

PROJECT : E-Commerce Shoe Store

1.INTRODUCTION:

Welcome to our premier online shoe store, where style, comfort, and quality come together to elevate your footwear experience! At [Store Name], we are passionate about providing you with a diverse range of shoes that cater to your unique tastes, occasions, and lifestyles. Whether you're on the hunt for the perfect pair of running shoes to enhance your athletic performance, sophisticated heels to make a statement at a special event, or cozy and trendy sneakers for your everyday adventures, we have something for everyone.

2.ABSTRACT:

Creating an ecommerce shoe store using JavaScript, CSS, and HTML involves designing and implementing a user-friendly online platform for customers to browse, select, and purchase shoes. This project will require the integration of HTML for structuring the web pages, CSS for styling and layout, and JavaScript for dynamic interactions and functionality.

Key Components:

1. Homepage and Navigation:

- Create an HTML file for the homepage with sections for featured shoes, promotions, and categories.
- Implement CSS to style the layout, typography, and navigation menu.

2. Product Listing:

- Develop a product listing page using HTML to display shoes with images, names, prices, and brief descriptions.
- Utilize CSS to design a visually appealing grid layout for the products.

3. Product Details:

- Create individual HTML pages for each shoe's details, including larger images, product specifications, and size options.
- Apply CSS to ensure consistent styling and readability across the product detail pages.

4. Shopping Cart:

- Implement a shopping cart functionality using JavaScript to add and remove items.
- Design the cart layout using CSS to show a summary of selected items, quantities, and total price.

5. Checkout Process:

- Design a multi-step checkout process using HTML and CSS.
- Utilize JavaScript to validate user inputs, calculate totals, and process payments.

6. User Authentication:

- Create user login and registration forms using HTML.
- Apply CSS to style the forms and make them responsive.
- Use JavaScript for form validation and authentication.

7. Search and Filters:

- Implement a search bar using HTML, CSS, and JavaScript to allow users to find specific shoes.
- Develop filters based on categories, sizes, and styles using JavaScript.

8. Responsive Design:

- Ensure the website is responsive by using CSS media queries to adapt the layout to different screen sizes.

9. Backend Integration:

- Use JavaScript to handle frontend interactions with a backend server or APIs for retrieving product data, processing orders, and managing user accounts.

10. Animations and Effects:

- Incorporate CSS animations or transitions to enhance user experience, such as hover effects on product images or smooth transitions between pages.

Conclusion:

Creating an ecommerce shoe store using JavaScript, CSS, and HTML involves a blend of frontend technologies to deliver an engaging and seamless shopping experience. By effectively combining these technologies, you can create a visually appealing, functional, and user-friendly online platform for customers to explore, select, and purchase their favorite pairs of shoes.

3.purpose of the project:

The purpose of creating an ecommerce shoe store using JavaScript, CSS, and HTML is to develop a functional and user-friendly online platform for buying and selling shoes. This project aims to provide a seamless shopping experience to users, allowing them to browse

through a diverse collection of shoes, select their preferred items, and make secure purchases. The key purposes of this project include:

1. **E-commerce Experience:** The project aims to replicate the experience of shopping for shoes in a physical store, but in an online environment. Users can easily explore various shoe options, view product details, and add items to their virtual shopping cart.
2. **Convenience:** The primary purpose is to offer convenience to customers. Online shopping eliminates the need to visit physical stores, providing a 24/7 shopping experience that fits into users' busy schedules.
3. **Global Reach:** An online store has the potential to reach customers worldwide, expanding the target audience and market reach beyond local boundaries.
4. **Product Showcase:** The project serves as a platform to showcase a wide variety of shoes, highlighting different styles, sizes, colors, and brands. Users can make informed decisions based on detailed product descriptions and images.
5. **User Interaction:** By utilizing JavaScript, the project enhances user interaction and engagement. Dynamic features like product filters, search functionality, and a responsive design make the shopping experience more enjoyable.
6. **Personalization:** The project can incorporate features like personalized recommendations based on users' browsing and purchase history, creating a tailored shopping experience.
7. **Educational Purpose:** This project can serve as a learning opportunity for developers and students to practice and enhance their skills in HTML, CSS, and JavaScript while building a real-world application.
8. **Economic Value:** For businesses, the project represents a potential revenue source through online sales. It also provides a platform to effectively market and promote their shoe products.
9. **Secure Transactions:** Implementing secure payment gateways ensures that customers can confidently make online purchases, protecting their sensitive financial information.
10. **Portfolio Building:** Developers can include this project in their portfolio to showcase their web development skills to potential employers or clients.
11. **Data Analytics:** The project can collect valuable data on user preferences, popular products, and shopping patterns. This data can be used to refine the product offerings and marketing strategies.

In essence, the purpose of creating an ecommerce shoe store using JavaScript, CSS, and HTML is to provide a robust, visually appealing, and user-centric online shopping experience that caters to the needs of both customers and businesses.

4.Features:

Creating an ecommerce shoe store using JavaScript, CSS, and HTML involves implementing various features to provide users with a comprehensive and engaging shopping experience. Here are some key features that you can consider incorporating into your project:

1. User-Friendly Interface:

- Design an intuitive and visually appealing user interface that is easy to navigate.
- Ensure consistent and responsive design across different devices and screen sizes using CSS media queries.

2. Product Catalog:

- Display a diverse range of shoe products with images, names, prices, and brief descriptions.
- Implement pagination or infinite scrolling for large product catalogs.

3. Product Details:

- Create dedicated product detail pages with larger images, detailed descriptions, size options, and color variations.
- Include customer reviews and ratings for each product.

4. Search and Filters:

- Incorporate a search bar that allows users to search for specific shoe products.
- Provide filters based on categories, sizes, brands, and styles to help users narrow down their choices.

5. Shopping Cart:

- Enable users to add and remove items from their shopping cart.
- Display a summary of selected items, quantities, and total price.
- Implement a "Proceed to Checkout" button for a seamless transition to the checkout process.

6. User Accounts and Authentication:

- Allow users to create accounts, log in, and manage their profiles.
- Implement password reset and account verification functionalities.
- Provide the option for guest checkout for users who prefer not to create an account.

7. Checkout Process:

- Design a multi-step checkout process that includes shipping information, payment methods, and order summary.
- Validate user inputs and ensure a smooth and secure transaction process.

8. Wishlist and Favorites:

- Allow users to create a wishlist or mark items as favorites for future reference.

9. Personalization and Recommendations:

- Implement personalized product recommendations based on users' browsing and purchase history.

- Display related products or items frequently bought together on product pages.

10.Payment Integration:

- Integrate secure payment gateways to enable users to make online payments.
- Ensure compliance with relevant payment security standards.

11.Order Tracking and History:

- Provide users with order tracking information and order history in their accounts.

12.Responsive Design:

- Ensure that the website is fully responsive to provide a seamless experience across different devices.

13.Feedback and Reviews:

- Allow users to leave reviews and ratings for products they've purchased.
- Display reviews on product pages to help other users make informed decisions.

14.Admin Dashboard:

- Create an admin dashboard for managing products, inventory, orders, and customer data.

15.Social Media Integration:

- Include social media sharing buttons for users to share their favorite products with their networks.

16.Data Analytics:

- Implement tools to collect and analyze user behavior and preferences for optimizing the user experience and marketing strategies.

By incorporating these features, you can create a comprehensive and engaging ecommerce shoe store that provides value to both customers and the business.

5.PROCESS

5.1:SET UP THE PROJECT STRUCTURE:

Setting up the project structure for an ecommerce shoe store using JavaScript, CSS, and HTML involves organizing your files and directories in a way that promotes efficient development, maintenance, and collaboration. Here's a basic project structure you can follow:

 Copy code

```
ecommerce-shoe-store/ | ├── index.html | ├── product-list.html | ├── product-details.html | ├── cart.html  
| ├── checkout.html | ├── css/ | ├── styles.css | ├── ... | ├── js/ | ├── main.js | ├── ... | ├──  
images/ | ├── product1.jpg | ├── product2.jpg | ├── ... | ├── README.md
```

Explanation of the structure:

- **index.html:** The main entry point of your ecommerce shoe store. This will typically contain the homepage layout, navigation menu, featured products, and promotional content.
- **product-list.html:** A page dedicated to listing all the available shoe products. This page should display product thumbnails, names, and basic information.
- **product-details.html:** Individual pages for displaying detailed information about each shoe product. This page includes larger product images, descriptions, sizes, and colors.
- **cart.html:** The page where users can view the contents of their shopping cart, modify quantities, and proceed to checkout.
- **checkout.html:** The page where users can provide shipping information, select payment methods, and finalize their purchases.
- **css/:** A directory for storing CSS files.
 - **styles.css:** The main CSS file that holds styling rules for your entire website.
- **js/:** A directory for storing JavaScript files.
 - **main.js:** The main JavaScript file where you'll handle dynamic functionality like adding/removing items from the cart, form validation, and interactions.
- **images/:** A directory for storing image assets like product images, banners, and icons.
- **README.md:** A file that provides information about your project, including its purpose, features, setup instructions, and any other relevant details.

This is a basic project structure to get you started. As your project grows, you might consider breaking down your JavaScript code into different modules for better organization, setting up build tools for preprocessing CSS or bundling JavaScript, and incorporating a backend for handling user data, product inventory, and orders.

Remember that the project structure can evolve based on your specific requirements and preferences, so feel free to adapt it to best suit your needs.

5.2:DESIGN AND IMPLEMENT THE USER INTERFACE:

This is just a basic starting point. To implement a complete ecommerce shoe store, you would need to create additional HTML pages for product listings, details, cart, and checkout. You would also need to enhance the CSS for styling product grids, buttons, forms, and other elements. Additionally, the JavaScript file (`main.js`) will handle interactive features like adding/removing items from the cart, validating forms, and more.

Remember that this is a simplified example, and a real-world ecommerce project would involve more complexity and features. As you develop your project, you can refer to the project structure and features mentioned earlier to build a comprehensive and engaging user interface for your ecommerce shoe store.

5.3:IMPLEMENT TASK MANAGEMENT FUNCTIONALITY:

In this example, users can click the "Add to Shopping List" button on the product details page to add the current product to their shopping list. The shopping list items are then displayed in the shopping cart page.

Keep in mind that this is a simplified example of task management functionality within an ecommerce shoe store. In a real-world scenario, you might want to enhance this functionality to allow users to manage their shopping lists more effectively, save lists between sessions, or integrate it with user accounts for a seamless experience.

5.4:IMPLEMENT TASK FILTERING:

You can extend this filtering functionality to include other criteria such as brands, styles, or price ranges. Additionally, you might want to integrate more dynamic data retrieval from a database or backend API to showcase real product data.

6.CODES:

6.1:HTML code:

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" href="font-awesome/css/font-awesome.css">
```

```
<link rel="stylesheet" href="css/style.css">
</head>
<body>
  <header>
    <div id="menu-bar" class="fa fa-bars"></div>
    <a href="#" class="logo">Logo</a>
    <nav class="navbar">
      <a href="#home">Home</a>
      <a href="#product">Product</a>
      <a href="#feared">Feared</a>
      <a href="#blog">blog</a>
      <a href="#news">news</a>
    </nav>
    <div class="icons">
      <a href="#"><i class="fa fa-heart"></i></a>
      <a href="#"><i class="fa fa-shopping-cart"></i></a>
      <a href="#"><i class="fa fa-user"></i></a>
    </div>
  </header>
  <!--end header-->
  <section class="home" id="home">
    <div class="slide-container active">
      <div class="slide">
        <div class="content">
          <span>Nike Sport Shoes</span>
          <h3>Nike Metcon Shoes</h3>
          <p>
            Lorem ipsum, dolor sit amet consectetur adipisicing elit
            Sunt nam adipisci ipsa officiis Amet pariatur eaque soluta
            sit iure neque voluptate.
          </p>
        </div>
      </div>
    </div>
  </section>
</body>
</html>
```



```
</p>
  <a href="#" class="btn">add to card</a>
</div>
<div class="image">
  
</div>
</div>
</div>
<div class="slide-container">
  <div class="slide">
    <div class="content">
      <span>Nike Sport Shoes</span>
      <h3>Nike Metcon Shoes</h3>
      <p>
        Lorem ipsum, dolor sit amet consectetur adipisicing elit
        Sunt nam adipisci ipsa officiis Amet pariatur eaque soluta
        sit iure neque voluptate.
      </p>
      <a href="#" class="btn">add to card</a>
    </div>
    <div class="image">
      
    </div>
  </div>
</div>
<div class="slide-container">
  <div class="slide">
    <div class="content">
      <span>Nike Sport Shoes</span>
      <h3>Nike Metcon Shoes</h3>
```

<p>

Lorem ipsum, dolor sit amet consectetur adipisicing elit
Sunt nam adipisci ipsa officiis Amet pariatur eaque soluta
sit iure neque voluptate.

</p>

add to card

</div>

<div class="image">

</div>

</div>

</div>

<div class="slide-container">

<div class="slide">

<div class="content">

Nike Sport Shoes

<h3>Nike Metcon Shoes</h3>

<p>

Lorem ipsum, dolor sit amet consectetur adipisicing elit
Sunt nam adipisci ipsa officiis Amet pariatur eaque soluta
sit iure neque voluptate.

</p>

add to card

</div>

<div class="image">

</div>

</div>

</div>

```
<div id="prev" class="fa fa-angle-left" onclick="prev();"></div>

<div id="next" class="fa fa-angle-right" onclick="next();"></div>

</section>

<!--end home-->

<section class="product" id="product">

  <h1 class="heading">latest <span>Products</span></h1>

  <div class="box-container">

    <div class="box">

      <div class="icons">

        <a href="#" class="fa fa-heart"></a>

        <a href="#" class="fa fa-share"></a>

        <a href="#" class="fa fa-eye"></a>

      </div>

      <div class="content">

        <h3>Nike Shoes</h3>

        <div class="price">$200 <span>$150</span></div>

        <div class="stars">

          <i class="fa fa-star"></i>

          <i class="fa fa-star"></i>

          <i class="fa fa-star"></i>

          <i class="fa fa-star"></i>

          <i class="fa fa-star"></i>

        </div>

      </div>

    </div>

  </div>

  <div class="box">

    <div class="icons">

      <a href="#" class="fa fa-heart"></a>

      <a href="#" class="fa fa-share"></a>
```

```
<a href="#" class="fa fa-eye"></a>
</div>
<div class="content">
  
  <h3>Nike Shoes</h3>
  <div class="price">$200 <span>$150</span></div>
  <div class="stars">
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
  </div>
</div>
<div class="box">
  <div class="icons">
    <a href="#" class="fa fa-heart"></a>
    <a href="#" class="fa fa-share"></a>
    <a href="#" class="fa fa-eye"></a>
  </div>
  <div class="content">
    
    <h3>Nike Shoes</h3>
    <div class="price">$200 <span>$150</span></div>
    <div class="stars">
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
    </div>
  </div>
</div>
```



```

<h3>Nike Shoes</h3>
<div class="price">$200 <span>$150</span></div>
<div class="stars">
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
</div>
</div>
</div>
<div class="box">
  <div class="icons">
    <a href="#" class="fa fa-heart"></a>
    <a href="#" class="fa fa-share"></a>
    <a href="#" class="fa fa-eye"></a>
  </div>
  <div class="content">
    
    <h3>Nike Shoes</h3>
    <div class="price">$200 <span>$150</span></div>
    <div class="stars">
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
    </div>
  </div>
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!--end product-->
```

```
<section class="featured" id="feared">
```

```
<h1 class="heading">New <span>Product</span></h1>
```

```
<div class="row">
```

```
<div class="image-container">
```

```
<div class="small-image">
```

```

```

```

```

```

```

```

```

```
</div>
```

```
<div class="big-image">
```

```

```

```
</div>
```

```
</div>
```

```
<div class="content">
```

```
<h3>new nike airmac shoes</h3>
```

```
<div class="stars">
```

```
<i class="fa fa-star"></i>
```

```
<i class="fa fa-star"></i>
```

```
<i class="fa fa-star"></i>
```

```
<i class="fa fa-star"></i>
```

```
<i class="fa fa-star"></i>
```

```
</div>
```

```
<p>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Fugit officiis omnis quo laboriosam velit culpa ex illo, error enim nostrum?

```
</p>
<div class="price">$90 <span>$120</span></div>
<a href="#" class="btn">add to cart</a>
</div>
</div>
<div class="row">
  <div class="image-container">
    <div class="small-image">
      
      
      
      
    </div>
    <div class="big-image">
      
    </div>
  </div>
  <div class="content">
    <h3>new nike airmac shoes</h3>
    <div class="stars">
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
    </div>
    <p>
      Lorem ipsum dolor sit amet consectetur adipisicing elit.
      Fugit officiis omnis quo laboriosam velit culpa ex illo, error enim nostrum?
    </p>
```



```
<div class="price">$90 <span>$120</span></div>
<a href="#" class="btn">add to cart</a>
</div>
</div>
<div class="row">
  <div class="image-container">
    <div class="small-image">
      
      
      
      
    </div>
    <div class="big-image">
      
    </div>
  </div>
  <div class="content">
    <h3>new nike airmac shoes</h3>
    <div class="stars">
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
    </div>
    <p>
      Lorem ipsum dolor sit amet consectetur adipisicing elit.
      Fugit officiis omnis quo laboriosam velit culpa ex illo, error enim nostrum?
    </p>
    <div class="price">$90 <span>$120</span></div>
```

```
<a href="#" class="btn">add to cart</a>

</div>

</div>

</section>

<!--end featured-->

<section class="blog" id="blog">

  <h1 class="heading">Team <span>Weblog</span></h1>

  <div class="box-container">

    <div class="box">

      <h3>Divya Seth</h3>

      <p>

        Lorem ipsum, dolor sit amet consectetur adipisicing elit.

        Eos sequi temporibus impedit corporis vero ab exercitationem

        dolore voluptatibus, nisi non.

      </p>

      <div class="stars">

        <i class="fa fa-star"></i>

        <i class="fa fa-star"></i>

        <i class="fa fa-star"></i>

        <i class="fa fa-star"></i>

        <i class="fa fa fa-star"></i>

      </div>

    </div>

  </div>

  <div class="box">

    <h3>Rahul Kumar</h3>

    <p>

      Lorem ipsum, dolor sit amet consectetur adipisicing elit.

      Eos sequi temporibus impedit corporis vero ab exercitationem
```

dolore voluptatibus, nisi non.

</p>

<div class="stars">

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa fa-star-half-o"></i>

</div>

</div>

<div class="box">

<h3>Anil Rathod</h3>

<p>

Lorem ipsum, dolor sit amet consectetur adipisicing elit.

Eos sequi temporibus impedit corporis vero ab exercitationem

dolore voluptatibus, nisi non.

</p>

<div class="stars">

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star-o"></i>

<i class="fa fa fa-star-half-o"></i>

</div>

</div>

</div>

</section>

<!--end blog-->

<section class="news" id="news">

```

<div class="content">
  <h3>monthly news letter</h3>
  <p>
    If you want to get latest updates on trends and news related to fashion, consider
    subscribing to our monthly news letter for free...!
  </p>
  <form action="">
    <input type="email" placeholder="please enter your email" class="email">
    <input type="submit" value="save" class="btn">
  </form>
</div>
</section>
<!--end news-->
<section class="credit" id="credit">
  <div class="box">
    <h3>all reserved by Aditya Team</h3>
  </div>
</section>
</body>
</html>

<script src="js/script.js"></script>

```

6.2:CSS code:

```

@font-face {
  font-family: 'iran_sans_bold';
  src: url('../Fonts/iran_sans_bold.woff') format('woff');
}

```

```

@font-face {
  font-family: 'iran_sans_light';
}

```

```
src: url('../Fonts/iran_sans_light.woff') format('woff');
}
```

```
@font-face {
  font-family: 'iran_sans_medi';
  src: url('../Fonts/iran_sans_medi.woff') format('woff');
}
```

```
*{
  font-family:iran_sans_light;
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  outline: none;
  border: none;
  text-decoration: none;
  text-transform: uppercase;
  transition: all .2s linear;
}
```

```
html{
  font-size: 60%;
  scroll-padding-top: 6rem;
  scroll-behavior: smooth;
}
```

```
header{
  position: fixed;
  top: 0;
  left: 0;
  right: 0;
  z-index: 1000;
  background: #fff;
```

```
padding: 2rem 9%;
display: flex;
align-items: center;
justify-content: space-between;
box-shadow: 0 .5rem 1rem rgba(0, 0, 0, .1);
}
header .logo{
  font-size: 2rem;
  color: #000;
  font-weight: 500;
}
header .navbar a{
  font-size: 1.5rem;
  color: #000;
  margin: 0 2rem;
}
header .navbar a:hover{
  color: orangered;
}
header .icons a{
  font-size: 2rem;
  color: #000;
  margin-left: 1.5rem;
}
header .icons a:hover{
  color: orangered;
}
#menu-bar{
  font-size: 2rem;
  padding: .5rem 1rem;
```

```
border: .1rem solid #000;
color: #000;
border-radius: .3rem;
cursor: pointer;
display: none;
}
/* end header */
section{
  padding: 2rem 9%;
}
.home{
  padding: 0;
  position: relative;
}
.home .slide-container .slide{
  min-height: 100vh;
  display: flex;
  align-items: center;
  flex-wrap: wrap;
  gap: 1.5rem;
  padding: 0 9%;
  padding-top: 9rem;
}
.home .slide-container .slide .content{
  flex: 1 1 40rem;
  animation: slideContent .3s linear 1s backwards;
}
@keyframes slideContent{
  0%{
    opacity: 0;
```

```
        transform: translateX(-10rem);
    }
}
.home .slide-container .slide .image {
    flex: 1 1 50rem;
    padding-bottom: 15rem;
    position: relative;
    z-index: 0;
}
.home .slide-container .slide .image .shoe {
    width: 100%;
    transform: rotate(-10deg);
    animation: shoe .3s linear;
}
@keyframes shoe {
    0% {
        transform: rotate(0deg) scale(.5);
    }
}
.home .slide-container .slide .content span {
    font-size: 2rem;
    color: orangered;
}
.home .slide-container .slide .content h3 {
    font-size: 5rem;
    color: #000;
}
.home .slide-container .slide .content p {
    font-size: 1.7rem;
    color: #666;
```



```
padding: .5rem 0;
}
.btn{
  display: inline-block;
  margin-top: 1rem;
  border-radius: .5rem;
  border: .2rem solid #000;
  font-weight: bolder;
  font-size: 1.7rem;
  color: #000;
  cursor: pointer;
  background: #fff;
  padding: .8rem 3rem;
}

.home .slide-container{
  display: none;
}
.home .slide-container.active{
  display: block;
}
.home #prev,.home #next{
  position: absolute;
  top: 50%;
  transform: translateY(-50%);
  z-index: 100;
  height: 5rem;
  width: 5rem;
  line-height: 5.5rem;
  font-size: 2rem;
```

```
    color: #000;
    border:.2rem solid #000;
    border-radius: 50%;
    text-align: center;
    cursor: pointer;
}
.home #prev:hover,.home #next:hover{
    color: #fff;
    background: orangered;
}
.home #prev{
    left: 3rem;
}
.home #next{
    right: 3rem;
}
/* end home */
.heading{
    text-align: center;
    font-size: 3rem;
    padding: 10px;
    font-weight: bolder;
    text-transform: uppercase;
}
.heading span{
    color: rgb(252, 118, 69);
}
.product .box-container{
    display: flex;
    flex-wrap: wrap;
```

```
        gap: 1.5rem;
    }
    .product .box-container .box{
        border: .1rem solid rgba(0, 0, 0, .1);
        border-radius: .5rem;
        text-align: center;
        position: relative;
        overflow: hidden;
        background: #f5f5f5;
        flex: 1 1 30rem;
    }
    .product .box-container .content{
        padding: 1.5rem;
    }
    .product .box-container .box img{
        height: 20rem;
        transform: rotate(-35deg);
        margin: 8rem 2rem;
    }
    .product .box-container .box:hover img{
        transform: rotate(-35deg) scale(1.2);
    }
    .product .box-container .box .icons{
        display: flex;
        flex-flow: column;
        position: absolute;
        top: .5rem;
        left: 1rem;
    }
    .product .box-container .box .icons a{
```

```
height: 4.5rem;
width: 5rem;
line-height: 4.5rem;
font-size: 2rem;
color: #000;
border: .1rem solid #000;
border-radius: .5rem;
background: #fff;
margin-top: .5rem;
}
.product .box-container .box .icons{
  display: flex;
  flex-flow: column;
  position: absolute;
  top: .5rem;
  left: -10rem;
}
.product .box-container .box: hover .icons{
  left: 1rem;
}
.product .box-container .box .icons a: hover{
  color: orangered;
  color: #fff;
}
.product .box-container .box .content h3{
  color: #000;
  font-size: 2.5rem;
}
.product .box-container .box .content .price{
  color: #000;
```

```
    font-size: 2.5rem;
    font-weight: bolder;
    padding: 1rem 0;
}

.product .box-container .box .content .price span{
    color: #000;
    font-size: 1.5rem;
    text-decoration: line-through;
}

.product .box-container .box .content .stars{
    padding-bottom: 1rem;
}

.product .box-container .box .content .stars i{
    font-size: 1.7rem;
    color: orangered;
}

/* end product */

.featured .row{
    display: flex;
    flex-wrap: wrap;
    gap: 1.5rem;
    border: .1rem solid rgba(0, 0, 0, .1);
    border-radius: .5rem;
    background: #f9f9f9;
    padding: 2rem;
    align-items: center;
    margin: 1.5rem 0;
}

.featured .row .content{
    flex: 1 1 40rem;
```

```
}  
.featured .row .image-container{  
  display: flex;  
  gap: 1.5rem;  
  align-items: center;  
  flex: 1 1 50rem;  
}  
.featured .row .image-container .small-image{  
  width: 20%;  
}  
.featured .row .image-container .big-image{  
  width: 80%;  
  padding: 1rem;  
}  
.featured .row .image-container .small-image img{  
  width: 100%;  
  padding: 1rem;  
  border: .1rem solid rgba(0, 0, 0, .1);  
  cursor: pointer;  
}  
.featured .row .image-container .small-image img:hover{  
  background: #ccc;  
}  
.featured .row .image-container .big-image img{  
  width: 100%;  
}  
.featured .row .image-container .big-image img:hover{  
  transform: scale(1.05);  
}  
.featured .row .content h3{
```

```
    font-size: 2.5rem;
    color: #000;
}
.featured .row .content .stars i{
    font-size: 1.7rem;
    color: orange;
    padding: .5rem 0;
}
.featured .row .content p{
    font-size: 1.5rem;
    color: #666;
    padding: 1rem 0;
}
.featured .row .content .price{
    font-size: 2.5rem;
    color: #000;
    font-weight: bolder;
}
.featured .row .content .price span{
    font-size: 1.5rem;
    color: orange;
    text-decoration: line-through;
}
/* end featured */
.blog .box-container{
    display: flex;
    flex-wrap: wrap;
    gap: 1.5rem;
}
.blog .box-container .box{
```

```
flex: 1 1 30rem;
text-align: center;
border: .1rem solid rgba(0, 0, 0, .1);
border-radius: .5rem;
background: #f9f9f9;
padding: 2rem;
}
.blog .box-container .box img{
border-radius: 50%;
object-fit: cover;
height: 15rem;
width: 15rem;
margin: 1rem 0;
border: 4px solid #ddd;
}
.blog .box-container .box img:hover{
transform: scale(1.2);
}
.blog .box-container .box h3{
font-size: 2.5rem;
color: #000;
}
.blog .box-container .box p{
font-size: 1.6rem;
color: #666;
padding: 1rem 0;
}
.blog .box-container .box .stars i{
color: orangered;
font-size: 2rem;
```



```
}
/* end blog */
.news{
  padding-top: .5rem;
  padding-bottom: .5rem;
}
.news .content{
  text-align: center;
  border: .1rem solid rgba(0, 0, 0, .1);
  border-radius: .5rem;
  background: #f9f9f9;
  padding: 2rem;
}
.news .content h3{
  font-size: 2.5rem;
  color: #000;
}
.news .content p{
  font-size: 1.5rem;
  color: #666;
  margin: 1rem auto;
  max-width: 60rem;
}
.news .content form{
  margin: 1rem auto;
  max-width: 50rem;
  display: flex;
}

.news .content form .email{
```

```
width: 100%;  
font-size: 1.7rem;  
text-transform: none;  
color: #333;  
padding: 1rem;  
border: .2rem solid #000;  
border-right: none;  
margin-top: 1rem;  
}  
.news .content form .btn{  
  border-radius: none;  
}  
/* end news */  
.cridet .box{  
  padding: .1rem;  
  text-align: center;  
}  
.cridet .box h3{  
  font-size: 2rem;  
}
```

```
/* Responsive */
```

```
@media (max-width:768px){
```

```
  #menu-bar{
```

```
    display: block;
```

```
  }
```

```

header .navbar{
  position: absolute;
  top: 100%;
  left: -120%;
  width: 100%;
  background: #eee;
  border-top: .1rem solid rgba(0, 0, 0, .1);
}
header .navbar a{
  font-size: 2rem;
  background: #fff;
  border: .1rem solid #000;
  border-radius: .5rem;
  padding: 1rem;
  margin: 1rem;
  display: block;
  text-align: center;
}
header .navbar.active{
  left: 0;
}
}

```

6.3:JS code:

```

let menu = document.querySelector('#menu-bar');
let navbar = document.querySelector('.navbar');

menu.onclick =() =>{
  menu.classList.toggle('fa-times');
  navbar.classList.toggle('active');
}

```

```
let slides = document.querySelectorAll('.slide-container');
let index = 0;

function next(){
  slides[index].classList.remove('active');
  index = (index + 1) % slides.length;
  slides[index].classList.add('active');
}

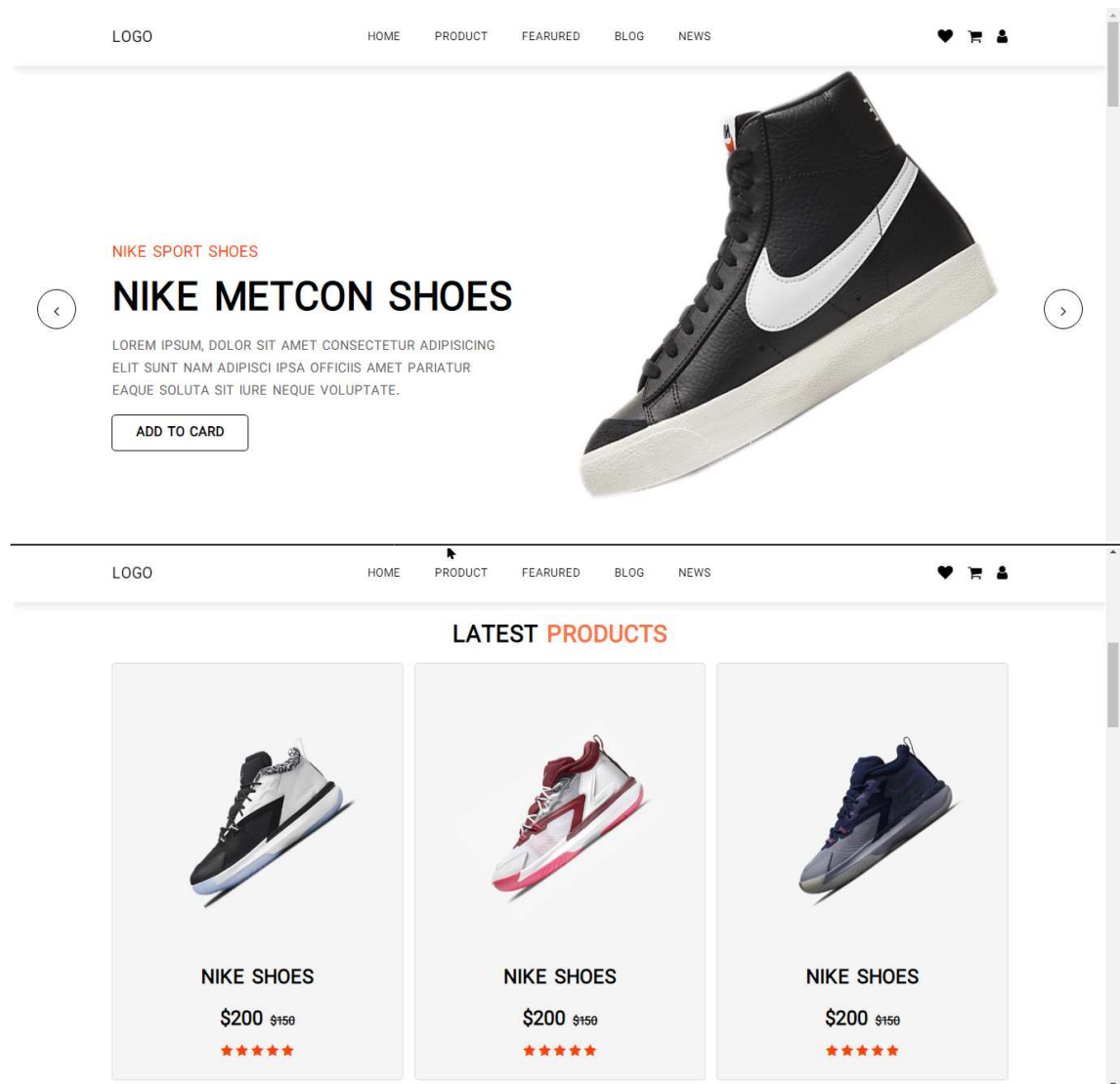
function prev(){
  slides[index].classList.remove('active');
  index = (index - 1 + slides.length) % slides.length;
  slides[index].classList.add('active');
}

document.querySelectorAll('.featured-image-1').forEach(image_1 =>{
  image_1.addEventListener('click', () =>{
    var src = image_1.getAttribute('src');
    document.querySelector('.big-image-1').src = src;
  });
});

document.querySelectorAll('.featured-image-2').forEach(image_2 =>{
  image_2.addEventListener('click', () =>{
    var src = image_2.getAttribute('src');
    document.querySelector('.big-image-2').src = src;
  });
});
```

```
document.querySelectorAll('.featured-image-3').forEach(image_3 =>{
  image_3.addEventListener('click', () =>{
    var src = image_3.getAttribute('src');
    document.querySelector('.big-image-3').src = src;
  });
});
```

Output:



LOGO

HOME PRODUCT FEARURED BLOG NEWS



NIKE SHOES

\$200 ~~\$150~~



NIKE SHOES

\$200 ~~\$150~~



NIKE SHOES

\$200 ~~\$150~~



NEW PRODUCT

LOGO

HOME PRODUCT FEARURED BLOG NEWS



ADD TO CART



NEW NIKE AIRMAC SHOES



LOREM IPSUM DOLOR SIT AMET CONSECTETUR ADIPISICING ELIT. FUGIT OFFICIIS OMNIS QUO LABORIOSAM VELIT CULPA EX ILLO, ERROR ENIM NOSTRUM?

\$90 ~~\$120~~

ADD TO CART

LOGO

HOME PRODUCT FEARURED BLOG NEWS



DIVYA SETH

LOREM IPSUM, DOLOR SIT AMET CONSECTETUR ADIPISICING ELIT. EOS SEQUI TEMPORIBUS IMPEDIT CORPORIS VERO AB EXERCITATIONEM DOLORE VOLUPTATIBUS, NISI NON.



RAHUL KUMAR

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8. Advantages of a To-Do App:

Creating an ecommerce shoe store using JavaScript, CSS, and HTML offers numerous advantages that contribute to a seamless, engaging, and effective online shopping experience for both customers and business owners. Here are some key advantages:

1. **Dynamic and Interactive User Experience:** JavaScript allows for dynamic elements and interactivity, enhancing user engagement. Users can filter products, view details, and add items to their cart without page reloads.
2. **Real-time Updates:** JavaScript enables real-time updates for cart contents, pricing, and availability, giving users instant feedback as they shop.
3. **Customization:** With HTML, CSS, and JavaScript, you can create a unique and branded design that reflects your store's identity and appeals to your target audience.
4. **Responsive Design:** Using CSS, you can ensure your website is responsive, adapting seamlessly to various screen sizes and devices, making it accessible to a wider audience.
5. **Fast Loading:** HTML and CSS contribute to efficient loading times, providing a smooth browsing experience for users.
6. **User-Friendly Navigation:** With the combination of HTML's structured layout and CSS styling, you can design intuitive navigation and layout that guides users through your products.
7. **SEO-Friendly:** HTML provides a structured format that search engines can easily understand, while JavaScript allows for dynamic content to be indexed.
8. **Cross-Browser Compatibility:** Properly implemented HTML, CSS, and JavaScript code ensures compatibility across different browsers, providing consistent access for users.
9. **Enhanced Product Display:** CSS styling enables you to showcase products with appealing layouts, images, and animations, capturing users' attention.
10. **Efficient Checkout Process:** JavaScript can validate user inputs and facilitate seamless checkout processes, enhancing the overall shopping experience.
11. **Feedback and Validation:** JavaScript can provide real-time feedback to users when they interact with forms, reducing errors and ensuring accurate information submission.

12. **Personalization:** JavaScript enables personalized product recommendations based on user behavior, helping to increase sales and improve user satisfaction.
13. **Analytics and Tracking:** JavaScript allows you to integrate tracking codes for analytics tools, providing insights into user behavior and helping you refine your strategies.
14. **Cost-Effective:** Developing an ecommerce store with HTML, CSS, and JavaScript can be cost-effective compared to using more complex technologies, while still delivering a professional result.
15. **Scalability:** As your business grows, HTML, CSS, and JavaScript can be easily scaled to accommodate new products, features, and user needs.
16. **Learning and Skills:** Creating an ecommerce store with these technologies offers a great learning opportunity for developers to hone their skills and expand their portfolio.

In conclusion, building an ecommerce shoe store using JavaScript, CSS, and HTML provides a powerful platform that combines functionality, aesthetics, and user-friendliness, contributing to a positive shopping experience and business success.

9. Disadvantages of a To-Do App:

While creating an ecommerce shoe store using JavaScript, CSS, and HTML offers numerous advantages, there are also some potential disadvantages to consider:

1. **Limited Interactivity without JavaScript:** Without JavaScript, the interactivity and dynamic features of the website may be limited, affecting the overall user experience and potentially reducing engagement.
2. **SEO Challenges with JavaScript:** While search engines have improved in indexing JavaScript-driven content, complex JavaScript interactions can still pose challenges for search engine optimization (SEO) and indexing.
3. **Browser Compatibility:** Ensuring cross-browser compatibility can be challenging, as different browsers may interpret CSS and JavaScript code differently, leading to inconsistencies in the user experience.
4. **Security Concerns:** Handling sensitive user data, such as personal information and payment details, requires robust security measures. Inadequate security implementations could lead to vulnerabilities and breaches.

5. **Performance Issues:** Heavy use of JavaScript and complex CSS styling can impact website performance, leading to slower loading times and potential user frustration.
6. **Accessibility:** Over-reliance on JavaScript can create accessibility issues for users with disabilities who rely on screen readers or other assistive technologies.
7. **Maintenance Complexity:** As the website grows, maintaining and debugging complex JavaScript code and intricate CSS styling can become challenging, especially for larger projects.
8. **Dependency on Third-Party Libraries:** While third-party JavaScript libraries and frameworks can enhance development, they can also introduce compatibility issues, security risks, and performance overhead.
9. **Learning Curve for Complex Interactions:** Implementing complex interactions and animations with JavaScript can require a steep learning curve for developers who are not already familiar with the language.
10. **Limited Offline Capabilities:** Ecommerce websites built primarily with JavaScript may struggle to offer offline functionality, which can be important for users with limited connectivity.
11. **User Experience on Slow Devices:** On older devices or devices with limited processing power, complex JavaScript interactions might lead to a less smooth user experience.
12. **Initial Load Time:** JavaScript files and libraries can increase the initial load time of the website, impacting the time it takes for users to start interacting with the content.
13. **Compatibility with Ad Blockers:** Some users use ad blockers that can interfere with or block certain JavaScript functionality, affecting the intended user experience.
14. **Learning Curve for Beginners:** For those new to web development, understanding and effectively using JavaScript, CSS, and HTML together may require a significant learning curve.
15. **Version Compatibility:** Staying up-to-date with evolving versions of JavaScript, CSS, and HTML can be important to maintain compatibility and security.
16. **Limited Offline Accessibility:** Users might have difficulty accessing the website offline if it relies heavily on real-time JavaScript interactions.

10.CONCLUSION:

In conclusion, building an ecommerce shoe store using JavaScript, CSS, and HTML offers a versatile and powerful approach to creating a compelling

online shopping experience. This combination of technologies provides a platform that balances functionality, interactivity, aesthetics, and accessibility. By utilizing these tools effectively, you can create a seamless and engaging environment for both customers and business owners.

JavaScript enables dynamic interactions, real-time updates, and personalized experiences that enhance user engagement and satisfaction. CSS empowers you to design visually appealing layouts, responsive interfaces, and captivating product showcases. HTML provides the structural foundation for your website, contributing to its accessibility, SEO-friendliness, and semantic structure.

However, it's essential to be aware of the potential challenges and considerations, such as browser compatibility, security, and performance optimization. A thoughtful approach to development, including proper testing, optimization techniques, and adhering to best practices, can mitigate these challenges and ensure a smooth user experience.

By leveraging JavaScript, CSS, and HTML, you can create a user-centric ecommerce shoe store that not only showcases your products effectively but also streamlines the shopping process. This combination of technologies offers flexibility, scalability, and the potential for continuous improvement as you adapt to changing user preferences and industry trends.

In essence, an ecommerce shoe store built with JavaScript, CSS, and HTML has the potential to deliver an immersive, engaging, and efficient shopping experience that appeals to customers, drives conversions, and contributes to the success of your online business.