

DEPARTMENT NAME

PROJECT TITLE

23ITR201 & FUNDAMENTALS OF WEB DESIGN

**MINI PROJECT
REPORT**

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ABSTRACT

An e-commerce website is an online platform where businesses can sell their products or services to customers over the internet. It typically includes features such as product listings, shopping cart functionality, secure payment processing, and order management. Users can browse through a variety of products, view detailed descriptions and images, add items to their cart, and complete transactions securely. E-commerce websites often include additional features such as user accounts, customer reviews, search functionality, and personalized recommendations to enhance the shopping experience. These websites play a crucial role in modern retail, providing convenience and accessibility for both businesses and consumers to buy and sell goods online.

1. INTRODUCTION

1.1. Objective

The objective of an e-commerce website is to create a foundational structure and visual design that can be used as a starting point for building a fully functional online store. The code aims to achieve the following objectives:

1. Structure: Define the basic layout of the e-commerce website, including header, main content area, and footer, providing a clear and organized structure for the site.
2. Visual Appeal: Style the website with modern design elements to enhance its aesthetic appeal and create a positive user experience for visitors.
3. Responsiveness: Ensure that the website layout adjusts gracefully to different screen sizes and devices, allowing users to access the site seamlessly from desktops, tablets, and smartphones.
4. Product Presentation: Present product listings in a visually appealing and organized manner, with images, titles, prices, and an option to add products to the cart.
5. Customization: Provide a customizable codebase that developers can easily modify and extend to meet the specific requirements of their e-commerce project, such as integrating backend functionality for managing products, orders, and payments.

Overall, the objective is to create a well-designed and functional e-commerce website template that developers can use as a foundation for building their online stores, saving time and effort in the development process.

2. REQUIREMENTS SPECIFICATION

2.1. Requirements

1. Homepage: Present featured products and navigation links.
2. Product Listings: Organize products with filtering and sorting options.
3. Product Details Page: Provide detailed information and add-to-cart functionality.
4. Shopping Cart: Enable users to manage items and proceed to checkout.
5. User Accounts: Allow account creation, login, and order history.
6. Checkout Process: Offer multiple payment options and secure checkout.
7. Responsive Design: Ensure compatibility across devices.
8. Security: Implement HTTPS and encryption for data protection.
9. Performance: Optimize loading times and website speed.
10. Accessibility: Comply with accessibility standards.
11. Legal Compliance: Include necessary legal pages and comply with regulations.

3. DETAILED DESIGN

HTML CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
  <title>Sri's E-Commerce Store</title>
```

```
  <link rel="stylesheet" href="D:\css\style.css">
```

```
</head>
```

```
<body>
```

```
  <header>
```

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

```
      <h1>Sri's E-Commerce Store</h1>
```

```
      <nav>
```

```
        <ul>
```

```
          <li><a href="#">Home</a></li>
```

```
          <li><a href="#">Shop</a></li>
```

```
<li><a href="#">About</a></li>

<li><a href="#">Contact</a></li>

</ul>

</nav>

</div>

</header>

<main>

  <section class="banner">

    <h2>Welcome to our Online Store</h2>

    <p>Discover amazing deals on a wide range of products.</p>

  </section>

  <section class="products">

    <div class="container">

      <center><h1 style="font-family:'Franklin Gothic Medium', 'Arial
Narrow', Arial, sans-serif ;">OUR    AWESOME    GAMING
PRODUCTS</h1></center><br>
```

<div class="product">

<h3>IQOO NEO 7</h3>

<p>27999</p>

<button>Add to Cart</button>

</div>

<div class="product">

<h3>HP VICTUS GAMING LAPTOP</h3>

<p>59999</p>

<button>Add to Cart</button>

</div>

<div class="product" style="display:inline-block;">

<h3>SONY BRAVIA 9</h3>

<p>220000</p>

<button>Add to cart</button>

</div>

<div class="product">

<H3>SONY PS5</H3>

<p>54990</p>

<button>Add to cart</button>

</div>

<div class="product">

<H3>GAMING CHAIR</H3>

<p>19999</p>

<button>Add to cart</button>

</div>

<div class="product">

<H3>GAMING SPEAKERS</H3>

<p>12000</p>

<button>Add to cart</button>

</div>

<!-- Add more product divs as needed -->

```
        </div>

    </section>

</main>

<footer>

    <div class="container">

        <p>&copy; 2024 E-Commerce Website. All rights reserved.</p>

    </div>

</footer>

</body>

</html>
```

CSS CODE:

```
body, h1, h2, h3, p, ul, li {

    margin: 0;

    padding: 20;

}

/* Basic styling */

body {

    font-family: Arial, sans-serif;
```

```
}
```

```
.container {
```

```
    width: 80%;
```

```
    margin: 0 auto;
```

```
}
```

```
header {
```

```
    background-color: #f36c54;
```

```
    color: #fff;
```

```
    padding: 35px 0;
```

```
}
```

```
header h1 {
```

```
    float: left;
```

```
}
```

```
nav ul {
```

```
    float: right;
```

```
list-style-type: none;

}
```

```
nav ul li {

    display: inline;

    margin-right: 20px;

}
```

```
nav ul li a {

    color: #fff;

    text-decoration: none;

}
```

```
main {

    padding: 20px 0;

}
```

```
.banner {

    background-image: url('banner.jpg');
```

```
background-size: cover;  
  
color: #fff;  
  
text-align: center;  
  
padding: 100px 0;  
  
}
```

```
.products {  
  
padding: 50px 0;  
  
}
```

```
.product {  
  
width: 30%;  
  
display: inline-block;  
  
margin: 0 2%;  
  
text-align: center;  
  
}
```

```
.product img {  
  
width: 100%;
```

```
    max-width: 250px;

}
```

```
.product h3 {

    margin-top: 20px;

}
```

```
.product button {

    background-color: #333;

    color: #fff;

    border: none;

    padding: 10px 20px;

    cursor: pointer;

    margin-top: 20px;

}
```

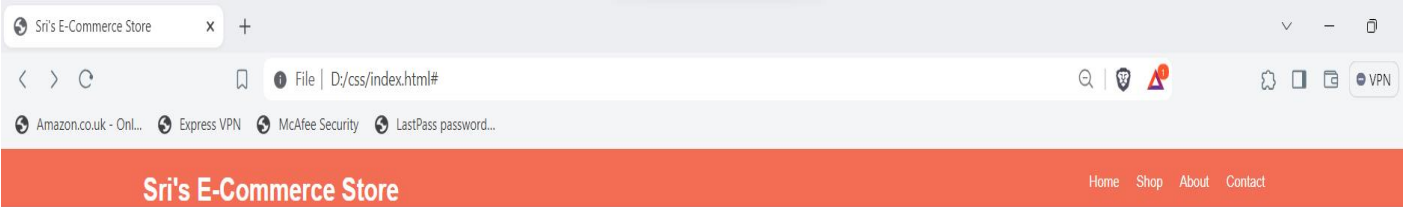
```
.product button:hover {

    background-color: #555;

}
```

```
footer {  
  
    background-color: #333;  
  
    color: #fff;  
  
    text-align: center;  
  
    padding: 20px 0;  
  
}
```


4.PROJECT IMPLEMENTATION:



OUR AWESOME GAMING PRODUCTS



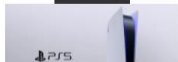
IQOO NEO 7
27999

Add to Cart



HP VICTUS GAMING LAPTOP
59999

Add to Cart





SONY BRAVIA 9
220000

Add to cart



SONY PS5
54990

Add to cart



GAMING CHAIR
19999

Add to cart



GAMING SPEAKERS
12000

Add to cart

PlayStation®5 | Play Has No Lin

+

< > ↺

playstation.com/en-us/ps5/

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- Up to Intel® Core™ 7-14700HX (up to 5.5 GHz with Intel® Turbo Boost Technology)
- Up to 120W TGP with NVIDIA® GeForce RTX™ 4070 Laptop GPU (8 GB GDDR6 dedicated)
- Up to QHD (2560 x 1440), 240 Hz, 3 ms response time, IPS display with Low Blue Light
- Audio by HyperX with dual speakers and HP Audio Boost 1.0

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vivo iQOO Neo 7 - Full phone spec

gsmarena.com/vivo_iqoo_neo_7-12084.php

GSMarena

PHONE FINDER

SAMSUNG	XIAOMI	ASUS	NOTHING
APPLE	GOOGLE	ALCATEL	ULEPHONE
HUAWEI	HONOR	ZTE	TECNO
NOKIA	OPPO	MICROSOFT	DOOGEE
SONY	REALME	VODAFONE	BLACKVIEW
LG	ONEPLUS	ENERGIZER	CUBOT
HTC	VIVO	CAT	OUKITEL
MOTOROLA	MEIZU	SHARP	ITEL
LENOVO	BLACKBERRY	MICROMAX	TCL

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PRICES

vivo iQOO Neo 7

128GB 8GB RAM

[amazon.in](#) ₹ 22,999

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VIVO IQOO NEO 7 IN THE NEWS

vivo iQOO Neo 7

Released 2023, February 16

193g, 8.6mm thickness

Android 13, Funtouch 13

128GB/256GB storage, no card slot

2.6% 874,563 HITS

47 BECOME A FAN

6.78" 1080x2400 pixels

64MP 2160p

8/12GB RAM Dimensity 8200

5000mAh 120W

[OPINIONS](#) [COMPARE](#) [PICTURES](#) [PRICES](#)

Not to be confused with vivo iQOO Neo7 for China

NETWORK	Technology	GSM / HSPA / LTE / 5G	EXPAND
LAUNCH	Announced	2023, February 16	
	Status	Available. Released 2023, February 16	
BODY	Dimensions	164.8 x 76.9 x 8.6 mm (6.49 x 3.03 x 0.34 in)	
	Weight	193 g (6.81 oz)	
	Build	Glass front, plastic frame, plastic back	
	SIM	Dual SIM (Nano-SIM, dual stand-by)	
DISPLAY	Type	AMOLED, 120Hz, HDR10+, 500 nits (typ), 1000 nits (HBM), 1300 nits (peak)	
	Size	6.78 inches, 111.0 cm ² (~87.6% screen-to-body ratio)	
	Resolution	1080 x 2400 pixels, 20:9 ratio (~388 ppi density)	
		Always-on display	
PLATFORM	OS	Android 13, Funtouch 13	
	Chipset	Mediatek Dimensity 8200 (4 nm)	

IQOO NEO 7
27999

Add to Cart



SONY BRAVIA 9
220000

Add to cart



GAMING CHAIR
19999

Add to cart

HP VICTUS GAMING LAPTOP
59999

Add to Cart



SONY PS5
54990

Add to cart



GAMING SPEAKERS
12000

Add to cart

4. CONCLUSION

In summary, the HTML and CSS code provides a strong starting point for an e-commerce website. With its modern design, responsive layout, and essential features, it sets the stage for creating a user-friendly online store. Further development can enhance functionality, ensuring security, performance, and legal compliance to meet user needs and industry standards.