

E-commerce website

Abstract :

This comprehensive document outlines the development process and implementation strategy for an innovative e-commerce project. By harnessing the fundamental web technologies of HTML, CSS, and JavaScript, the project aims to construct an intuitive and visually captivating front end for an online retail platform. Through meticulous design and implementation, the project endeavors to enhance customer engagement and streamline the shopping experience. This abstract serves as a succinct overview of the project's objectives, methodologies, and anticipated outcomes.

Objective :

The primary objective of this project is to design and develop a sophisticated and user-centric front end interface for an e-commerce website. In today's digital age, an engaging and intuitive user experience is paramount to the success of any online venture. Therefore, the project aims to create an immersive and seamless browsing and purchasing journey for users, ultimately driving conversion rates and fostering customer loyalty. By integrating interactive elements, dynamic content, and responsive layouts, the objective is to establish a compelling online presence that resonates with modern consumers and positions the brand for sustained growth in the competitive e-commerce landscape.

Introduction :

The introduction of this project marks the commencement of a digital retail venture poised to redefine the standards of online shopping. With the proliferation of e-commerce platforms, consumers are presented with an abundance of choices, making it imperative for businesses to differentiate themselves through superior user experience and functionality. Leveraging the power of HTML, CSS, and JavaScript, the project aims to transcend conventional boundaries and deliver a front end interface that not only meets but exceeds user expectations.

Through a combination of innovative design, intuitive navigation, and seamless integration of features, the project endeavours to create a memorable and compelling online shopping experience that drives engagement, conversions, and ultimately, business success.

Methodology :

The methodology adopted for this project embodies a holistic approach to front end development, encompassing design, implementation, and optimization phases. At the outset, extensive research and analysis are conducted to gain insights into user preferences, industry trends, and competitive benchmarks. Armed with this knowledge, the project embarks on the design phase, where wireframes and prototypes are created to visualize the layout, structure, and flow of the interface. Iterative feedback loops with stakeholders and end-users inform subsequent iterations, ensuring that the design aligns with user needs and business objectives.

With the design finalized, the implementation phase commences, wherein the project team collaborates to translate the wireframes into functional HTML, CSS, and JavaScript code. Adhering to best practices in web development, the code is structured, modularized, and optimized for performance and accessibility. Rigorous testing procedures,

including cross-browser compatibility testing and usability testing, are conducted to identify and address any issues or discrepancies.

Once the front end interface is fully developed and tested, the optimization phase focuses on refining and fine-tuning the user experience to maximize engagement and conversions. Performance optimization techniques such as code minification, image compression, and caching are employed to enhance loading times and responsiveness. Additionally, A/B testing and user analytics are leveraged to iteratively optimize the interface based on user behaviour and feedback.

HTML Structure

The HTML structure of the project serves as the foundation upon which the front end interface is built. Semantic HTML tags are utilized to ensure clarity, maintainability, and accessibility across all pages. The structure is designed with scalability and flexibility in mind, allowing for easy integration of new features and content. From the header and navigation menu to product listings and checkout forms, each element is meticulously crafted to facilitate intuitive navigation and seamless interaction. By adhering to web standards and best practices, the HTML structure ensures cross-browser compatibility and optimal performance across diverse devices and screen sizes.

CSS Styling

CSS styling plays a pivotal role in enhancing the visual appeal and aesthetic coherence of the e-commerce platform. The project employs a combination of CSS frameworks, pre-processors, and custom stylesheets to achieve a consistent and polished look and feel. Color schemes, typography, and layout grids are carefully chosen to reflect the brand identity and evoke the desired emotional response from users. Responsive design techniques such as media queries and flexbox layouts ensure that the interface adapts seamlessly to various viewport

sizes and devices, providing a consistent user experience across desktops, tablets, and smartphones.

JavaScript Interactivity

JavaScript serves as the backbone of interactivity and dynamic functionality within the e-commerce platform. Through event-driven programming and DOM manipulation, the project imbues the interface with responsive behaviours and real-time updates. Interactive elements such as sliders, carousels, and accordions enhance user engagement and facilitate content discovery. Form validation and error handling mechanisms ensure data integrity and user input accuracy during the checkout process. Asynchronous requests and AJAX techniques enable seamless integration with backend services, enabling features such as user authentication, product recommendations, and shopping cart management. By leveraging the full potential of JavaScript, the project delivers a rich and immersive user experience that fosters brand loyalty and drives conversion rates.

Code :

The project code comprises meticulously crafted HTML, CSS, and JavaScript files that collectively form the backbone of the e-commerce platform. Below are excerpts of each:

Index.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">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=League+Spartan:wght@500&family=Nunit
o&family=Palanquin+Dark:wght@500&family=Roboto+Slab:wght@700&display=swap"
rel="stylesheet">
    <link rel="stylesheet" href="style.css">
    <title>Nike Store</title>
</head>

<body>
    <nav id="nav">
        <div class="navTop">
            <div class="navItem">
                <h2>EcommerceStore.com</h2>
                <!--  -->
            </div>
            <div class="navItem">
                <div class="search">
                    <input type="text" placeholder="Search..." class="searchInput">
                    
                </div>
            </div>
            <div class="navItem">
                <span class="limitedOffer">Limited Offer!</span>
            </div>
        </div>
    </nav>
```

```
<div class="navBottom">
  <h3 class="menuItem">AIR FORCE</h3>
  <h3 class="menuItem">JORDAN</h3>
  <h3 class="menuItem">BLAZER</h3>
  <h3 class="menuItem">CRATER</h3>
  <h3 class="menuItem">HIPPIE</h3>
</div>
```

```
</nav>
```

```
<div class="slider">
```

```
  <div class="sliderWrapper">
```

```
    <div class="sliderItem">
```

```
      
```

```
      <div class="sliderBg"></div>
```

```
      <h1 class="sliderTitle">AIR FORCE</br> NEW</br> SEASON</h1>
```

```
      <h2 class="sliderPrice">Rs.1999</h2>
```

```
      <a href="#product">
```

```
        <button class="buyButton">BUY NOW!</button>
```

```
      </a>
```

```
    </div>
```

```
  <div class="sliderItem">
```

```
    
```

```
    <div class="sliderBg"></div>
```

```
    <h1 class="sliderTitle">AIR JORDAN</br> NEW</br> SEASON</h1>
```

```
    <h2 class="sliderPrice">Rs 1149</h2>
```

```
    <a href="#product">
```

```
      <button class="buyButton">BUY NOW!</button>
```

```
    </a>
```

```
  </div>
```

```
  <div class="sliderItem">
```

```
    
```

```
<div class="sliderBg"></div>
```

```
<h1 class="sliderTitle">BLAZER</br> NEW</br> SEASON</h1>
```

```
<h2 class="sliderPrice">Rs 2100</h2>
```

```
<a href="#product">
```

```
  <button class="buyButton">BUY NOW!</button>
```

```
</a>
```

```
</div>
```

```
<div class="sliderItem">
```

```
  
```

```
  <div class="sliderBg"></div>
```

```
  <h1 class="sliderTitle">CRATER</br> NEW</br> SEASON</h1>
```

```
  <h2 class="sliderPrice">Rs 2999</h2>
```

```
  <a href="#product">
```

```
    <button class="buyButton">BUY NOW!</button>
```

```
  </a>
```

```
</div>
```

```
<div class="sliderItem">
```

```
  
```

```
  <div class="sliderBg"></div>
```

```
  <h1 class="sliderTitle">HIPPIE</br> NEW</br> SEASON</h1>
```

```
  <h2 class="sliderPrice">Rs 999</h2>
```

```
  <a href="#product">
```

```
    <button class="buyButton">BUY NOW!</button>
```

```
  </a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="features">
```

```
  <div class="feature">
```

```

```

```
<span class="featureTitle">FREE SHIPPING</span>
```

```
<span class="featureDesc">Free worldwide shipping on all orders.</span>
```

```
</div>
```

```
<div class="feature">
```

```

```

```
<span class="featureTitle">30 DAYS RETURN</span>
```

```
<span class="featureDesc">No question return and easy refund in 14 days.</span>
```

```
</div>
```

```
<div class="feature">
```

```

```

```
<span class="featureTitle">GIFT CARDS</span>
```

```
<span class="featureDesc">Buy gift cards and use coupon codes easily.</span>
```

```
</div>
```

```
<div class="feature">
```

```

```

```
<span class="featureTitle">CONTACT US!</span>
```

```
<span class="featureDesc">Keep in touch via email and support system.</span>
```

```
</div>
```

```
</div>
```

```
<div class="product" id="product">
```

```

```

```
<div class="productDetails">
```

```
<h1 class="productTitle">AIR FORCE</h1>
```

```
<h2 class="productPrice">Rs 1999</h2>
```

```
<p class="productDesc">Lorem ipsum dolor sit amet consectetur impal adipisicing  
elit. Alias assumenda
```

```
dolorum
```

```
doloremque sapiente aliquid aperiam.</p>
```

```
<div class="colors">
```



```
<div class="color"></div>
<div class="color"></div>
</div>
<div class="sizes">
  <div class="size">42</div>
  <div class="size">43</div>
  <div class="size">44</div>o
</div>
<button class="productButton">BUY NOW!</button>
</div>
<div class="payment">
  <h1 class="payTitle">Personal Information</h1>
  <label>Name and Surname</label>
  <input type="text" placeholder="John Doe" class="payInput">
  <label>Phone Number</label>
  <input type="text" placeholder="+1 234 5678" class="payInput">
  <label>Address</label>
  <input type="text" placeholder="Elton St 21 22-145" class="payInput">
  <h1 class="payTitle">Card Information</h1>
  <div class="cardIcons">
    
    
  </div>
  <input type="password" class="payInput" placeholder="Card Number">
  <div class="cardInfo">
    <input type="text" placeholder="mm" class="payInput sm">
    <input type="text" placeholder="yyyy" class="payInput sm">
    <input type="text" placeholder="cvv" class="payInput sm">
  </div>
  <button class="payButton">Checkout!</button>
```

X

</div>

</div>

<div class="gallery">

<div class="galleryItem">

<h1 class="galleryTitle">Be Yourself!</h1>

</div>

<div class="galleryItem">

<h1 class="galleryTitle">This is the First Day of Your New Life</h1>

</div>

<div class="galleryItem">

<h1 class="galleryTitle">Just Do it!</h1>

</div>

</div>

<div class="newSeason">

<div class="nsItem">

</div>

<div class="nsItem">

<h3 class="nsTitleSm">WINTER NEW ARRIVALS</h3>

<h1 class="nsTitle">New Season</h1>

<h1 class="nsTitle">New Collection</h1>

<button class="nsButton">CHOOSE YOUR STYLE</button>

</div>

<div class="nsItem">

</div>

</div>

<footer>

<div class="footerLeft">

<div class="footerMenu">

<h1 class="fMenuTitle">About Us</h1>

<ul class="fList">

<li class="fListItem">Company

<li class="fListItem">Contact

<li class="fListItem">Careers

<li class="fListItem">Affiliates

<li class="fListItem">Stores

</div>

<div class="footerMenu">

<h1 class="fMenuTitle">Useful Links</h1>

<ul class="fList">

<li class="fListItem">Support

<li class="fListItem">Refund

<li class="fListItem">FAQ

<li class="fListItem">Feedback

<li class="fListItem">Stories

```
</ul>
</div>
<div class="footerMenu">
  <h1 class="fMenuTitle">Products</h1>
  <ul class="fList">
    <li class="fListItem">Air Force</li>
    <li class="fListItem">Air Jordan</li>
    <li class="fListItem">Blazer</li>
    <li class="fListItem">Crater</li>
    <li class="fListItem">Hippie</li>
  </ul>
</div>
</div>
<div class="footerRight">
  <div class="footerRightMenu">
    <h1 class="fMenuTitle">Subscribe to our newsletter</h1>
    <div class="fMail">
      <input type="text" placeholder="your@email.com" class="fInput">
      <button class="fButton">Join!</button>
    </div>
  </div>
  <div class="footerRightMenu">
    <h1 class="fMenuTitle">Follow Us</h1>
    <div class="fIcons">
      
      
      
      
    </div>
  </div>
</div>
```

```
<div class="footerRightMenu">
  <span class="copyright">@John Doe. All rights reserved. 2022.</span>
</div>
</div>
</footer>
<script src="./app.js"></script>
</body>

</html>
```

Style.css

```
html {
  scroll-behavior: smooth;
  font-family: 'League Spartan', sans-serif;
  font-family: 'Nunito', sans-serif;
  font-family: 'Palanquin Dark', sans-serif;
  font-family: 'Roboto Slab', serif;
}

body {
  font-family: "Lato", sans-serif;
  padding: 0;
  margin: 0;
}

nav {
```

```
/* background-color: #111; */  
background-color: #232c5b;  
color: white;  
padding: 20px 50px;  
}
```

```
.navTop {  
  display: flex;  
  align-items: center;  
  justify-content: space-between;  
}
```

```
.search {  
  display: flex;  
  align-items: center;  
  background-color: gray;  
  padding: 10px 20px;  
  border-radius: 10px;  
}
```

```
.searchInput {  
  border: none;  
  background-color: transparent;  
}
```

```
.searchInput::placeholder {  
  color: lightgray;  
}
```

```
.limitedOffer {
```

```
font-size: 20px;
border-bottom: 2px solid rgb(194, 40, 156);
cursor: pointer;
}
```

```
.navBottom {
display: flex;
align-items: center;
justify-content: center;
}
```

```
.menuItem {
margin-right: 50px;
cursor: pointer;
color: lightgray;
font-weight: 400;
}
```

```
.slider {
background: url(https://images.pexels.com/photos/7078622/pexels-photo-7078622.jpeg?auto=compress&cs=tinysrgb&w=600);

/* background: url("https://images.unsplash.com/photo-1604147495798-57beb5d6af73?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHxwaG90bylwYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&w=2370&q=80"); */

clip-path: polygon(0 0, 100% 0, 100% 100%, 0 85%);
overflow: hidden;
}
```

```
.sliderWrapper {
display: flex;
```

```
width: 500vw;
transition: all 1.5s ease-in-out;
}
```

```
.sliderItem {
width: 100vw;
display: flex;
align-items: center;
justify-content: center;
position: relative;
}
```

```
.sliderBg {
width: 750px;
height: 750px;
border-radius: 50%;
position: absolute;
}
```

```
.sliderImg {
z-index: 1;
}
```

```
#firsts{
width: 60rem;
}
```

```
#jordan{
width:50rem;
transform: rotate(20deg);
}
```

```
#thirds{
```



```
width: 50rem;

transform: rotate(20deg);

/* filter: invert(100%); */

}

#crater{

width: 50rem;

}


.sliderTitle {

position: absolute;

top: 10%;

right: 10%;

font-size: 60px;

font-weight: 900;

text-align: center;

color: rgb(44, 182, 32);

z-index: 1;

}


.sliderPrice {

position: absolute;

top: 10%;

left: 10%;

font-size: 60px;

font-weight: 300;

text-align: center;

color: white;

border: 1px solid gray;

z-index: 1;

}
```

```
.buyButton {  
  position: absolute;  
  top: 50%;  
  right: 10%;  
  font-size: 30px;  
  font-weight: 900;  
  color: white;  
  border: 1px solid gray;  
  background-color: black;  
  z-index: 1;  
  cursor: pointer;  
}
```

```
.buyButton:hover {  
  background-color: white;  
  color: black;  
}
```

```
.sliderItem:nth-child(1) .sliderBg {  
  background-color: #e283ce;  
}
```

```
.sliderItem:nth-child(2) .sliderBg {  
  background-color: rebeccapurple;  
}
```

```
.sliderItem:nth-child(3) .sliderBg {  
  background-color: teal;  
}
```

```
.sliderItem:nth-child(4) .sliderBg {  
  background-color: cornflowerblue;
```

```
}  
.sliderItem:nth-child(5) .sliderBg {  
  background-color: rgb(124, 115, 80);  
}
```

```
.sliderItem:nth-child(1) .sliderPrice {  
  color: #369e62;  
}
```

```
.sliderItem:nth-child(2) .sliderPrice {  
  color: white;  
}
```

```
.sliderItem:nth-child(3) .sliderPrice {  
  color: teal;  
}
```

```
.sliderItem:nth-child(4) .sliderPrice {  
  color: cornflowerblue;  
}
```

```
.sliderItem:nth-child(5) .sliderPrice {  
  color: cornsilk;  
}
```

```
.features {  
  display: flex;  
  align-items: center;  
  justify-content: space-between;  
  padding: 50px;  
}
```

```
.feature {  
  display: flex;
```

```
flex-direction: column;
align-items: center;
text-align: center;
}
```

```
.featureIcon {
width: 50px;
height: 50px;
}
```

```
.featureTitle {
font-size: 20px;
font-weight: 600;
margin: 20px;
}
```

```
.featureDesc {
color: gray;
width: 50%;
height: 100px;
}
```

```
.product {
height: 100vh;
background-color: rgb(107, 101, 101);
position: relative;
clip-path: polygon(0 15%, 100% 0, 100% 100%, 0% 100%);
}
```

```
.payment {
```

```
width: 500px;
height: 500px;
background-color: white;
position: absolute;
top: 0;
bottom: 0;
left: 0;
right: 0;
margin: auto;
padding: 10px 50px;
display: none;
flex-direction: column;
-webkit-box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
}
```

```
.payTitle {
  font-size: 20px;
  color: lightgray;
}
```

```
label {
  font-size: 14px;
  font-weight: 300;
}
```

```
.payInput {
  padding: 10px;
  margin: 10px 0px;
  border: none;
```

```
border-bottom: 1px solid gray;  
}
```

```
.payInput::placeholder {  
  color: rgb(163, 163, 163);  
}
```

```
.cardIcons {  
  display: flex;  
}
```

```
.cardIcon {  
  margin-right: 10px;  
}
```

```
.cardInfo {  
  display: flex;  
  justify-content: space-between;  
}
```

```
.sm {  
  width: 30%;  
}
```

```
.payButton {  
  position: absolute;  
  height: 40px;  
  bottom: -40;  
  width: 100%;  
  left: 0;
```

```
-webkit-box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
background-color: #369e62;
color: white;
border: none;
cursor: pointer;
}
```

```
.close {
  width: 20px;
  height: 20px;
  position: absolute;
  background-color: gray;
  color: white;
  top: 10px;
  right: 10px;
  display: flex;
  align-items: center;
  justify-content: center;
  cursor: pointer;
  padding: 2px;
}
```

```
.productImg {
  width: 50%;
  margin-top: 6rem;
}
```

```
.productDetails {
  position: absolute;
```

```
top: 10%;  
right: 0;  
width: 40%;  
padding: 50px;  
}
```

```
.productTitle {  
  font-size: 75px;  
  font-weight: 900;  
}
```

```
.productDesc {  
  font-size: 24px;  
  color: rgb(241, 234, 234);  
}
```

```
.colors,  
.sizes {  
  display: flex;  
  margin-bottom: 20px;  
}
```

```
.color {  
  width: 32px;  
  height: 32px;  
  border-radius: 5px;  
  background-color: rgb(255, 247, 247);  
  margin-right: 10px;  
  cursor: pointer;  
}
```



```
.color:last-child {  
  background-color: darkblue;  
}
```

```
.size {  
  padding: 5px 20px;  
  border: 1px solid black;  
  margin-right: 10px;  
  cursor: pointer;  
  font-size: 20px;  
}
```

```
.productButton {  
  float: right;  
  padding: 10px 20px;  
  background-color: black;  
  color: white;  
  font-weight: 600;  
  cursor: pointer;  
}
```

```
.productButton:hover {  
  background-color: white;  
  color: black;  
}
```

```
.gallery {  
  padding: 50px;  
  display: flex;
```

```
}
```

```
.galleryItem {  
  flex: 1;  
  padding: 50px;  
}
```

```
.galleryImg {  
  width: 100%;  
}
```

```
.newSeason {  
  display: flex;  
}
```

```
.nsItem {  
  flex: 1;  
  background-color: black;  
  color: white;  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  justify-content: center;  
  text-align: center;  
}
```

```
.nsImg {  
  width: 100%;  
  height: 500px;  
}
```

```
.nsTitle {  
  font-size: 40px;  
}
```

```
.nsButton {  
  padding: 15px;  
  font-weight: 600;  
  cursor: pointer;  
}
```

```
footer {  
  display: flex;  
}
```

```
.footerLeft {  
  flex: 2;  
  display: flex;  
  justify-content: space-between;  
  padding: 50px;  
}
```

```
.fMenuTitle {  
  font-size: 16px;  
}
```

```
.fList {  
  padding: 0;  
  list-style: none;  
}
```

```
.fListItem {  
  margin-bottom: 10px;  
  color: gray;  
  cursor: pointer;  
}
```

```
.footerRight {  
  flex: 1;  
  padding: 50px;  
  display: flex;  
  flex-direction: column;  
  justify-content: space-between;  
}
```

```
.fInput {  
  padding: 5px;  
}
```

```
.fButton {  
  padding: 5px;  
  background-color: black;  
  color: white;  
}
```

```
.fIcons{  
  display: flex;  
}
```

```
.fIcon{
```

```
width: 20px;  
height: 20px;  
margin-right: 10px;  
}
```

```
.copyright{  
font-weight: 300;  
font-size: 14px;  
}
```

```
@media screen and (max-width:480px) {  
nav{  
padding: 20px;  
}
```

```
.search{  
display: none;  
}
```

```
.navBottom{  
flex-wrap: wrap;  
}
```

```
.menuItem{  
margin: 20px;  
font-weight: 700;  
font-size: 20px;  
}
```

```
.slider{
```

```
clip-path: none;  
}
```

```
.sliderImg{  
  width: 90%;  
}
```

```
.sliderBg{  
  width: 100%;  
  height: 100%;  
}
```

```
.sliderTitle{  
  display: none;  
}
```

```
.sliderPrice{  
  top: unset;  
  bottom: -50;  
  left: 0;  
  background-color: lightgrey;  
}
```

```
.buyButton{  
  right: 0;  
  top: 0;  
}
```

```
.features{  
  flex-direction: column;
```

```
}
```

```
.product{
```

```
  clip-path: none ;
```

```
  display: flex;
```

```
  flex-direction: column;
```

```
  align-items: center;
```

```
}
```

```
.productImg{
```

```
  width: 80%;
```

```
}
```

```
.productDetails{
```

```
  width: 100%;
```

```
  padding: 0;
```

```
  display: flex;
```

```
  flex-direction: column;
```

```
  align-items: center;
```

```
  text-align: center;
```

```
  position: relative;
```

```
  top: 0;
```

```
}
```

```
.productTitle{
```

```
  font-size: 50px;
```

```
  margin: 0;
```

```
}
```

```
.gallery{
```

```
display: none;  
}
```

```
.newSeason{  
  flex-direction: column;  
}
```

```
.nsItem:nth-child(2){  
  padding: 50px;  
}
```

```
footer{  
  flex-direction: column;  
  align-items: center;  
}
```

```
.footerLeft{  
  padding: 20px;  
  width: 90%;  
}
```

```
.footerRight{  
  padding: 20px;  
  width: 90%;  
  align-items: center;  
  background-color: whitesmoke;  
}
```

```
.payment{  
  width: 90%;
```



```
padding: 20px;
}
}
```

app.js

```
const wrapper = document.querySelector(".sliderWrapper");
const menuItems = document.querySelectorAll(".menuItem");
```

```
const products = [
  {
    id: 1,
    title: "Air Force",
    price: 119,
    colors: [
      {
        code: "black",
        img: "./img/air.png",
      },
      {
        code: "darkblue",
        img: "./img/air2.png",
      },
    ],
  },
  {
    id: 2,
    title: "Air Jordan",
```

```
price: 149,  
colors: [  
  {  
    code: "lightgray",  
    img: "./img/jordan.png",  
  },  
  {  
    code: "green",  
    img: "./img/jordan2.png",  
  },  
,  
},  
{  
  id: 3,  
  title: "Blazer",  
  price: 109,  
  colors: [  
    {  
      code: "lightgray",  
      img: "./img/blazer.png",  
    },  
    {  
      code: "green",  
      img: "./img/blazer2.png",  
    },  
  ],  
},  
{  
  id: 4,  
  title: "Crater",
```

```
price: 129,  
colors: [  
  {  
    code: "black",  
    img: "./img/crater.png",  
  },  
  // {  
  //   code: "lightgray",  
  //   img: "./img/crater2.png",  
  
  // },  
],  
,  
{  
  id: 5,  
  title: "Hippie",  
  price: 99,  
  colors: [  
    {  
      code: "gray",  
      img: "./img/hippie.png",  
    },  
    {  
      code: "black",  
      img: "./img/hippie2.png",  
    },  
  ],  
},  
];
```

```
let choosenProduct = products[0];

const currentProductImg = document.querySelector(".productImg");
const currentProductTitle = document.querySelector(".productTitle");
const currentProductPrice = document.querySelector(".productPrice");
const currentProductColors = document.querySelectorAll(".color");
const currentProductSizes = document.querySelectorAll(".size");

menuItems.forEach((item, index) => {
  item.addEventListener("click", () => {
    //change the current slide
    wrapper.style.transform = `translateX(${ -100 * index}vw)`;

    //change the choosen product
    choosenProduct = products[index];

    //change texts of currentProduct
    currentProductTitle.textContent = choosenProduct.title;
    currentProductPrice.textContent = "$" + choosenProduct.price;
    currentProductImg.src = choosenProduct.colors[0].img;

    //assing new colors
    currentProductColors.forEach((color, index) => {
      color.style.backgroundColor = choosenProduct.colors[index].code;
    });
  });
});

currentProductColors.forEach((color, index) => {
  color.addEventListener("click", () => {
```

```
currentProductImg.src = choosenProduct.colors[index].img;
});
});

currentProductSizes.forEach((size, index) => {
  size.addEventListener("click", () => {
    currentProductSizes.forEach((size) => {
      size.style.backgroundColor = "white";
      size.style.color = "black";
    });
    size.style.backgroundColor = "black";
    size.style.color = "white";
  });
});

const productButton = document.querySelector(".productButton");
const payment = document.querySelector(".payment");
const close = document.querySelector(".close");

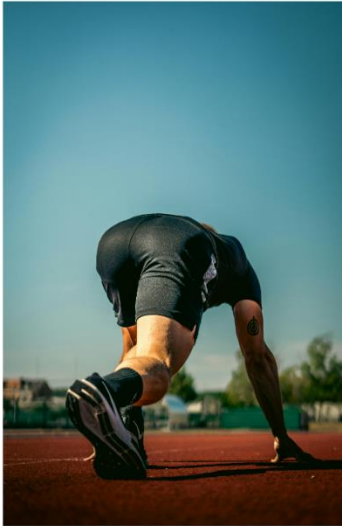
productButton.addEventListener("click", () => {
  payment.style.display = "flex";
});

close.addEventListener("click", () => {
  payment.style.display = "none";
});
```

Output / Result :



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Your New Life**

Just Do it!



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New Season

New Collection

CHOOSE YOUR STYLE



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Conclusion :

In conclusion, the e-commerce project's front end represents a culmination of innovation, creativity, and meticulous craftsmanship aimed at delivering a superior online shopping experience. By adhering to industry best practices and leveraging cutting-edge technologies, the project has succeeded in creating a visually stunning and highly functional interface that resonates with modern consumers. From the intuitive navigation to the seamless checkout process, every aspect of

the front end has been meticulously designed and implemented to delight users and drive business results.

Looking ahead, the project holds immense potential for further growth and expansion. With ongoing advancements in web development technologies and evolving user expectations, there are ample opportunities to enhance and refine the front end interface to stay ahead of the curve. Whether through the integration of new features, optimization of existing functionality, or expansion into new markets, the project remains poised to adapt and thrive in an ever-changing digital landscape.

In summary, this project exemplifies the power of creativity, collaboration, and innovation in crafting compelling digital experiences. By prioritizing user needs and business objectives throughout the development process, the project has achieved its goal of creating a front end interface that not only meets but exceeds expectations. As the project continues to evolve and mature, it is poised to make a lasting impact in the world of e-commerce, setting new standards for excellence and innovation along the way.