



E-Commerce Website

Guide By

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1. Problem Overview

Electronic commerce or e-commerce refers to a wide range of online business activities for products and services. It is usually associated with online buying and selling over the internet or conducting any transaction involving the transfer of ownership or rights to use goods or services through a computer mediated network. In our eyes we see it as a new dimension to the varied use of the internet and our purpose is to make it trendy in our country where its use is particularly very low. Because of the high context culture it is very important to develop trust among the people interested in a transaction. E-commerce in Bangladesh actually started in the year of 1999 based in USA with some non-resident Bangladeshis. Our motto is to develop an enriched e-commerce website in our country that should be largely accepted by the customers.

2. Abstract

E-commerce is expanding at an exponential rate in this internet-age, leaving brick-and-mortar enterprises behind in terms of growth. Brick and mortar companies are frequently turning to having an online or e-commerce-focused equivalent. E-commerce websites are now regularly used by people in the developed world and by an increasing number of people in the developing world for daily purchases. Even said, there is still much to be desired and e-commerce is not very widespread in the developing world. This essay describes the various facets of creating an e-commerce website as well as the best way to overcome the difficulties in doing so. It includes domain modelling, architectural design, and the planning process, which begins with establishing the use case.

3.Planning Process

Our goal was to develop a web application that would be attractive enough, have a professional look and user friendly. So that people of all age groups would be its end users. Our job started with subdividing the entire task and setting milestones. The milestones would be a marker of percentage of the work actually accomplished and success story. The entire planning process took the following steps

A. Defining Use Case Models Writing use cases or stories of using a system – an excellent technique to understand and describe requirements. An end user with internet browsing facility enabled registers into our site and logs into our site. Finds products of his interest using the search option. Adds them into the shopping cart and finally orders the products online when the electronic copy of the bill is automatically generated. So, from the stated use case model we found out the following to be the primary requirements:

- A registration page
- Search option
- Shopping cart
- Billing system

B. Domain Modeling As with most of the web applications developed using the Object Oriented Programming (OOP) we followed the same. So we moved forward for Object Oriented (OO) analysis. Which emphasizes on finding and describing the objects – or concepts – in the problem domain. For example a product in our system is an object.

C. Architectural Pattern Our application has been developed using the standard “Model-View-Controller” pattern. Model view controller (MVC) is an application architectural pattern for implementing user interfaces. It divides the application into three interconnected parts; so as to separate internal representations of information from the ways that information is presented to accept from the user. ‘Codeigniter’ is an open source web development framework that provided us with the support to build our application using PHP following MVC pattern

4.Problem In Ecommerce System

The E-commerce Management System has various flaws in it as because of which most of the people don't use the system even though it has several advantages over traditional stores. The biggest problem is that it takes at least a day to deliver a product to the customer. While some other issues are a duplication of the product means the product is shown on the web some time differs with the original product due to which next time that customer go to buy the product through the traditional type of store.

5. Proposed Work

The E-commerce Management System has many advantages, compare to traditional store as one can compare the cost of a product with other e-commerce websites, and if a user dislikes any product he/she can return it. While we can make use of the current technology to overcome the problem with the existing system. The E-commerce Management System companies can use a flying robot, so when a user places an order, the company will send the product through the robot. The robot will find the user by using the GPS, and in this way, we can reduce the time to deliver a product. While before sending a product the e-commerce company will check the product that it is same or not with the requested order.

6. Technology Used

- Front End Development The front end was initially raw coded using JavaScript. JavaScript is a client side scripting language which is a dedicated language for web development. JavaScript code was simply mixed with the Hypertext Mark-up Language (HTML) code. Hypertext mark-up language is the language used to design the web pages of an application. A static page is an HTML document that is stored on the web server and does not change.
- This was performed by Cascading Style Sheet (CSS). CSS is a style sheet language used for describing the look and formatting a document written in a mark-up language. These CSS files are linked with the class files with .php extensions to put the panels in order, the text with correct font, size and colour. We introduced JavaScript in our application. JavaScript is a client side scripting language most commonly used as part of web browsers and its implementations allow client side scripts to interact with the user, control the browser, communicate asynchronously and alter the document content that is displayed.
- For example, in our website the clients while registering are asked to provide their specifications which contains their name, email address, age, etc. If they miss any of the criteria then immediately the browser asks him for filling the particular field. This is implemented by a JavaScript. We also introduced bootstrap program in our application which supports creation of animations.

7. Working Code

➤ Index.html

```
<!DOCTYPE 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>Responsive Ecommerce Template</title>
  <link rel="stylesheet" href="style.css" />
  <link rel="stylesheet" href="script.js">
  <link rel="stylesheet" href="readme.md">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">
</head>

<body>
  <section class="header">
    <a href="#"></a>
    <nav>
      <ul id="navbar" class="navbar">
        <li><a class="active" href="index.html">Home</a></li>
        <li><a href="shop.html">Shop</a></li>
        <li><a href="blog.html">Blog</a></li>
        <li><a href="about.html">About</a></li>
        <li><a href="contact.html">Contact</a></li>
        <li id="lg-bag"><a href="cart.html"><ion-icon name="bag-handle"></ion-icon></a></li>
        <a href="#" id="close"><i class="fas fa-times"></i></a>
      </ul>
    </nav>
    <div class="mobile">
      <a href="cart.html"><ion-icon name="bag-handle"></ion-icon></a>
      <i id="bar" class="fas fa-outdent"></i>
    </div>
  </section>
```

```
<section class="hero">
  <h4>Trade-in-offer</h4>
  <h2>Super value deals</h2>
  <h1>On all products</h1>
  <p>Save more with coupons & get upto 70% off!</p>
  <a href="shop.html">
    <button type="button">Shop Now</button>
  </a>
</section>

<section class="feature section-p1">
  <div class="feature__box">
    
    <h6>Free Shipping</h6>
  </div>
  <div class="feature__box">
    
    <h6>Timely Delivery</h6>
  </div>
  <div class="feature__box">
    
    <h6>Save Money</h6>
  </div>
  <div class="feature__box">
    
    <h6>Promotions</h6>
  </div>
  <div class="feature__box">
    
    <h6>Rewards</h6>
  </div>
  <div class="feature__box">
    
  </div>
</section>
```

```

        <h6>24/7 Support</h6>
    </div>
</section>

<section class="product1 section-p1">
    <h2>Featured Products</h2>
    <p>Summer Collection New Modern Design</p>
    <div class="product1__container">
        <div class="pro">
            
            <div class="desc">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirt</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>Rs150</h4>
            </div>
            <a href="#"><ion-icon name="cart" class="cart"></ion-icon></a>
        </div>
        <div class="pro">
            
            <div class="desc">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirt</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>Rs149</h4>
            </div>
            <a href="#"><ion-icon name="cart" class="cart"></i></a>
        </div>
    </div>
</div>

```

```


<div class="desc">
  <span>adidas</span>
  <h5>Cartoon Astronaut T-shirt</h5>
  <div class="star">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
  </div>
  <h4>Rs199</h4>
</div>
<a href="#"><i><ion-icon name="cart" class="cart"></i></a>
</div>
<div class="pro">
  
  <div class="desc">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirt</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>Rs175</h4>
  </div>
  <a href="#"><i><ion-icon name="cart" class="cart"></i></a>
</div>
<div class="pro">
  
  <div class="desc">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirt</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>

```

```

        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
    </div>
    <h4>Rs155</h4>
</div>
<a href="#"><ion-icon name="cart" class="cart"></a>
</div>
<div class="pro">
    
    <div class="desc">
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirt</h5>
        <div class="star">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
        </div>
        <h4>Rs145</h4>
    </div>
    <a href="#"><ion-icon name="cart" class="cart"></a>
</div>
<div class="pro">
    
    <div class="desc">
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirt</h5>
        <div class="star">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
        </div>
        <h4>Rs139</h4>
    </div>
    <a href="#"><ion-icon name="cart" class="cart"></a>
</div>
<div class="pro">

```

```

        
        <div class="desc">
            <span>adidas</span>
            <h5>Cartoon Astronaut T-shirt</h5>
            <div class="star">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
            </div>
            <h4>Rs179</h4>
        </div>
        <a href="#"><i class="fas fa-shopping-cart"></i></a>
    </div>
</div>
</section>

<section class="banner section-m1">
    <h4>Repair Services</h4>
    <h2>Up to <span>70% Off</span> - All t-Shirts & Accessories</h2>
    <button class="normal">Explore More</button>
</section>

<section class="product1 section-p1">
    <h2>New Arrivals</h2>
    <p>Summer Collection New Modern Design</p>
    <div class="product1__container">
        <div class="pro">
            
            <div class="desc">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirt</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>Rs299</h4>
            </div>
        </div>
    </div>

```

```

    </div>
    <a href="#"><ion-icon name="cart" class="cart"></a>
</div>
<div class="pro">
  
  <div class="desc">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirt</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>Rs275</h4>
  </div>
  <a href="#"><ion-icon name="cart" class="cart"></a>
</div>
<div class="pro">
  
  <div class="desc">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirt</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>Rs299</h4>
  </div>
  <a href="#"><ion-icon name="cart" class="cart"></a>
</div>
<div class="pro">
  
  <div class="desc">
    <span>adidas</span>

```

```

<h5>Cartoon Astronaut T-shirt</h5>
<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>Rs245</h4>
</div>
<a href="#"><i class="ion-icon name="cart" class="cart"></i></a>
</div>
<div class="pro">
  
  <div class="desc">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirt</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>Rs239</h4>
  </div>
  <a href="#"><i class="ion-icon name="cart" class="cart"></i></a>
</div>
<div class="pro">
  
  <div class="desc">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirt</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>Rs189</h4>
  </div>

```



```

    </div>
    <a href="#"><ion-icon name="cart" class="cart"></i></a>
</div>
<div class="pro">
    
    <div class="desc">
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirt</h5>
        <div class="star">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
        </div>
        <h4>Rs275</h4>
    </div>
    <a href="#"><ion-icon name="cart" class="cart"></a>
</div>
<div class="pro">
    
    <div class="desc">
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirt</h5>
        <div class="star">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
        </div>
        <h4>Rs186</h4>
    </div>
    <a href="#"><ion-icon name="cart" class="cart"></a>
</div>
</div>
</section>

<section class="sm-banner section-p1">
    <div class="banner-box">
        <h4>crazy deals</h4>
    </div>
</section>

```

```

    <h2>buy 1 get 1 free</h2>
    <span>The best classic dress is on sale from cara</span>
    <button class="white">Learn More</button>
  </div>
  <div class="banner-box banner-box2">
    <h4>spring/summer</h4>
    <h2>upcoming season</h2>
    <span>The best classic dress is on sale from cara</span>
    <button class="white">Collection</button>
  </div>
</section>

<section class="banner3">
  <div class="banner-box">
    <h2>SEASONAL SALE</h2>
    <h3>Winter Collection - 50% OFF</h3>
  </div>
  <div class="banner-box banner-box2">
    <h2>NEW FOOTWEAR COLLECTION</h2>
    <h3>Spring/Summer 2022</h3>
  </div>
  <div class="banner-box banner-box3">
    <h2>T-SHIRTS</h2>
    <h3>New Trendy Prints</h3>
  </div>
</section>

<section class="newsletter section-p1 section-m1">
  <div class="newsletter__text">
    <h4>Sign Up For Newsletters</h4>
    <p>Get E-mail updates about our latest shop and <span>special
offers.</span></p>
  </div>
  <div class="newsletter__form">
    <input type="text" placeholder="Your email address">
    <button class="normal">Sign Up</button>
  </div>
</section>

<footer class="section-p1">
  <div class="col">
    
    <h4>Contact</h4>

```

```

    <p><strong>Address: </strong>Vill-Selkhera, Post-Patlauni, Block-Baldeo,
Tehsil-Mahavan, Distt-Mathura, U.P</p>
    <p><strong>Phone: </strong>(+91)8791465085/ (+91)9719197458</p>
    <p><strong>Hours: </strong>10:00 - 18:00, Mon - Sat</p>
    <div class="follow">
        <h4>Follow Us</h4>
        <div class="icon">
            <i class="fa-brands fa-facebook-f"></i>
            <i class="fa-brands fa-twitter"></i>
            <i class="fa-brands fa-instagram"></i>
            <i class="fa-brands fa-pinterest-p"></i>
            <i class="fa-brands fa-youtube"></i>
        </div>
    </div>
</div>

<div class="col">
    <h4>About</h4>
    <a href="#">About</a>
    <a href="#">Delivery Information</a>
    <a href="#">Privacy Policy</a>
    <a href="#">Terms & Conditions</a>
    <a href="#">Contact Us</a>
</div>

<div class="col">
    <h4>My Account</h4>
    <a href="#">Sign In</a>
    <a href="#">View Cart</a>
    <a href="#">My Wishlist</a>
    <a href="#">Track My Orders</a>
    <a href="#">Help</a>
</div>

<div class="col install">
    <h4>Install App</h4>
    <p>From App Store or Google Play</p>
    <div class="row">
        
        
    </div>

```

```

    <p>Secure Payment Gateways</p>
    
  </div>

  <div class="copyright">
    <p>© 2023, MegaShop - Best Deals Every Day</p>
  </div>
</footer>

  <script src="script.js"></script>
</body>
</html>
<script type="module"
src="https://unpkg.com/ionicons@7.1.0/dist/ionicons/ionicons.esm.js"></script>
<script nomodule
src="https://unpkg.com/ionicons@7.1.0/dist/ionicons/ionicons.js"></script>

```

➤ Style.css

```

➤ *{
➤   margin: 0;
➤   padding: 0;
➤ }
➤ :root{
➤   --green: #088178;
➤   --grey: #E3E6F3;
➤   --heading_color: #222;
➤   --paragraph_color: #465b52;
➤   /* --green: #cce7d0; */
➤ }
➤
➤ *, *::before, *::after{
➤   box-sizing: border-box;
➤   margin: 0;
➤   padding: 0;
➤ }
➤
➤ body{
➤   width: 100%;

```

```
➤ font-family: 'Spartan', sans-serif;
➤ }
➤
➤ h1{
➤ font-size: 3.125rem; /* 50px */
➤ line-height: 4rem; /* 64px */
➤ color: var(--heading_color);
➤ }
➤
➤ h2{
➤ font-size: 2.875rem; /* 46px */
➤ line-height: 3.375rem; /* 54px */
➤ color: var(--heading_color);
➤ }
➤
➤ h4{
➤ font-size: 1.25rem; /* 20px */
➤ color: var(--heading_color);
➤ }
➤
➤ h6{
➤ font-size: 0.75rem; /* 12px */
➤ font-weight: 700;
➤ }
➤
➤ p{
➤ font-size: 1rem; /* 16px */
➤ color: var(--paragraph_color);
➤ margin: 1rem 0 1.25rem 0; /* 16px 0 20px 0 */
➤ }
➤
➤ button.normal{
➤ font-size: 14px;
➤ font-weight: 600;
➤ padding: 15px 30px;
➤ background-color: #fff;
➤ color: #000;
➤ border-radius: 4px;
➤ cursor: pointer;
➤ border: none;
➤ outline: none;
➤ transition: 0.2s ease;
➤ }
➤
```

```

➤ button.white{
➤   font-size: 13px;
➤   font-weight: 600;
➤   padding: 11px 18px;
➤   background-color: transparent;
➤   color: #fff;
➤   cursor: pointer;
➤   border: 1px solid #fff;
➤   outline: none;
➤   transition: 0.2s ease;
➤ }
➤
➤ .section-p1{
➤   padding: 2.5rem 5rem;    /* 40px 80px*/
➤ }
➤
➤ .section-m1{
➤   margin: 2.5rem 0;        /* 40px 0 */
➤ }
➤
➤ /* Header Start */
➤ .header{
➤   background-color: #E3E6F3;
➤   display: flex;
➤   justify-content: space-between;
➤   align-items: center;
➤   padding: 1.25rem 5rem;    /* 20px 80px */
➤   box-shadow: 0 5px 15px rgba(0,0,0,0.06);
➤   z-index: 999;
➤   position: sticky;
➤   top: 0;
➤   left: 0;
➤ }
➤ .logo{
➤   width: 90px;
➤   height: 50px;
➤   border: 1px solid black;
➤   border-radius: 20px;
➤ }
➤ .navbar{
➤   display: flex;
➤   justify-content: center;
➤   align-items: center;
➤ }

```

```

➤ .navbar li{
➤   list-style: none;
➤   /* padding-left: 1.125rem; */
➤   padding: 0 1.125rem; /* 18px */
➤   position: relative;
➤ }
➤
➤ .navbar li a{
➤   text-decoration: none;
➤   font-size: 1rem; /* 16px */
➤   font-weight: 600;
➤   color: #1a1a1a;
➤   transition: 0.3s ease;
➤ }
➤
➤ .navbar li a:hover,
➤ .navbar li a.active{
➤   color: var(--green);
➤ }
➤
➤ .navbar li a.active::after,
➤ .navbar li a:hover::after{
➤   content: "";
➤   width:30%;
➤   height: 0.125rem; /* 2px */
➤   background-color: var(--green);
➤   position: absolute;
➤   bottom: -0.25rem; /* 4px */
➤   left: 1.25rem; /* 20px */
➤ }
➤
➤ .mobile{
➤   display: none;
➤   /* align-items: center; */
➤ }
➤
➤ #close{
➤   display: none;
➤ }
➤
➤ /* Home Page */
➤ .hero{
➤   background-image: url("img/hero1.png");
➤   height:90vh;
➤   width:100%;

```

```

➤ background-size: cover;
➤ background-position: top 25% right 0;
➤ display: flex;
➤ flex-direction: column;
➤ justify-content: center;
➤ align-items: flex-start;
➤ padding: 1.25rem 5rem;      /* 20px 80px */
➤ }
➤
➤ .hero h4{
➤   padding-bottom: 1rem;
➤ }
➤
➤ .hero h1{
➤   color: var(--green);
➤ }
➤
➤ .hero button{
➤   background-image: url("img/button.png");
➤   background-color: transparent;
➤   color: var(--green);
➤   border: 0;
➤   padding: 1rem 5rem 1rem 4rem;
➤   background-repeat: no-repeat;
➤   cursor: pointer;
➤   font-weight: 700;
➤   font-size: 0.94rem;      /* 15px */
➤ }
➤
➤ .feature{
➤   display: flex;
➤   justify-content: space-between;
➤   align-items: center;
➤   flex-wrap: wrap;
➤ }
➤
➤ .feature__box{
➤   width: 11.25rem;          /* 180px */
➤   text-align: center;
➤   padding: 1.5rem 1rem;     /* 24px 16px*/
➤   box-shadow: 1.25rem 2.125rem rgba(0,0,0,0.03);          /*
20px 34px */
➤   border: 1px solid #cce7d0;
➤   border-radius: 0.25rem;    /* 4px */

```



```

➤     margin: 0.94rem 0;           /* 15px */
➤ }
➤
➤ .feature__box:hover{
➤     box-shadow: 0.625rem 0.625rem 3.375rem
➤     rgba(70,62,221,0.1);        /* 10px 10px 54px */
➤     /* increase x increase y reduce radius */
➤ }
➤
➤ .feature__box img{
➤     width:100%;
➤     /* margin-bottom: 10px; */
➤ }
➤
➤ .feature__box h6{
➤     background-color: #fddde4;
➤     color: var(--green);
➤     padding: 9px 8px 6px 8px;
➤     line-height: 1;
➤     border-radius: 0.25 rem;
➤     display: inline-block;      /* to reduce padding effect */
➤ }
➤
➤ .feature__box:nth-child(2) h6{
➤     background-color: #cdebbs;
➤ }
➤
➤ .feature__box:nth-child(3) h6{
➤     background-color: #d1e8f2;
➤ }
➤
➤ .feature__box:nth-child(4) h6{
➤     background-color: #cdd4f8;
➤ }
➤
➤ .feature__box:nth-child(5) h6{
➤     background-color: #f6dbf6;
➤ }
➤
➤ .feature__box:nth-child(6) h6{
➤     background-color: #fff2e5;

```

```

> }
>
> .product1{
>     text-align: center;
> }
>
> .product1__container{
>     display: flex;
>     flex-wrap: wrap;
>     justify-content: space-between;
>     padding-top: 20px;
> }
>
> .product1 .pro{
>     width: 23%;
>     min-width: 250px;
>     padding: 10px 12px;
>     border: 1px solid #cce7d0 ;
>     border-radius: 25px;
>     cursor: pointer;
>     box-shadow: 20px 20px 30px rgba(0,0,0,0.02);
>     margin: 15px 0;
>     transition: 0.2s ease;
>     position: relative;
> }
>
> .product1 .pro:hover{
>     box-shadow: 20px 20px 30px rgba(0,0,0,0.06);
> }
>
> .product1 .pro img{
>     max-width: 100%;
>     border-radius: 20px;
> }
>
> .product1 .pro .desc{
>     text-align: start;
>     padding: 10px 0;
> }
>
> .product1 .pro .desc span{
>     color: #606063;
>     font-size: 12px;
> }

```

```

➤ .product1 .pro .desc h5{
➤     padding-top: 7px;
➤     color: #1a1a1a;
➤     font-size: 14px;
➤ }
➤
➤ .product1 .pro .desc i{
➤     font-size: 12px;
➤     color: rgb(243,181,25);
➤ }
➤ .product1 .pro .desc i:hover{
➤     color: yellow;
➤ }
➤
➤ .product1 .pro .desc h4{
➤     padding-top: 7px;
➤     font-size: 15px;
➤     font-weight: 700;
➤     color: var(--green);
➤ }
➤
➤ .product1 .pro .cart{
➤     width: 40px;
➤     height: 40px;
➤     line-height: 40px;
➤     border-radius: 50px;
➤     background-color: #e8f6ea;
➤     /* font-weight: 500; */
➤     color: var(--green);
➤     border: 1px solid #cce7d0;
➤     position: absolute;
➤     bottom: 20px;
➤     right: 10px;
➤ }
➤
➤ .banner{
➤     display: flex;
➤     flex-direction: column;
➤     justify-content: center;
➤     align-items: center;
➤     text-align: center;
➤     background-image: url("img/b2.jpg");
➤     background-size: cover;
➤     background-position: center;

```

```

➤ width: 100%;
➤ height: 40vh;
➤ }
➤
➤ .banner h4{
➤   color: #fff;
➤   font-size: 16px;
➤ }
➤
➤ .banner h2{
➤   color: #fff;
➤   font-size: 20px;
➤   padding: 10px 0;
➤ }
➤
➤ .banner h2 span{
➤   color: #ef3636;
➤ }
➤
➤ .banner button:hover{
➤   background-color: var(--green);
➤   color: #fff;
➤ }
➤
➤ .sm-banner{
➤   display: flex;
➤   justify-content: space-between;
➤   flex-wrap: wrap;
➤ }
➤
➤ .sm-banner .banner-box{
➤   display: flex;
➤   flex-direction: column;
➤   align-items: flex-start;
➤   justify-content: center;
➤   background-image: url("img/b10\1\).webp");
➤   background-size: cover;
➤   background-position: center;
➤   /* min-width: max(580px,49%); */
➤   min-width: 580px;
➤   height: 50vh;
➤   padding: 30px;
➤   /* margin: 10px 0; */
➤ }

```

```

➤ .sm-banner .banner-box2{
➤   background-image: url("img/b10.webp");
➤ }
➤
➤ .sm-banner h4{
➤   color: #fff;
➤   font-size: 20px;
➤   font-weight: 300;
➤ }
➤
➤ .sm-banner h2{
➤   color: #fff;
➤   font-size: 28px;
➤   font-weight: 800;
➤ }
➤
➤ .sm-banner span{
➤   color: #fff;
➤   font-size: 14px;
➤   font-weight: 500;
➤   padding-bottom: 15px;
➤ }
➤
➤ .sm-banner .banner-box:hover button{
➤   background-color: var(--green);
➤   border: 1px solid var(--green);
➤ }
➤
➤ .banner3{
➤   display: flex;
➤   justify-content: space-between;
➤   flex-wrap: wrap;
➤   padding: 0 80px;
➤ }
➤
➤ .banner3 .banner-box{
➤   display: flex;
➤   flex-direction: column;
➤   align-items: flex-start;
➤   justify-content: center;
➤   background-image: url("img/b7.jpg");
➤   background-size: cover;
➤   background-position: center;
➤   min-width: 30%;
➤   height: 30vh;

```

```

➤ padding: 20px;
➤ margin-bottom: 20px;
➤ }
➤
➤ .banner3 h2{
➤     color: #fff;
➤     font-weight: 900;
➤     font-size: 22px;
➤ }
➤
➤ .banner3 h3{
➤     color: #ec544e;
➤     font-weight: 800;
➤     font-size: 15px;
➤ }
➤
➤ .banner3 .banner-box2{
➤     background-image: url("img/b4(1).jpg");
➤ }
➤
➤ .banner3 .banner-box3{
➤     background-image: url("img/b18.jpg");
➤ }
➤
➤ .newsletter{
➤     display: flex;
➤     justify-content: space-between;
➤     align-items: center;
➤     flex-wrap: wrap;
➤     /* padding: 40px 80px; */
➤     background-image: url(img/banner/b14.png);
➤     background-repeat: no-repeat;
➤     background-position: 20% 30%;
➤     background-color: #041e42;
➤ }
➤
➤ .newsletter__text h4{
➤     font-size: 22px;
➤     font-weight: 700;
➤     color: #fff;
➤ }
➤
➤ .newsletter__text p{
➤     font-size: 14px;
➤     font-weight: 600;

```

```

>     color: #818ea0;
> }
>
> .newsletter__text p span{
>     color: #ffbd27;
> }
>
> .newsletter__form{
>     display: flex;
>     width: 40%;
>     height: 80%;
> }
>
> .newsletter__form input{
>     height: 3.125rem;
>     padding: 0 1.25em;
>     font-size: 14px;
>     width: 100%;
>     border: 1px solid transparent;
>     border-radius: 4px;
>     border-top-right-radius: 0;
>     border-bottom-right-radius: 0;
>     outline: none;
> }
>
> .newsletter__form button{
>     background-color: var(--green);
>     height: 62%;
>     margin-top: 7px;
>     color: #fff;
>     white-space: nowrap;
>     border-top-left-radius: 0;
>     border-bottom-left-radius: 0;
> }
>
> .newsletter__form button:hover{
>     background-color: blue;
> }
>
> footer{
>     display: flex;
>     flex-wrap: wrap;
>     justify-content: space-between;
>     /* background-color: rgb(177, 43, 226); */
> }

```

```
➤ footer .col{
➤   display: flex;
➤   flex-direction: column;
➤   align-items: flex-start;
➤   margin-bottom: 20px;
➤ }
➤
➤ footer .logo{
➤   margin-bottom: 30px;
➤ }
➤
➤ footer h4{
➤   font-size: 14px;
➤   padding-bottom: 20px;
➤ }
➤
➤ footer p{
➤   font-size: 13px;
➤   margin: 0 0 8px 0;
➤ }
➤
➤ footer a{
➤   font-size: 13px;
➤   text-decoration: none;
➤   color: #222;
➤   margin: 0 0 10px 0;
➤ }
➤
➤ footer .follow{
➤   margin-top: 20px;
➤ }
➤
➤ footer .follow i{
➤   color: #465b52;
➤   padding-right: 4px;
➤   cursor: pointer;
➤ }
➤
➤ footer .follow i:hover,
➤ footer a:hover{
➤   color: var(--green);
➤ }
➤
➤ footer .install .row img{
```



```

➤     border: 1px solid var(--green);
➤     border-radius: 6px;
➤ }
➤
➤ footer .install img{
➤     margin: 10px 0 15px 0;
➤ }
➤
➤ footer .copyright{
➤     width: 100%;
➤     text-align: center;
➤ }
➤
➤ body, h1, h2, p, ul {
➤     margin: 0;
➤     padding: 0;
➤ }
➤
➤ /* Basic styles */
➤ body {
➤     font-family: Arial, sans-serif;
➤     line-height: 1.6;
➤ }
➤ /* about.css */
➤ main {
➤     padding: 0px;
➤     padding-bottom: 0px;
➤ }
➤
➤ .container {
➤     max-width: 800px;
➤     margin: 0 auto;
➤ }
➤
➤ .about h1 {
➤     font-size: 2em;
➤     margin-bottom: 20px;
➤ }
➤
➤ .about h2 {
➤     font-size: 1.5em;
➤     margin-top: 30px;
➤     margin-bottom: 10px;
➤ }
➤

```

```

➤ .about ul {
➤   list-style: disc inside;
➤   margin-bottom: 20px;
➤ }
➤
➤ .about{
➤   background-image: url("img/bc2.webp");
➤   background-size: 100% 100%;
➤   padding: 0;
➤   margin: 0;
➤ }
➤ /* .newsletter section-p1 section-m1{
➤   padding: 0px;
➤ } */
➤ /* Blog.css*/
➤ main {
➤   padding: 20px;
➤   background-image: url("img/bc1.jpeg");
➤   background-repeat: no-repeat;
➤   background-size: cover;
➤ }
➤
➤ .container {
➤   max-width: 800px;
➤   margin: 0 auto;
➤   /* background-color: lavender; */
➤ }
➤ .container{
➤   background-color: lavender;
➤ }
➤
➤ .blog-posts {
➤   margin-top: 20px;
➤   /* background-color: gray; */
➤ }
➤
➤ .blog-post {
➤   margin-bottom: 40px;
➤   background-color: powderblue;
➤ }
➤
➤ .blog-post h2 {
➤   font-size: 1.8em;
➤   margin-bottom: 10px;

```

```

➤     text-align: center;
➤     justify-content: center;
➤ }
➤ .container h1{
➤     text-align: center;
➤     justify-content: center;
➤ }
➤
➤ .post-meta {
➤     color: #777;
➤     margin-bottom: 10px;
➤ }
➤
➤ .read-more {
➤     display: inline-block;
➤     padding: 8px 16px;
➤     background-color: #ff6600;
➤     color: #fff;
➤     text-decoration: none;
➤     border-radius: 4px;
➤ }
➤
➤ /* contact.css */
➤ * {
➤     box-sizing: border-box;
➤ }
➤
➤ /* Style inputs */
➤ input[type=text], select, textarea {
➤     width: 100%;
➤     padding: 12px;
➤     border: 1px solid #ccc;
➤     margin-top: 6px;
➤     margin-bottom: 16px;
➤     resize: vertical;
➤ }
➤
➤ input[type=submit] {
➤     background-color: #04AA6D;
➤     color: white;
➤     padding: 12px 20px;
➤     border: none;
➤     cursor: pointer;
➤ }

```

```

➤ input[type=submit]:hover {
➤     background-color: #45a049;
➤ }
➤
➤ /* Style the container/contact section */
➤ .container {
➤     border-radius: 5px;
➤     background-color: #f2f2f2;
➤     padding: 10px;
➤ }
➤
➤ /* Create two columns that float next to eachother */
➤ .column {
➤     float: left;
➤     width: 50%;
➤     margin-top: 6px;
➤     padding: 20px;
➤ }
➤
➤ /* Clear floats after the columns */
➤ .row:after {
➤     content: "";
➤     display: table;
➤     clear: both;
➤ }
➤
➤ /* Responsive layout - when the screen is less than 600px wide,
make the two columns stack on top of each other instead of next to
each other */
➤ @media screen and (max-width: 600px) {
➤     .column, input[type=submit] {
➤         width: 100%;
➤         margin-top: 0;
➤     }
➤ }
➤
➤ /* Shop Page */
➤
➤ /* Single Product */
➤
➤ /* Blog Page */
➤
➤ /* About Page */
➤
➤ /* Cart Page */

```

```

> /* Start Media Query*/
>
> @media (max-width: 799px){
>   .section-p1{
>     padding:40px 40px;
>   }
>
>   .navbar{
>     display: flex;
>     flex-direction: column;
>     justify-content: flex-start;
>     align-items: flex-start;
>     position:fixed;
>     top:0;
>     right:-300px;
>     height:100vh;
>     width: 300px;
>     background-color: #E3E6F3;
>     box-shadow: 0 40px 60px rgba(0,0,0,0.1);
>     padding:80px 0 0 10px;
>   }
>
>   .navbar li{
>     margin-bottom: 25px;
>   }
>
>   .navbar.active{
>     right:0px;
>   }
>
>   .mobile{
>     display: flex;
>     align-items: center;
>   }
>
>   .mobile i{
>     color: #1a1a1a;
>     font-size: 24px;
>     padding-left: 20px;
>   }
>
>   #close{
>     display: initial;

```

```
➤      position: absolute;
➤      top: 30px;
➤      left: 30px;
➤      color: #222;
➤      font-size: 24px;
➤  }
➤
➤  #lg-bag{
➤      display: none;
➤  }
➤
➤  .hero {
➤      height: 70vh;
➤      padding: 0px 80px;
➤      background-position: top 30% right 30%;
➤  }
➤
➤  .feature {
➤      justify-content: center;
➤  }
➤
➤  .feature__box {
➤      margin: 15px 15px;
➤  }
➤
➤  .product1__container {
➤      justify-content: center;
➤  }
➤
➤  .product1 .pro {
➤      margin: 15px;
➤  }
➤
➤  .banner {
➤      height: 20vh;
➤  }
➤
➤  .sm-banner .banner-box {
➤      min-width: 100%;
➤      height: 30vh;
➤  }
➤
➤  .banner3 {
➤      padding: 0 40px;
➤  }
```

```
➤ .banner3 .banner-box {
➤   width: 28%;
➤ }
➤
➤ .newsletter__form {
➤   width: 70%;
➤ }
➤ }
➤
➤ @media (max-width: 477px){
➤   .section-p1{
➤     padding: 20px;
➤   }
➤
➤   .header {
➤     padding: 10px 30px;
➤   }
➤
➤   .hero {
➤     padding: 0px 20px;
➤     background-position: 55%;
➤   }
➤
➤   h1 {
➤     font-size: 38px;
➤   }
➤
➤   h2 {
➤     font-size: 32px;
➤   }
➤
➤   .feature {
➤     justify-content: space-between;
➤   }
➤
➤   .feature__box {
➤     width: 155px;
➤     margin: 0 0 15px 0;
➤   }
➤
➤   .product1 .pro {
➤     width: 100%;
➤   }
➤ }
```

```
➤ .banner {  
➤     height: 40vh;  
➤ }  
➤  
➤ .sm-banner .banner-box {  
➤     height: 40vh;  
➤ }  
➤  
➤ .sm-banner .banner-box2 {  
➤     margin-top: 20px;  
➤ }  
➤  
➤ .banner3 {  
➤     padding: 0 20px;  
➤ }  
➤  
➤ .banner3 .banner-box {  
➤     width: 100%;  
➤ }  
➤  
➤ .newsletter {  
➤     padding: 40px 20px;  
➤ }  
➤  
➤ .newsletter__form {  
➤     width: 100%;  
➤ }  
➤  
➤ footer .copyright {  
➤     text-align: start;  
➤ }  
➤ }
```


8. References

- [1] Ruvalcaba, Z., & Boehm, A., “Introduction To The Web Development” in murach’s HTML5 and CSS3, 1sted., Fresno, CA: Mike Murach and Associates, Inc., 2012, pp. 4--7.
- [2] E.L.Thompson & S. D. Nowicki& T. Mayer,“Unified Modeling Language,”in Professional PHP6, 2nded.,Indianapolis,Indiana: Wiley, 2010, pp. 31–48.
- [3] Model-View-Controller.(2015).Retrieved from <http://en.wikipedia.org>
- [4] Cosper, A. (Ed.). (2015, August 12). Entrepreneur, Irvine, CA, USA.
- [5] CS-Cart. (n.d.). CS-Cart. Retrieved August 9, 2015, from <http://www.cscart.com/how-to-develop-an-ecommerce-website.html>
- [6] tuts. (n.d.). TUTOR+. Retrieved August 9, 2015, from tuts+: <http://code.tutsplus.com>

9. Github Links

<https://github.com/AmitParihar1/Ecommerce->