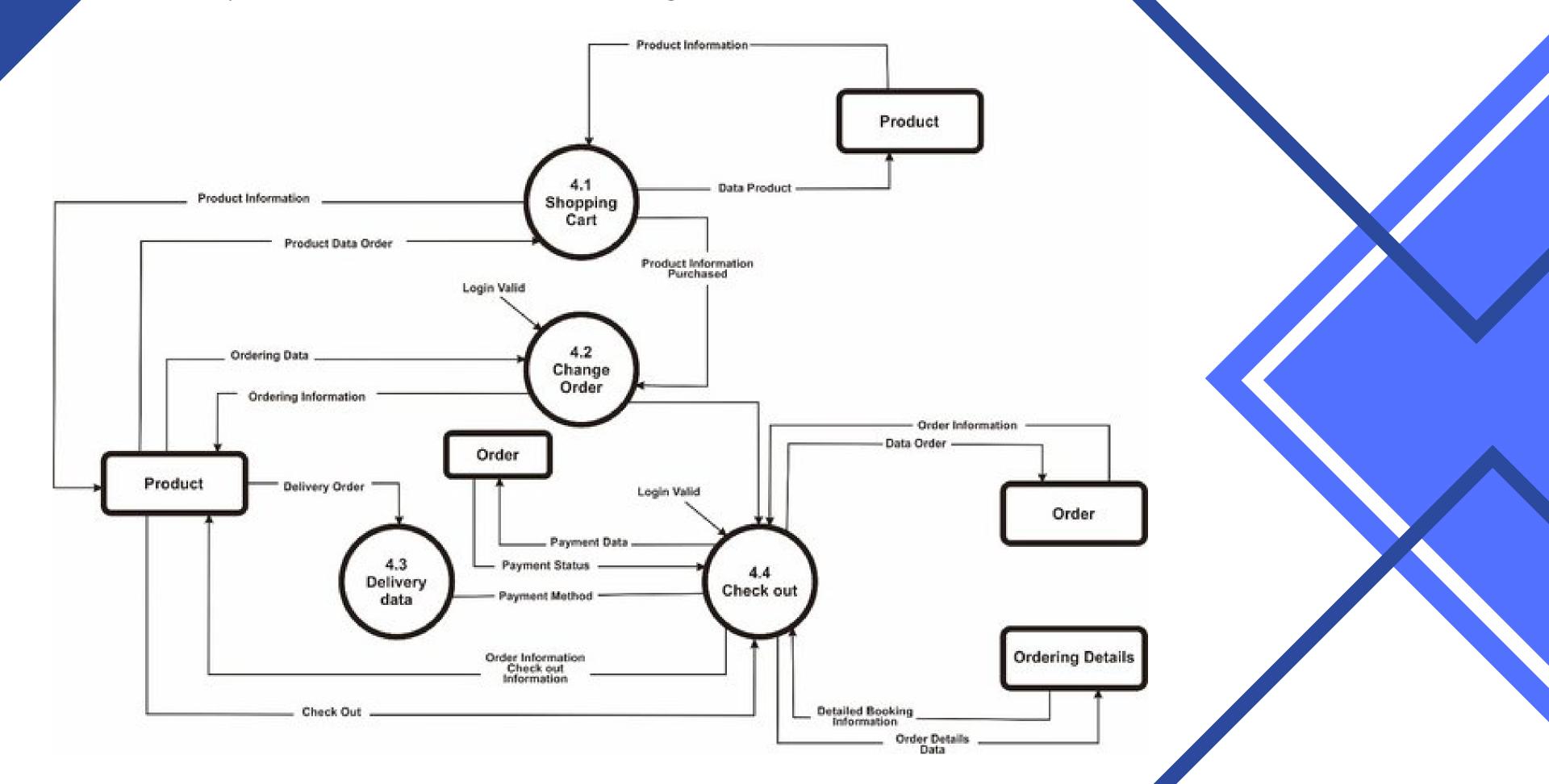
- Managing returns and refunds

System Architecture Diagram First Level...

Admin Side DFD - 1st Level

System Architecture Diagram Second Level...
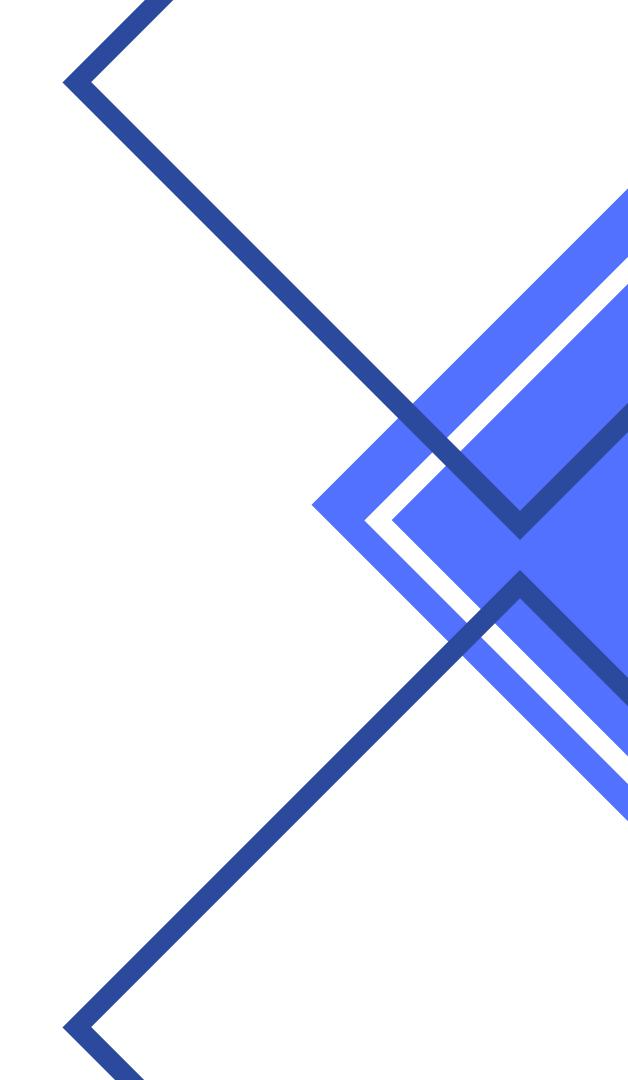
Module Split-Up & Explanation

Module Split-Up...

- **Homepage:** This is the first page customers will see when visiting our website. It will show the feature of a visually appealing design and easy navigation. It will also include information about new items, featured items, and popular categories for new arrivals, and a module for top-selling items can be created. Additionally, it can also be used to display promotions, discount codes, and special deals. This helps customers quickly find what they are looking for and encourages them to make a purchase.

- **Item-Catalog:** This module allows customers to browse and search for traditional items. It should include a variety of ways to filter and sort items, such as a module for traditional clothing, a module for traditional jewelry, and a module for home goods can be created. This will also help filter and sort items by different parameters such as price, brand, color, size, etc. It will also display featured products, new arrivals, and top-selling items, which helps customers quickly find what they are looking for.

Module Split-Up…

- **Item Details:** This module provides customers with detailed information about a specific item, including images, descriptions, reviews, authenticity certification, information about the artisans who made the item, and background information about the traditional item.
- Additionally, modules can also be used to display related products. This helps customers make an informed decision about their purchase and encourages them to make a purchase. It also allows website owners to track the performance of each product separately and make data-driven decisions. Modules also allow for easy comparison of different products by keeping all the information in one place.

- **Shopping Cart:** This module allows for easy access to items that the customer has added to their cart and the total cost of their purchase. Additionally, modules can also be used to display the shipping costs, tax, and any discounts or promotions that are applied.
- Modules also allow for easy management of the customer's cart, such as the ability to update the number of items, remove items, and save items for later. It also allows customers to apply coupon codes or other discounts, and see the impact on the total cost.

Module Implementation and Demo

Module 1: **Product Information Management.**

The product information management (PIM) module contains all the information related to the products in the e-commerce catalog. Some of the information managed by PIM includes

1. Title
2. Descriptions
3. Attributes
4. Technical specifications
5. Images

PIM also handles the relationships between your products. This allows you to segment the display of products, making it easier for customers to search for the items they are looking for.

The software connects to other applications through APIs. This allows the other parts of your e-commerce system to search and retrieve important product data.

Module 2: **Content management system**

Content management systems (CMS) give e-commerce businesses the ability to create, edit, and publish the content on their website. With a CMS you can customize your website presentation by modifying the layout of your product pages, homepage, or any other part of the online store.

With a modular architecture, the CMS is headless. Instead of being attached to the e-commerce platform or other backend components, it simply makes content available via RESTful APIs. This is essential to creating memorable customer experiences. The headless CMS allows you to create different frontend experiences for different use cases.

Module 3: **Shopping cart and checkout**

- The shopping cart allows customers to select and hold the products they wish to purchase. It tracks the user's session, allowing them to leave the site and come back later with items still in their cart.

- During the checkout process, the cart collects the customer's payment information. This information is passed to the third-party payment processor. The details of the order are sent to other modules like the order management system (OMS), inventory management system, and customer relationship management (CRM) system.

- for Database connectivity , we will be using Firebase.it offers NoSQL an real time hosting of databases, content , social authentication, and notifications

SOME PART OF HTML CODE

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Online Shopping site for Indian Traditional Handicrafts, Men and Women clothing, Best Offers</title>
    <link rel="icon" href="\images\icon for website.png" type="image/x-icon">
    <link href="style.css" rel="stylesheet">
    <script src="https://kit.fontawesome.com/1024979679.js" crossorigin="anonymous"></script>
    <link href="https://fonts.googleapis.com/css2?family=Robot&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.1.1/css/fontawesome.min.css">
</head>
<body>
    <!-----Header section--->
    <h1>TradoShop E-Commerce Website</h1>
    <header>
    <div class="header-left">
        <a href="#">TradoShop</a>
        <div class="header-left-p">
            <p><a href="#">Explore</a><span><b><i>Gift<i class="fa-solid fa-gift"></i></i></b></span>  </p>
        </div>
    </div>
    <div class="header-center">
        <input class="header-center-input" type="text" placeholder="Search for Clothes, footwear and more"><i class="fa-solid fa-magnifying-glass"></i>
    </div>
    <!----Login Button, more ---->
    <div class="login">
        <a href="#" class="login-btn">Login</a>
        <div class="login-dropdown none">
            <ul class="login-dropdown-list">
                <li class="login_drop_li sign-li-flex">
                    <p class="new-login">New Customer</p>
                    <a href="#" class="sign-up">Sign_up</a>
                </li>
                <li class="login_drop_li"><i class="fa-solid fa-circle-user"></i>My Profile</li>
                <li class="login_drop_li"><i class="fa-solid fa-square-plus"></i>TradoShop Plus </li>
                <li class="login_drop_li"><i class="fa-solid fa-bag-shopping"></i>Order</li>
                <li class="login_drop_li"><i class="fa-solid fa-heart"></i>Wishlist</li>
                <li class="login_drop_li"><i class="fa-solid fa-money-bill-1"></i>Rewards</li>
                <li class="login_drop_li"><i class="fa-solid fa-gift"></i>Gift Cards</li>
            </ul>
        </div>
    </div>
```

```html
        <div class="more">
            <span class="more-lan">More<i class="fa-solid fa-angle-down"></i></span>
            <div class="more-dropdown none">
                <div class="pointer-more-pointer"></div>
                <ul class="login-dropdown-list">


                    </li>
                    <li class="login_drop_li"><i class="more-icon fa fa-bell"></i>Notification</li>
                    <li class="login_drop_li"><i class="more-icon fa fa-shopping-basket"></i>Sell on TradoShop</li>
                    <li class="login_drop_li"><i class="more-icon fa fa-question"></i>24x7 Customer Care</li>
                    <li class="login_drop_li"><i class="more-icon fa fa-line-chart"></i>Advertise</li>

                </ul>
            </div>
        </div>
        <!---cart-->
        <span class="cart_lan"><i class="fa-solid fa-cart-shopping">Cart</i></span>

</header>
<!---Category Section-->
<section >
 <div class="category-row">
    <div class="category-col">
        <img src="\images\cooect category icon.png" alt="">
        <h5 class="dropbtn">Top Offers</h5>
        <div class="dropdown">
            <div class="dropdown-content">
                <div class="header"></div>
                <div class="row">
                    <div class="col">
                        <h3 class="product-title">Clothes</h3>
                        <a href="#">Traditional Sarees</a>
                        <a href="#">Chaniya Choli</a>
                        <a href="#">Kurta-Payjama</a>
                    </div>
                    <div class="col">
                        <h3 class="product-title">Footwear</h3>
                        <a href="#">Punjabi Jutti</a>
                        <a href="#">Kohlapuri Chappal</a>
                        <a href="#">Jutti</a>
                    </div>
                    <div class="col">
                        <h3 class="product-title">Home Decore</h3>
                        <a href="#">Sculptures</a>
                        <a href="#">Handmade Things</a>
```

```html
                    <div class="col">
                        <h3 class="product-title">Clothes</h3>
                        <a href="#">Traditional Sarees</a>
                        <a href="#">Chaniya Choli</a>
                        <a href="#">Kurta-Payjama</a>
                    </div>
                    <div class="col">
                        <h3 class="product-title">Footwear</h3>
                        <a href="#">Punjabi Jutti</a>
                        <a href="#">Kohlapuri Chappal</a>
                        <a href="#">Jutti</a>
                    </div>
                    <div class="col">
                        <h3 class="product-title">Home Decore</h3>
                        <a href="#">Sculptures</a>
                        <a href="#">Handmade Things</a>
                        <a href="#">Paintings</a>
                    </div>
                    <div class="col">
                        <h3 class="product-title">Jwellery</h3>
                        <a href="#">Gujrati gems</a>
                        <a href="#">Kohlapuri Jwellery</a>

                    </div>

                </div>
            </div>
        </div>
    </div>
    <div class="category-col">
        <img src="\images\nicon.png" alt="">

        <div class="dropdown">
            <h5 class="dropbtn">Maharashtra</h5>
            <div class="dropdown-content">
                <div class="header"></div>
                <div class="row">
                    <div class="col">
                        <h3 class="product-title">Clothes</h3>
                        <a href="#">Traditional Sarees</a>
                        <a href="#">Chaniya Choli</a>
                        <a href="#">Kurta-Payjama</a>
                    </div>
```

```html
<div class="card">
    <div class="common-heading">
        <div class="common-heading-left">
            <h1>Deals of the Day <i class="fa-solid fa-timer"></i> </h1>
        </div>
        <div class="common-heading-right">
            <button>View All</button>
        </div>
    </div>
    <div class="commmon-row col-deals">
        <div class="common-col">
            <img src="\images\chaniya choli5.jpg" alt="" class="product-img">
            <h3 class="product-title">Clothing Essential</h3>
            <h4>Upto 80% off</h4>
            <h3>Top Selling</h3>
            <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">399</i></h6>
            <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
        </div>
        <div class="common-col">
            <img src="\images\mh peth sari 2.jfif" alt="" class="product-img">
            <h3 class="product-title">Peth Saari</h3>
            <h4>Upto 50% off</h4>
            <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">599</i></h6>
            <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
        </div>
        <div class="common-col">
            <img src="\images\chaniya choli9.jpg" alt="" class="product-img">
            <h3 class="product-title">Chaniya Choli</h3>
            <h4>Upto 80% off</h4>
            <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">549</i></h6>
            <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
        </div>
        <div class="common-col">
            <img src="\images\gj patola sari2.jfif" alt="" class="product-img">
            <h3 class="product-title">Patola Saari</h3>
            <h4>Upto 56% off</h4>
            <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">799</i></h6>
            <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
        </div>
        <div class="common-col">
            <img src="\images\fulkare 2.jfif" alt="" class="product-img">
            <h3 class="product-title">Fulkaris</h3>
            <h4>Upto 40% off</h4>
            <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">249</i></h6>
            <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
        </div>
        <div class="common-col">
            <img src="\images\ghangra.jfif" alt="" class="product-img">
            <h3 class="product-title">Ghagras</h3>
            <h4>Upto 65% off</h4>
            <h6>Traditional Ghagras & more</h6>
            <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">599</i></h6>
            <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
        </div>
        <div class="common-col">
            <img src="\images\dari 4.jfif" alt="" class="product-img">
            <h3 class="product-title">Handmade Dari</h3>
            <h4>Min 10% + Extra 20% off</h4>
            <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">499</i></h6>
            <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
        </div>

    </div>
</div>
</section>
<!------Home Decore-->
<section>
    <div class="card">
        <div class="common-heading">
            <div class="common-heading-left">
                <h1>Home Decore <i class="fa-solid fa-timer"></i> </h1><i class="fa-solid fa-timer"></i>
            </div>
            <div class="common-heading-right">
                <button>View All</button>
            </div>
        </div>
        <div class="commmon-row col-deals">
            <div class="common-col">
                <img src="\images\gj rogan painting3.jfif" alt="" class="product-img">
                <h3 class="product-title">Rogan Paintings</h3>
                <h4>Upto 80% off</h4>
                <h3>Top Selling</h3>
                <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">199</i></h6>
                <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
            </div>
            <div class="common-col">
                <img src="\images\home decore.jfif" alt="" class="product-img">
                <h3 class="product-title">Handicrafts</h3>
                <h4>Upto 50% off</h4>
                <h6 class="price">Starts from <i class="fa-solid fa-indian-rupee-sign">249</i></h6>
                <i class="fa-solid fa-bag-shopping" id="add-cart"></i>
            </div>
            <div class="common-col">
```

SOME PART OF CSS CODE

```css
*{
    margin: 0%;
    padding: 0%;
    box-sizing: border-box;
    font-family:   'Roboto', sans-serif;
}
/*-----Header Section-----*/
header{
    display:flex;
    justify-content: space-evenly;
    background-color: rgb(235, 235, 64);
    width:100%;
    height: 56px;
    position:sticky;
    top: 0px;
    z-index: 1;
}
.header-left{
    width: 20%;
    text-align: right;
    margin: 5px 0px;
    cursor: pointer;
}
.header-left a{
    color: rgb(51, 22, 38);
    font-size: 20px;
    text-decoration: none;
    font-weight: bold;
    font-style: oblique;
    letter-spacing: 1.5px;
}
.header-left-p a{
    font-size: 15px;
    letter-spacing: 1.5px;
}
.header-left-p span{
    color: crimson;
    font-size: 20px;
    letter-spacing: 1px;
}
.header-left-p:hover{
    text-decoration: underline;
    color: rgb(238, 246, 242);
}
```

```css
.header-center{
    width: 40%;
    text-align: left;
    line-height: 50px;
    cursor: pointer;
    padding-left: 20px;
    position: relative;
}
.header-center-input{
    margin-top: 10px;
    height: 36px;
    width: 90%;
    border: none;
    text-align: left;
    padding-left: 20px;
    cursor: auto;
    border-radius: 2px;
}

.fa-magnifying-glass{
    position: absolute;
    top: 36%;
    left: 80%;
    font-size: 18px;
    color: crimson;
}

/*---login button-----*/
.login{
    position: relative;
    left: 45px;
    margin-top: 17px;
}

.login-btn{
    color: crimson ;
    border-radius: 2px;
    border: 1px solid rgb(16, 3, 3);
    background: white;
    height:32px ;
    letter-spacing: 1px;
    padding: 6px 4px;
    font-weight: bold;
    margin:0px 20px;
    cursor: pointer;
    text-decoration: none;
    font-size: 16px;
```

```css
.more{
    position: relative;
    margin: 17px;
}
.cart{
    margin-top: 17px;
    margin-right: 60px;
}
.none{
    display: none;
}
.flex{
    display: flex;
}
.more-icon{
    color: crimson ;
    margin-left: 15px;
    padding: 20px;
}
.more-lan{
    color: rgb(86, 29, 29) ;
    cursor: pointer;
    font-size: 15px;
    padding: 20px;
}
.pointer{
    width: 20px;
    height: 20px;
    background: black;
    transform: rotate(45deg);
    position: relative;
    top: 10px;
    left: 80%;
}
.fa-angle-down:hover{
    transform: rotate(180deg);
}

.more-dropdown, .login-dropdown{
    position:relative;
    top: 15px;
}
.login-dropdown-list, .more-login-dropdown{
    position: absolute;
    list-style:none ;
    background-color: rgb(77, 185, 231);
    width: max-content;
    box-shadow: 0 4px 16px - rgb(16, 3, 3);
```

```css
.login-dropdown-list, .more-login-dropdown{
    position: absolute;
    list-style:none ;
    background-color: rgb(77, 185, 231);
    width: max-content;
    box-shadow: 0 4px 16px - rgb(16, 3, 3);
    min-width: 240px;
    transform: translate(-30px);
}

.login_drop_li{
    padding:10px 15px;
    border-bottom: 1px solid white;
    font-size: 14px;
    cursor: pointer;
}
.login_drop_li .fa-solid{
    color: rgb(9, 21, 32);
    padding-right:10px ;
}
.login_drop_li:hover{
    background: white;
}
.login_drop_li:first-child{
    padding:10px;
}
.login_drop_li:last-child:hover{
    color: rgb(4, 6, 7);
}
.login_drop_li:last-child{
    padding: 5px;
}
.login:hover .login-dropdown, .more:hover .more-dropdown{
    display: block;
}

.sign-up{
    text-decoration: none;
    color: darkblue;
}
.sign-up:hover{
    text-decoration: underline;
}
.sign-li{
    justify-content: space-between;
    font-size:14px ;
```
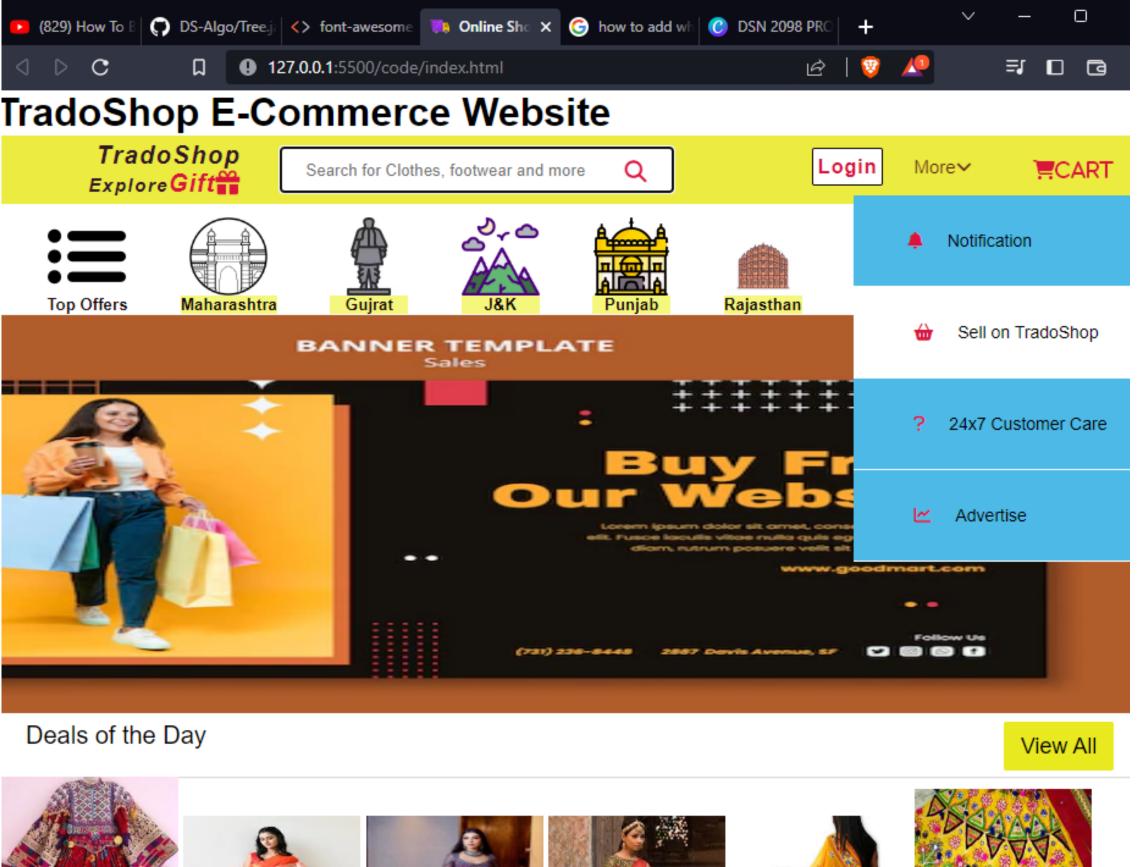
```css
.cart_lan .fa-cart-shopping{
    padding-right: 12px;
    padding-top: 20px;
    color: crimson;
    cursor: pointer;
}
 .category-row{
    display: flex;
    justify-content: space-evenly;
    width: 100%;
    height: auto;
    margin-top: 10px;
    text-align: center;
}
.category-col{
    padding: 1px;
    cursor: pointer;
    color: rgb(17, 6, 6);
}
.category-col img{
    width: 64px;
    height: 64px;
}
.category-col h5:hover{
    color: rgb(69, 87, 46);
}
/*-----Category-Dropdown-Section----*/
.dropdown{
    background-color: rgb(245, 247, 125) ;
}
.dropdown-content{
    display: none;
    position:absolute;
  width:fit-content;
  left: 0;
  box-shadow:0px 8px 16px 0px rgb(0,0,0,0.2) ;
  z-index: 1;


}
.dropdown-content .header{
    background-color: rgb(182, 142, 40);
    padding: 10px;
    color: aliceblue;
```

```css
.dropdown-content .header{
    background-color: rgb(182, 142, 40);
    padding: 10px;
    color: aliceblue;
}
.col{
    float: left;
    width: 33%;
    padding: 10px;
    background-color: aliceblue;
    height: auto;
}
.col a{
    float: left;
    color: black;
    padding: 8px;
    border-radius: 2px;
    display: block;
    text-align: left;
}
.col a:hover{
    background-color: rgb(211, 211, 62) ;
}
.dropdown:hover .dropdown-content{
    display: block;
}
/*---banner Section--*/
.banner{
    width: 550%;
    overflow: hidden;

}
.slider {
    padding: 0px;
    width: 550%;
    height: 35%;
    display: flex;
    flex-direction: row;
    position:absolute;
    animation-name: slider;
    animation-duration: 15s;
    animation-iteration-count: infinite;
    transition-delay: 2s;
}
```

```css
@keyframes slider{
    0%{
        left: -0px;


    }
    25%{
        left: -0px;
    }
    50%{
        left: -1520px;
    }
    75%{
        left: -3040px;
    }
    100%{
        left: -4560px;
    }
}
/*----common for all items---*/
.card{
    box-shadow: rgb(177,174,174) 0px 0px 5px 1px ;
    padding: 10px 0px;
    margin: 10px 5px;
    border-radius: 5px;

}
.common-heading{
    display: flex;
    justify-content: space-between;
    width: 100%;
    padding: 5px 20px;
    margin-top: 20px;
    box-shadow: 0 1px 1px 0 rgb(0 0 0 /16%);
}
.common-heading-left h1{
    font-size: 20px;
    font-weight: 400;
    padding: auto;
}
.common-heading-right button{
    width: 90px;
    height: 40px;
    font-size: 18px;
    background-color: rgb(233, 233, 32);
    border: none;
    color: black;
    border-radius: 2px;
}
```

HAVE A LOOK ON OUR WEBSITE

CATEGORY SECTION

TradoShop
Explore **Gift**🎁

Search for Clothes, footwear and more 🔍

Login

More ⌄

🛒CART

Rogan Paintings
Upto 80% off

Top Selling
Starts from ₹199
🛍️

Handicrafts
Upto 50% off
Starts from ₹249
🛍️

Glass Sculptures
Upto 80% off
Starts from ₹99
🛍️

Bells
Upto 56% off
Starts from ₹99
🛍️

Assam masks
Upto 40% off
Starts from ₹249
🛍️

Rajasthani Dolls
Upto 65% off
Starts from ₹149
🛍️

Designer Diyas
Min 10% + Extra 20% off
Starts from ₹49
🛍️
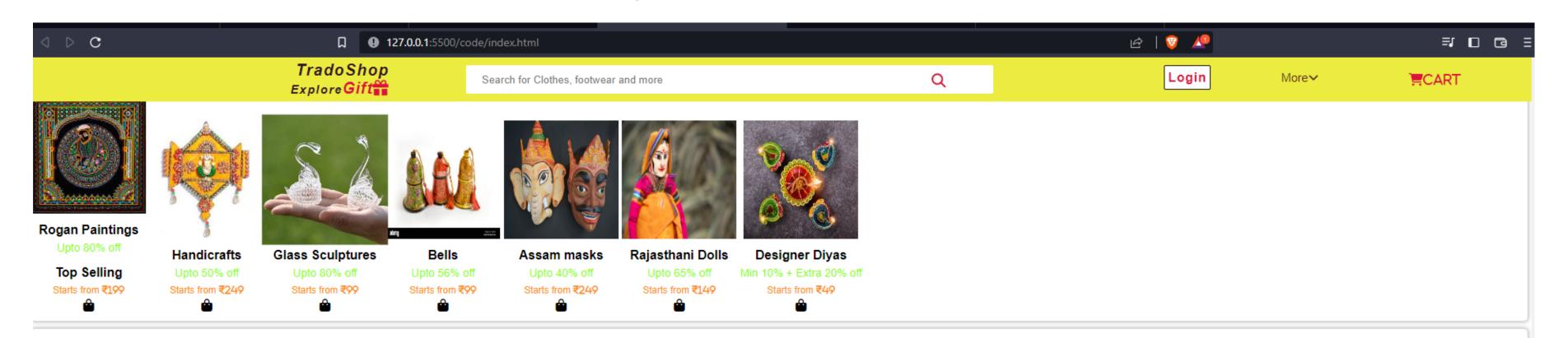
Traditional Crockery

View All

Maharaja Plate Set
Upto 80% off

Top Selling
Starts from ₹999
🛍️

Copper Jug Set
Upto 50% off
Starts from ₹1199
🛍️

Copper Wine Glass
Upto 80% off
Starts from ₹99
🛍️

Brass Plates
Upto 56% off
Starts from ₹499
🛍️

Rajasthani Blue Pottery
Upto 80% off

Top Selling
Starts from ₹1299
🛍️

Traditional Jewellery

View All

TARGETS

- Fully functional data management system.
- login/sign up option
- local involvement
- chatbot implementation