



**SCHOOL OF COMPUTER SCIENCE AND
ENGINEERING**

A WEB PAGE PORTAL FOR ONLINE SHOPPING

Done by

19BCE2358- GAURAV SRIVASTAVA

Course Code: CSE3002

Course Name: Internet and Web Programming

FALL-2021

Table of Contents

Sno.	Topic	Page Number
1.	Abstract	3
2.	Introduction	4
3.	Architecture Diagram	5
4.	Database Design	6
5.	Module Description	7
6.	Sample Code	8
7.	Screenshots	20
8.	Conclusion	25

ABSTRACT

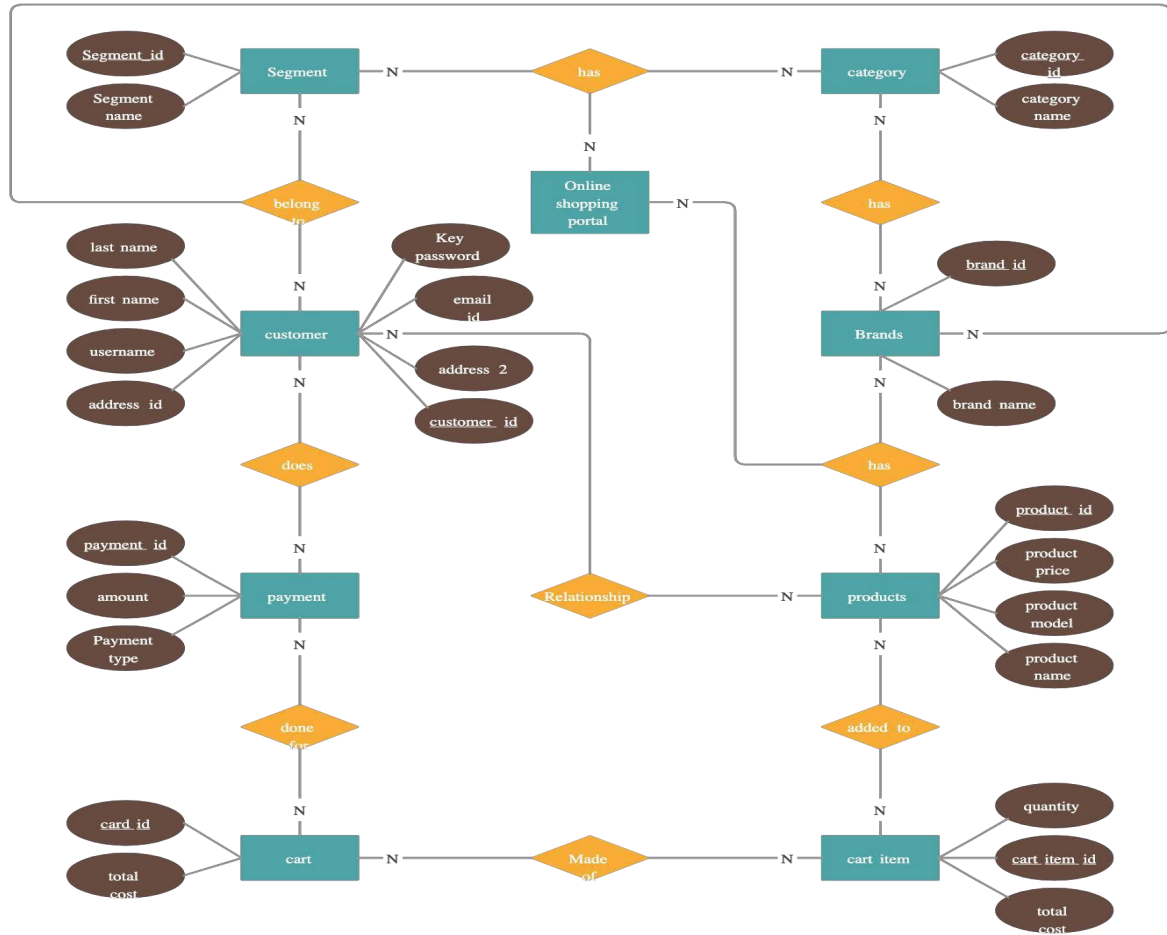
An online shopping framework that allows a client to submit online requests for things and additionally benefits from a store that serves both stroll in clients and online clients. The online shopping framework exhibits an online showcase of a request cut off time and a related conveyance window for things chosen by the client. The framework acknowledges the client's accommodation of a buy request for the thing in light of a period of accommodation being before the request cut off time. The online shopping framework doesn't settle with a credit provider of the client until the thing chosen by the client is picked from stock however before it is conveyed. Along these lines, the client can go online and make changes to the request. Likewise, accessible help windows are displayed to the client as an element of client chose request and administration types and further, the request picking is relegated as per a picker's inclination. When requesting merchandise, many shopping frameworks give a virtual shopping truck to hold things chosen for procurement. Progressive things chosen for buy are set into the virtual shopping truck until a client finishes their shopping trip. Virtual shopping trucks might be analysed whenever, and their substance can then subsequently also be altered or erased at the choice of the client. When the client chooses to present a buy request, the client may print the substance of the virtual shopping container so as to acquire a printed version record of the exchange.

INTRODUCTION

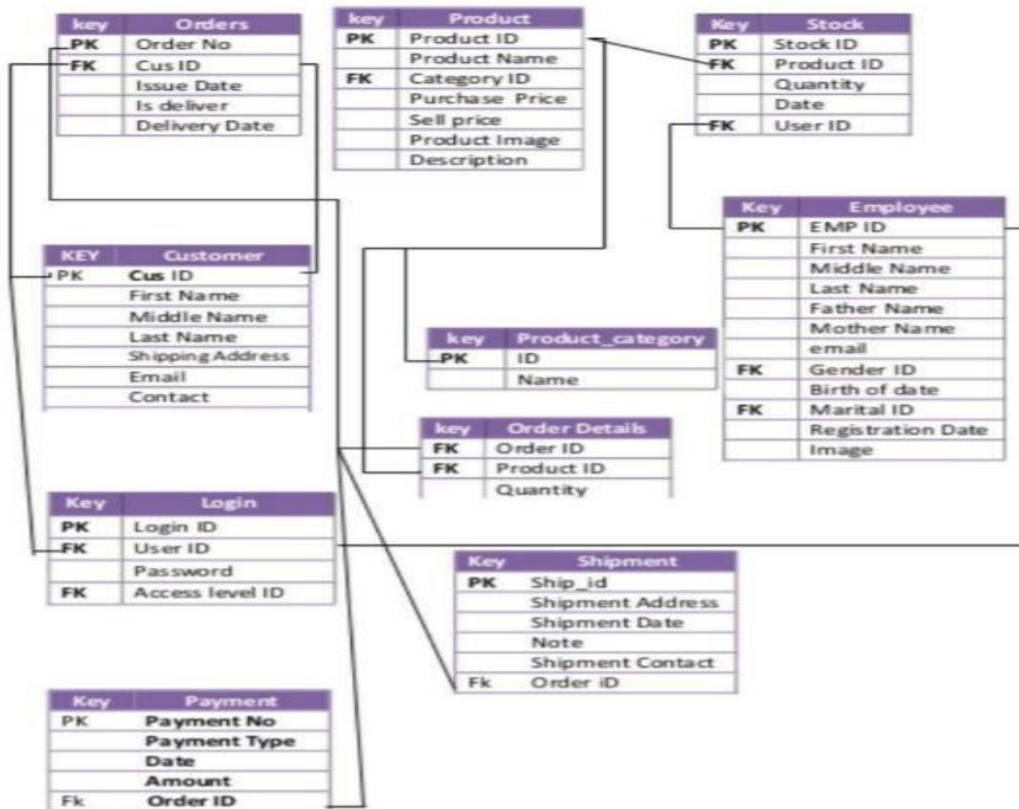
Our project largely has to deal with the creation followed by the subsequent usage of a relatively small —scaled Web Page Portal to be used for the purpose of Online Shopping for ECommerce related concurrent transactions by the users (akin to a minor scaled version of giants such as Amazon / Flipkart etc•). We have divided our entire project into 2 major parts —the Front-End and the Back-End portions respectively. The Front-End portion involves the usage of HTML (Hypertext Mark-up Language) for designing the structure (format) of our web- page and then CSS (Cascaded Style Sheets) for giving a proper design and definition to the HTML structure to make it appear more appealing and authentic / convincing to the user traffic on our page. Whereas the Back-End portion deals with the usage of creating a MySQL database relational schema on the PHPMyAdmin server using Xampp and having relations for the new user login, sign up, the customer_order details, the cart details, product_category details, product_brand details as well as the final checkout and payment_mode details.

In order to achieve the aforementioned and also to facilitate the dynamic usage of products / items selection and their addition or removal from the users shopping cart, we have also introduced a mixture of static as well as dynamic links triggered by the GET protocol used for the purpose of submission of targets. Also, PHP language was made use of for all the Back-End database handling and SQL query manipulation on the server side to incorporate the dynamic links during the runtime itself.

ARCHITECTURE DIAGRAM



DATABASE DESIGN



MODULE DESCRIPTION

We have 2 main modules and they are:

1. Admin Module

Admin will create all types of product Categories. In these Product categories, we will deal with items like electronics, electronic gadgets etc . Besides, the Admin will upload all the types of products based on categories respectively. In that, we divide Products into product aspects to store and retrieve on the server.

2. Customer Module

This module contains 5 sub modules:

2.1 Signup - The customer needs to signup to enter the system, i.e, our website, and see the variety of products available and choose accordingly.

2.2 Login - The customer needs to create an account, i.e, login to our site with their name, number, email, which will be stored in our database.

2.3 Home - The home button will be shown to the customer, clicking on which he will enter the home page of our website.

2.4 View product - A customer can view a product after logging in and has an option to buy that product if he is interested.

2.5 View Category - Customers can view the product category in which they are interested.

2.6 Filter product - The customer can filter products they want to view on the basis of price, popularity, sale or rating.

2.7 Add item - Customers can add items to cart for purchasing by clicking on the cart icon

2.8 Payments - Customer can pay for the product from this section.

2.9 Product details - Details for the particular product which the customer wants to see will be provided.

SAMPLE CODE (MAXIMUM 10 PAGES)

The entire code can be found at:

https://github.com/YuktiKholiwal/Iwp_project

INDEX.PHP

```
<?php
include "header.php";
include "body.php";
include "newslettter.php";
include "footer.php";
?>
```

HEADER.PHP

```
<?php
session_start();

?>

<!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">

    <title>Online Shopping</title>

    <link
href="https://fonts.googleapis.com/css?family=Montserrat:400,500,700"
rel="stylesheet">
    <link type="text/css" rel="stylesheet" href="css/bootstrap.min.css"/>
    <link type="text/css" rel="stylesheet" href="css/slick.css"/>
    <link type="text/css" rel="stylesheet" href="css/slick-theme.css"/>
    <link type="text/css" rel="stylesheet" href="css/nouislider.min.css"/>
    <link rel="stylesheet" href="css/font-awesome.min.css">
    <link type="text/css" rel="stylesheet" href="css/style.css"/>
    <link type="text/css" rel="stylesheet" href="css/accountbtn.css"/>
```



```

<style>
    #navigation {
        background: #FF4E50; /* fallback for old browsers */
        background: -webkit-linear-gradient(to right, #F9D423,
#FF4E50); /* Chrome 10-25, Safari 5.1-6 */
        background: linear-gradient(to right, #F9D423, #FF4E50); /* W3C,
IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

    }
    #header {

        background: #780206; /* fallback for old browsers */
        background: -webkit-linear-gradient(to right, #061161,
#780206); /* Chrome 10-25, Safari 5.1-6 */
        background: linear-gradient(to right, #061161, #780206); /* W3C,
IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

    }
    #top-header {

        background: #870000; /* fallback for old browsers */
        background: -webkit-linear-gradient(to right, #190A05,
#870000); /* Chrome 10-25, Safari 5.1-6 */
        background: linear-gradient(to right, #190A05, #870000); /* W3C,
IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

    }
    #footer {
        background: #7474BF; /* fallback for old browsers */
        background: -webkit-linear-gradient(to right, #348AC7,
#7474BF); /* Chrome 10-25, Safari 5.1-6 */
        background: linear-gradient(to right, #348AC7, #7474BF); /* W3C,
IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

        color: #1E1F29;
    }
    #bottom-footer {
        background: #7474BF; /* fallback for old browsers */
        background: -webkit-linear-gradient(to right, #348AC7, #7474BF);
        background: linear-gradient(to right, #348AC7, #7474BF);
    }
    .footer-links li a
    { color: #1E1F29;

```

```

    }
    .mainn-raised {
        margin: -7px 0px 0px;
        border-radius: 6px;
        box-shadow: 0 16px 24px 2px rgba(0, 0, 0, 0.14), 0 6px 30px 5px
        rgba(0, 0, 0, 0.12), 0 8px 10px -5px rgba(0, 0, 0, 0.2);

    }

    .glyphicon{ display: inline-block;
font: normal normal normal 14px/1 FontAwesome;
font-size: inherit;
text-rendering: auto;
-webkit-font-smoothing: antialiased;
-moz-osx-font-smoothing: grayscale;
}
.glyphicon-chevron-
    left:before{ content:"\f053"
}
.glyphicon-chevron-
    right:before{ content:"\f054"
}

</style>

</head>
<body>
<!-- HEADER -->
<header>
    <!-- MAIN HEADER -->
    <div id="header">
        <!-- container -->
        <div class="container">
            <!-- row -->
            <div class="row">
                <!-- LOGO -->
                <div class="col-md-3">
                    <div class="header-logo">
                        <a href="#" class="logo">
                            <font style="font-style:normal; font-size: 33px;color:
aliceblue;font-family: serif"> VIT Shop </font>
                        </a>
                    </div>
                </div>
            </div>
            <!-- /LOGO -->

            <!-- SEARCH BAR -->
            <div class="col-md-6">

```

```

        <div class="header-search">
            <form>
                <input class="input" id="search" type="text"
placeholder="Search here">
                <button type="submit" id="search_btn" class="search-
btn">Search</button>
            </form>
        </div>
    </div>
    <!-- /SEARCH BAR -->

    <!-- ACCOUNT -->
    <div class="col-md-3 clearfix">
        <div class="header-ctn">
            <?php
                include "db.php";
                if(isset($_SESSION["uid"])){
                    $sql = "SELECT first_name FROM user_info WHERE
user_id='$_SESSION[uid]'";

                    $query = mysqli_query($con,$sql);
                    $row=mysqli_fetch_array($query);

                    echo '
                    <div class="dropdownn">
                        <a href="#" class="dropdownn" data-
toggle="modal" data-target="#myModal" ><i class="fa fa-user-o"></i> HI
' . $row["first_name"] . '</a>

                        <div class="dropdownn-content">
                            <a href="#" data-toggle="modal" data-
target="#profile"><i class="fa fa-user-circle" aria-hidden="true" ></i>My
Profile</a>

                            <a href="logout.php" ><i class="fa fa-
sign-in" aria-hidden="true"></i>Log out</a>

                        </div>
                    </div>';

                }else{
                    echo '
                    <div class="dropdownn">
                        <a href="#" class="dropdownn" data-
toggle="modal" data-target="#myModal" ><i class="fa fa-user-o"></i> My
Account</a>

                        <div class="dropdownn-content">
                            <a href="#" data-toggle="modal" data-
target="#Modal_login"><i class="fa fa-sign-in" aria-
hidden="true" ></i>Login</a>

```

```

                                <a href="" data-toggle="modal" data-
target="#Modal_register"><i class="fa fa-user-plus" aria-
hidden="true"></i>Register</a>

                                </div>
                                </div>';

                                }

                                ?>

<!-- Cart -->
<div class="dropdown">
    <a class="dropdown-toggle" data-toggle="dropdown" aria-
expanded="true">
        <i class="fa fa-shopping-cart"></i>
        <span>Cart</span>
        <div class="badge qty">0</div>
    </a>
    <div class="cart-dropdown" >
        <div class="cart-list" id="cart_product">

        </div>

        <div class="cart-btns">
            <a href="cart.php" style="width:100%;"><i class="fa
fa-edit"></i> edit cart</a>

        </div>
    </div>

</div>

<!-- /Cart -->

<!-- Menu Toogle -->
<div class="menu-toggle">
    <a href="#">
        <i class="fa fa-bars"></i>
        <span>Menu</span>
    </a>
</div>
<!-- /Menu Toogle -->
</div>

<!-- /ACCOUNT -->
</div>

<!-- row -->
</div>

<!-- container -->
</div>

```

```

        <!-- /MAIN HEADER -->
    </header>
    <!-- /HEADER -->
    <nav id='navigation'>
        <!-- container -->
            <div class="container" id="get_category_home">

                </div>
            <!-- responsive-nav -->

        <!-- /container -->
    </nav>

    <!-- NAVIGATION -->

    <div class="modal fade" id="Modal_login" role="dialog">
        <div class="modal-dialog">

            <!-- Modal content-->
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-
dismiss="modal">&times;</button>

                </div>
                <div class="modal-body">
                    <?php
                        include "login_form.php";

                    ?>

                </div>

            </div>

        </div>

    </div>
    <div class="modal fade" id="Modal_register" role="dialog">
        <div class="modal-dialog" style="">

            <!-- Modal content-->
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-
dismiss="modal">&times;</button>

                </div>

            </div>

        </div>

    </div>

```

```

        <div class="modal-body">
        <?php
            include "register_form.php";

        ?>
        </div>

    </div>

</div>
</div>

```

NEWSLETTER.PHP

```

<div id="newsletter" class="section">
    <!-- container -->
    <div class="container">
        <!-- row -->
        <div class="row">
            <div class="col-md-12">

                <div class="newsletter">
                    <p>Sign Up for the
<strong>OFFERUPDATES</strong></p>
                    <form id="offer_form" onsubmit="return false">
                        <input class="input" type="email" id="email"
name="email" placeholder="Enter Your Email">
                        <button class="newsletter-btn" value="Sign Up"
name="signup_button" type="submit"><i class="fa fa-envelope"></i>
Subscribe</button>

                    </form>
                    <div class="" id="offer_msg">
                        <!--Alert from signup form-->
                    </div>
                    <ul class="newsletter-follow">
                        <li>
                            <a href="#"><i class="fa fa-
facebook"></i></a>

                        </li>
                        <li>
                            <a href="#"><i class="fa fa-
twitter"></i></a>

                        </li>
                        <li>
                            <a href="#"><i class="fa fa-
instagram"></i></a>

                        </li>
                        <li>

```

```

                                <a href="#"><i class="fa fa-
github"></i></a>
                                </li>
                                </ul>
                                </div>
                                </div>
                                </div>
                                <!-- /row -->
                                </div>
                                <!-- /container -->
                                </div>

```

FOOTER.PHP

```

<footer id="footer">
    <!-- top footer -->
    <div class="section">
        <!-- container -->
        <div class="container">
            <!-- row -->
            <div class="row">
                <div class="col-md-3 col-xs-6">
                    <div class="footer">
                        <h3 class="footer-title">About Us</h3>
                        <p>THIS PROJECT IS MADE BY:</p>
                        <ul >
                            <li><a href="#">YUKTI</a></li>
                            <li><a href="#">AYUSH</a></li>
                            <li><a href="#">GAURAV</a></li>
                            <li><a href="#">CYNTHIA</a></li>
                        </ul>
                    </div>
                </div>
                <div class="col-md-6 text-center" style="margin-
top:80px;">
                    <ul class="footer-payments">
                        <li><a href="#"><i class="fa fa-cc-
visa"></i></a></li>
                        <li><a href="#"><i class="fa fa-credit-
card"></i></a></li>
                        <li><a href="#"><i class="fa fa-cc-
paypal"></i></a></li>
                        <li><a href="#"><i class="fa fa-cc-
mastercard"></i></a></li>
                        <li><a href="#"><i class="fa fa-cc-
discover"></i></a></li>
                    </ul>
                </div>
            </div>
        </div>
    </div>

```

```

        <li><a href="#"><i class="fa fa-cc-
amex"></i></a></li>
    </ul>
    <span class="copyright">
        <!-- Link back to Colorlib can't be removed.
Template is licensed under CC BY 3.0. -->
        Copyright &copy;<script>document.write(new
Date().getFullYear());</script>
        All rights reserved
    </span>
</div>

<div class="col-md-3 col-xs-6">
    <div class="footer">
        <h3 class="footer-title">Categories</h3>
        <ul class="footer-links">
            <li><a href="#">Mobiles</a></li>
            <li><a href="#">Men</a></li>
            <li><a href="#">Women</a></li>
            <li><a href="#">Kids</a></li>
            <li><a href="#">Accessories</a></li>
        </ul>
    </div>
</div>

<div class="clearfix visible-xs"></div>

</div>
<!-- /row -->
</div>
<!-- /container -->
</div>
<!-- /top footer -->
<!-- bottom footer -->

<!-- /bottom footer -->
</footer>
<script src="js/jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/slick.min.js"></script>
<script src="js/nouislider.min.js"></script>
<script src="js/jquery.zoom.min.js"></script>
<script src="js/main.js"></script>
<script src="js/actions.js"></script>
<script src="js/sweetalert.min"></script>
<script src="js/jquery.payform.min.js" charset="utf-8"></script>
<script src="js/script.js"></script>

```



```

        <script>var c = 0;
        function menu(){
            if(c % 2 == 0) {
                document.querySelector('.cont_drobpdown_menu').className =
"cont_drobpdown_menu active";
                document.querySelector('.cont_icon_trg').className =
"cont_icon_trg active";
                c++;
            }else{ document.querySelector('.cont_drobpdown_menu').c
lassName =
"cont_drobpdown_menu disable";
                document.querySelector('.cont_icon_trg').className =
"cont_icon_trg disable";
                c++;
            }
        }

    </script>
    <script type="text/javascript">
        $(''.block2-btn-
        addcart').each(function(){ var
        nameProduct =
$(this).parent().parent().parent().find('.block2-name').html();
        $(this).on('click', function(){
            swal(nameProduct, "is added to cart !", "success");
        });
    });

        $(''.block2-btn-
        addwishlist').each(function(){ var
        nameProduct =
$(this).parent().parent().parent().find('.block2-name').html();
        $(this).on('click', function(){
            swal(nameProduct, "is added to wishlist !", "success");
        });
    });

```

STORE.PHP

```

<?php
include 'header.php';
?>

    <script id="jsbin-javascript">
(function (global) {
    if(typeof (global) === "undefined")
    {
        throw new Error("window is undefined");
    }
}

```

```

var _hash = "!";
var noBackPlease = function ()
{ global.location.href += "#";
  global.setTimeout(function () {
    global.location.href += "!";
  }, 50);
};
global.onhashchange = function () {
  if (global.location.hash !== _hash)
    { global.location.hash = _hash;
    }
};
global.onload = function ()
{ noBackPlease();
  document.body.onkeydown = function (e) {
    var elm = e.target.nodeName.toLowerCase();
    if (e.which === 8 && (elm !== 'input' && elm !== 'textarea'))
      { e.preventDefault();
      }
    e.stopPropagation();
  };
};
})(window);
</script>
<div class="main main-raised">

  <div class="section">
    <!-- container -->
    <div class="container">
      <!-- row -->
      <div class="row">
        <!-- ASIDE -->
        <div id="aside" class="col-md-3">
          <!-- aside Widget -->
          <div id="get_category">
          </div>
          <!-- /aside Widget -->

          <!-- aside Widget -->

          <!-- /aside Widget -->

          <!-- aside Widget -->
          <div id="get_brand">
          </div>
          <!-- /aside Widget -->

          <!-- aside Widget -->

```

```

        <div class="aside">
            <h3 class="aside-title">Top selling</h3>
            <div id="get_product_home">
            </div>
        </div>
        <!-- /aside Widget -->
    </div>
    <!-- /ASIDE -->
    <!-- STORE -->
    <div id="store" class="col-md-9">

        <!-- store products -->
        <div class="row" id="product-row">
            <div class="col-md-12 col-xs-12" id="product_msg">
        </div>

            <!-- product -->
            <div id="get_product">
                <!--Here we get product jquery Ajax Request-->
            </div>

            <!-- /product -->
        </div>
        <!-- /store products -->

        <!-- store bottom filter -->
        <div class="store-filter clearfix">
            <span class="store-qty">Showing 20-100
products</span>

            <ul class="store-pagination" id="pageno">
                <li ><a class="active"
href="#aside">1</a></li>

                <li><a href="#"><i class="fa fa-angle-
right"></i></a></li>

            </ul>
        </div>
        <!-- /store bottom filter -->
    </div>
    <!-- /STORE -->
</div>
<!-- /row -->
</div>
<!-- /container -->
</div>
</div>
<?php
include "newslettter.php";

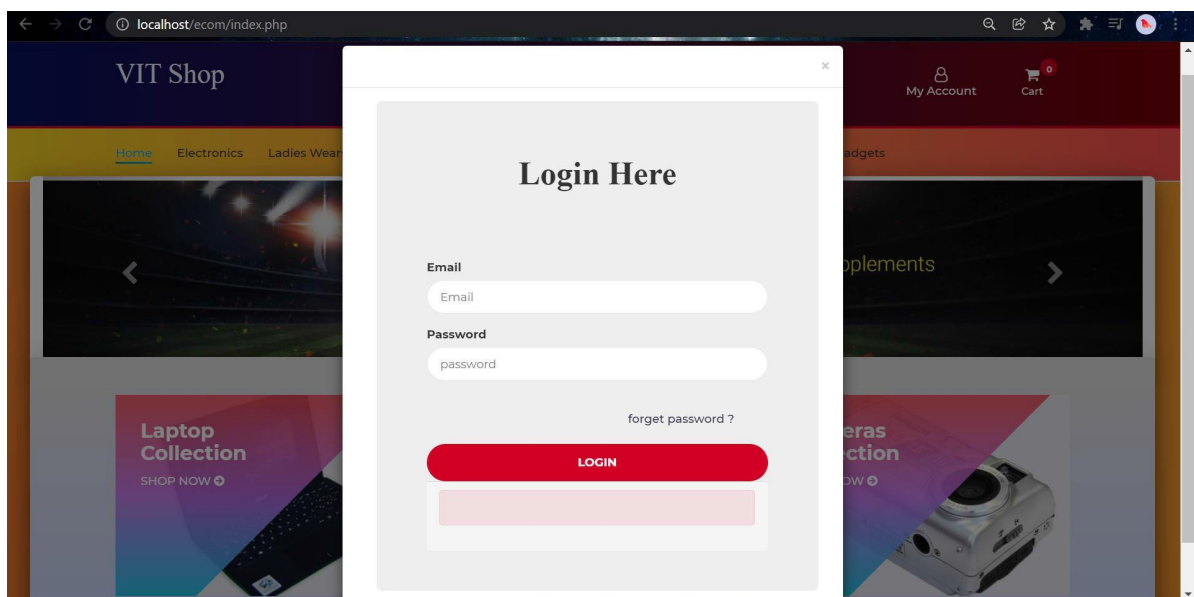
```

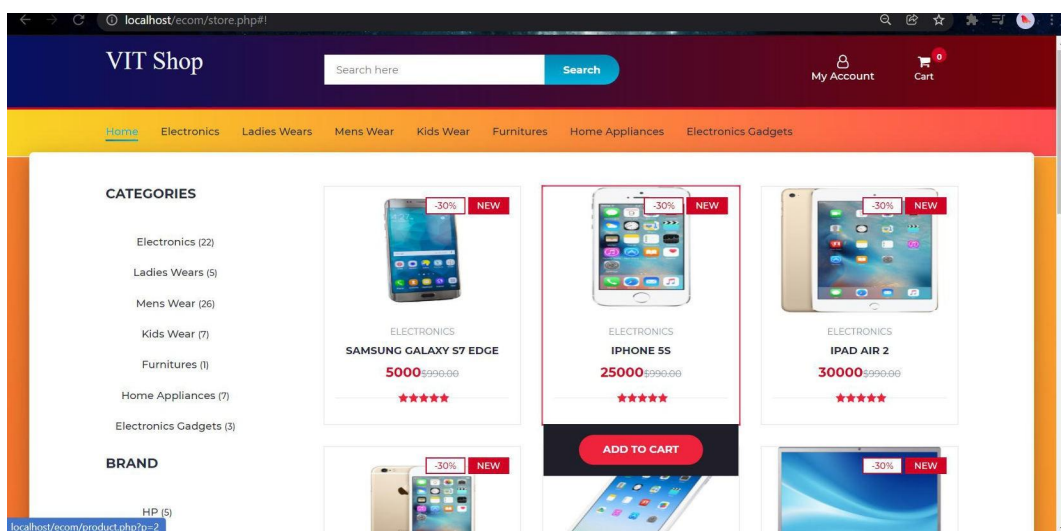
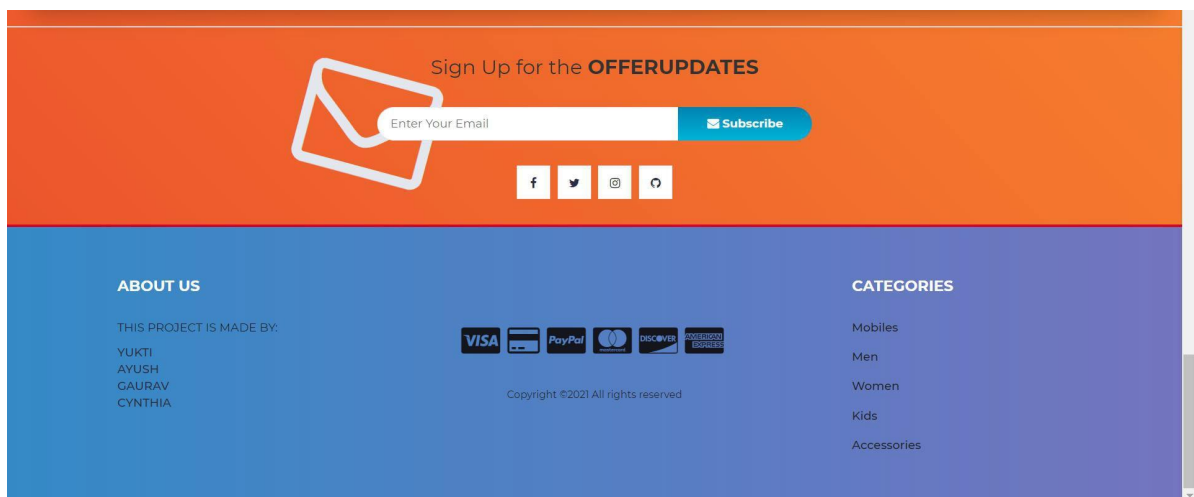
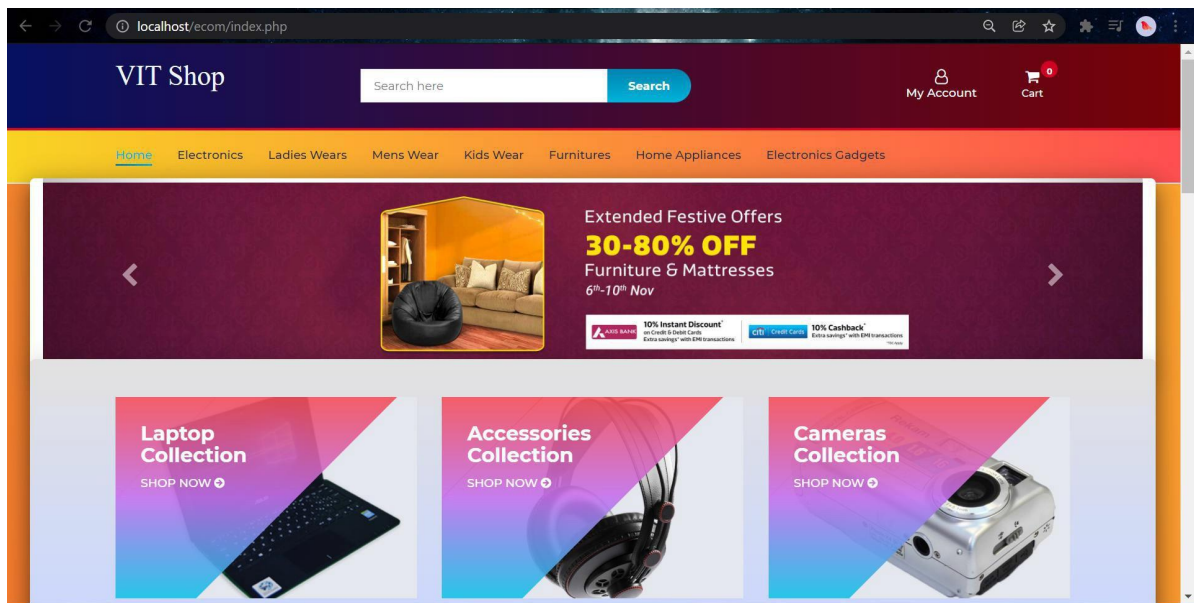
```
include "footer.php";  
?>
```

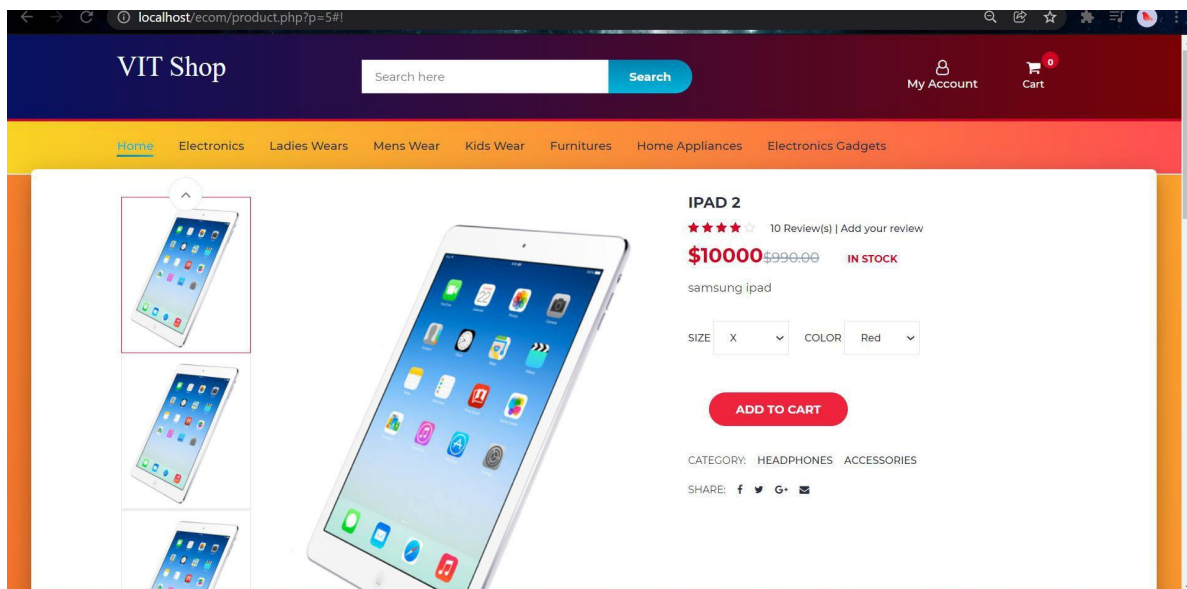
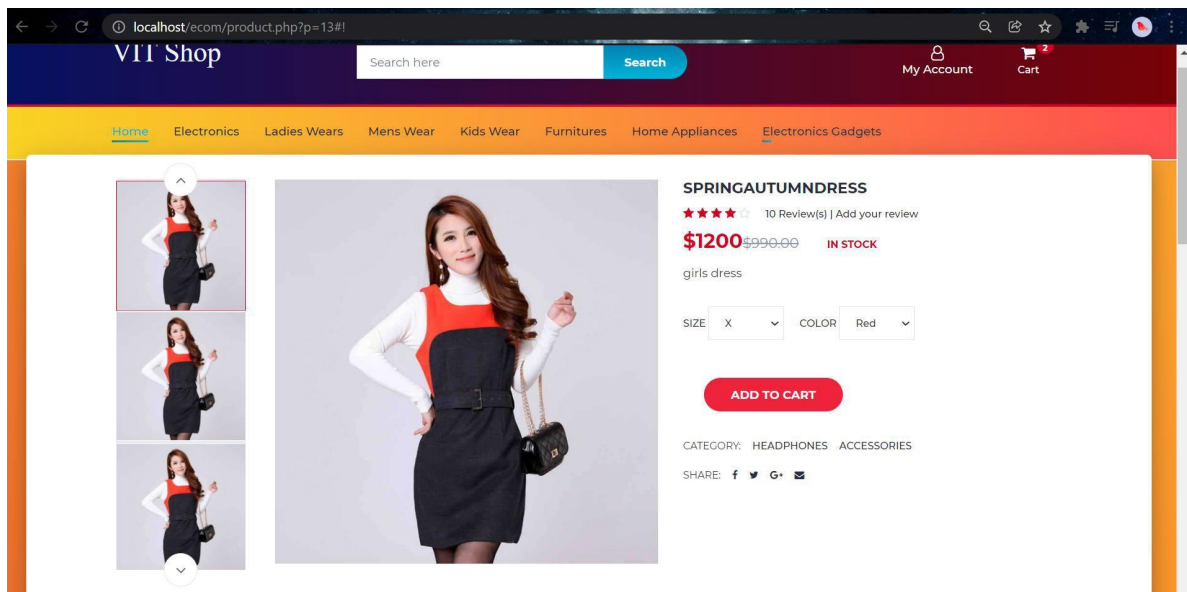
CART.PHP

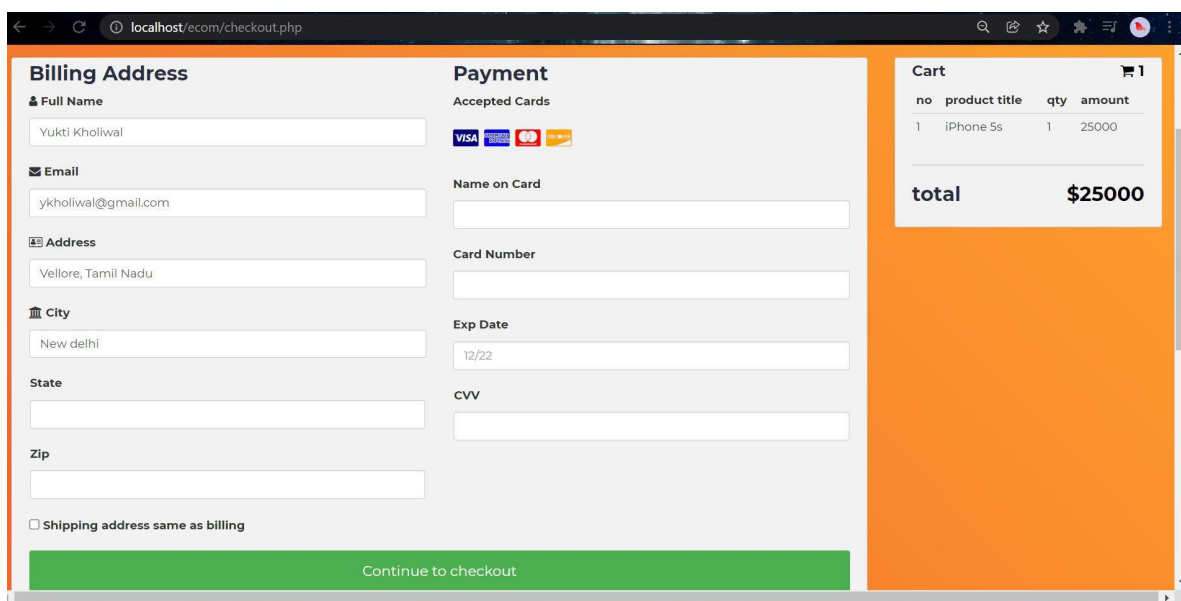
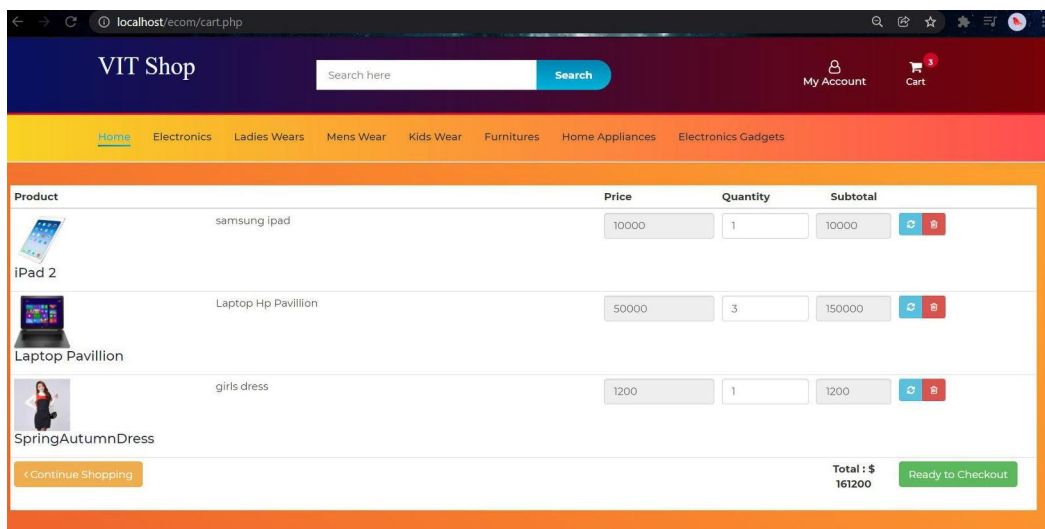
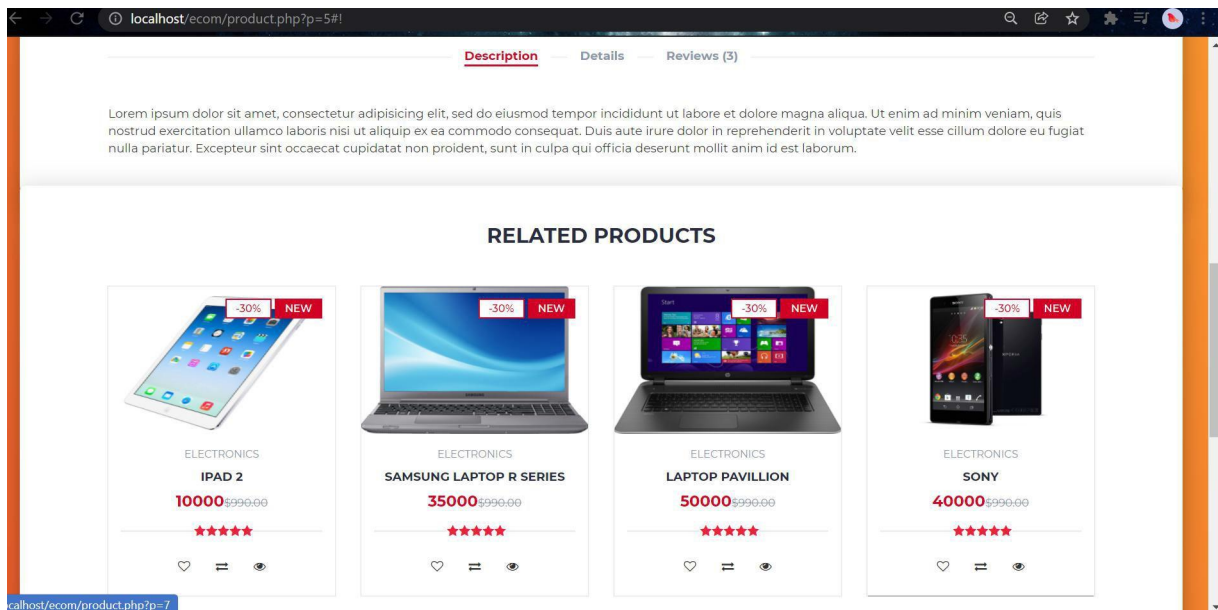
```
<?php  
include "header.php";  
?>  
<section class="section">  
<div class="container-fluid">  
    <div id="cart_checkout">  
    </div>  
</div>  
</section>  
<?php  
include "newslettter.php";  
include "footer.php";  
?>
```

SCREENSHOTS









localhost/ecom/admin/add_product.php

Admin Panel

Settings Logout

Dashboard

Customers

Orders

Add Product

Products Lists

Manage Users

Logout

Product / Add Product

Title

Product Name

Description

write here...

Add Image

Choose File No file chosen

Category

Product type

1 electronic,2 Ladies Wears,3 Mens Wear

Vendor / Brand

1 HP,2 Samsung,3 Apple,4 motorolla

Other tags

Summer, Soft, Cotton etc

Cancel

Add Product

Pricing

localhost/ecom/admin/manage_users.php

Admin Panel

Settings Logout

Dashboard

Customers

Orders

Add Product

Products Lists

Manage Users

Logout

Manage User

User Name	User Password	Add New
abc@gmail.com	abcdef	Edit Delete
ykholiwal@gmail.com	123456789	Edit Delete
kholiwalr@gmail.com	123456789	Edit Delete
yuktikholiwal@yahoo.in	jfdbjhfnf	Edit Delete

localhost/ecom/admin/clothes_list.php

Admin Panel

Settings Logout

Dashboard

Customers

Orders

Add Product

Products Lists

Manage Users

Logout

Products list / Page

Image	Name	Price	Add New
	Ladies Casual Cloth	1500	Delete
	SpringAutumnDress	1200	Delete
	Casual Dress	1400	Delete
	Formal Look	1500	Delete
	Sweter for men	600	Delete
	Gents formal	1000	Delete
	Formal Coat	3000	Delete

CONCLUSION

Finally, to conclude the project and put things to perspective in a very straightforward manner, we were successful in building a website portal from the scratch whose frontend part was accomplished using HTML mark-ups for defining the structural layout of the webpage and then CSS used for adding further designs to make the appearance more attractive and whose backend portion was successfully accomplished via implementation of MySQL based queries on the relational schemas created on a PHPMyAdmin server using the Xampp software and also using PHP language to handle and manipulate these queries dynamically by reflecting the respective subsequent changes on the created database at the server side as well.

Also, using this approach in our project, any new user can initially either sign up by creating a new user ID whose details will be temporarily stored in the super global session variables or by logging in using his already stored user credentials and then sort the products / items on our home (index) page either by their categories or by their brand names. The user can then either add any one or multiple items to his shopping cart dynamically or he/she may also select an option to "quick buy" any one item in particular which will essentially result in the same output as the "checking out" option will after having added the items to the shopping cart. After checking out, the complete summary of the cart details will be displayed involving all the products along with their names, descriptions, photos, IDs, individual costs and also the total cost of the cart.

Also, the user may then go back to the home (index) page and continue shopping by again repeating the same process steps for a new cart or may even logout of his account when he/she is done.