

Final Report: Online Shopping System

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Abstract—This project is a web grounded shopping system for an existing shop. This project is an effort to provide the benefits of online shopping to customers of a real shop. It helps purchasing the products in the shop anywhere through internet by using an android device and Computer.

Index Terms—Online, Shopping, System, Portal

I. INTRODUCTION

An Online Shopping System which will allow formal and informal merchants in developing countries to advertise and sell their goods on the internet. This would permit rural communities to make their wares available to the rest of the world via world wide web.

The objective of the project is to create an Online Shopping System web portal with a content management system which would allow product information to be updated securely using a mobile device. The web portal will have an online interface in the form of an Online Shopping System website that will allow users to buy goods from the merchants.

II. LITERATURE REVIEW

According to Xia and Monroe (2009), their study resulted that consumers with a shopping goal are more responsive towards promotional messages such as “pay less” and “discount” while consumers without shopping goal are responsive towards promotional messages such as “save more” and “free gift”. Xia and Monroe (2009, p.691) cited from (Monroe, 2003) that price promotion have several benefits such as to increase demand, adjust fluctuations in supply and demand, and increasing consumers’ purchasing over time.

III. ER DIAGRAM OF ONLINE SHOPPING SYSTEM

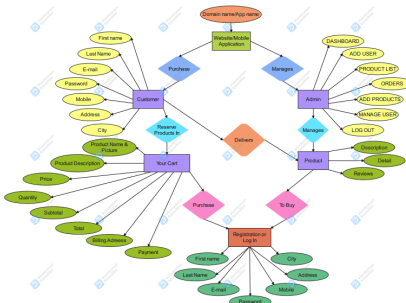


Fig. 1. ER DIAGRAM

IV. ONLINE SHOPPING SYSTEM CODE

```
1 <?php
2
3
4 include "header.php";
5
6 include "body.php";
7 include "newslettter.php";
8 include "footer.php";
9 ?>
```

Fig. 2. CODE

```
1 <?php
2 include "db.php";
3 session_start();
4
5 #Login script is begin here
6 #If user given credential matches successfully with the data available in database then we will echo string login_success
7 #login_success string will go back to called Anonymous function ($("login").click())
8
9 if(isset($_POST['email']) && isset($_POST['password'])) {
10     $email = mysqli_real_escape_string($conn, $_POST['email']);
11     $password = $_POST['password'];
12     $sql = "SELECT * FROM user_info WHERE email = '$email' AND password = '$password'";
13     $run_query = mysqli_query($conn, $sql);
14     $count = mysqli_num_rows($run_query);
15     $row = mysqli_fetch_array($run_query);
16     $SESSION['uid'] = $row['user_id'];
17     $SESSION['name'] = $row['first_name'];
18     $ip_add = $_SERVER['REMOTE_ADDR'];
19     //we have created a cookie in login_form.php page so if that cookie is available means user is not login
20
21     //if user record is available in database then $count will be equal to 1
22     if($count == 1) {
23         if(isset($_COOKIE['product_list'])) {
24             $p_list = stripslashes($_COOKIE['product_list']);
25             //here we are decoding stored json product list cookie to normal array
26             $product_list = json_decode($p_list, true);
27             for ($i=0; $i < count($product_list); $i++) {
28                 //After getting user id from database here we are checking user cart item if there is already product is listed or not
29                 $verify_cart = "SELECT id FROM cart WHERE user_id = $SESSION[uid] AND p_id = ". $product_list[$i];
30                 $result = mysqli_query($conn, $verify_cart);
31                 if(mysqli_num_rows($result) < 1) {
32                     //If user is adding first time product into cart we will update user_id into database table with valid id
33                     $update_cart = "UPDATE cart SET user_id = $SESSION[uid] WHERE ip_add = '$ip_add' AND user_id = -1";
34                     mysqli_query($conn, $update_cart);
35 }
```

Fig. 3. CODE

```
1 <?php
2 session_start();
3 include "db.php";
4 if(isset($_POST['f_name'])) {
5     $f_name = $_POST['f_name'];
6     $l_name = $_POST['l_name'];
7     $email = $_POST['email'];
8     $password = $_POST['password'];
9     $repassword = $_POST['repassword'];
10    $mobile = $_POST['mobile'];
11    $address1 = $_POST['address1'];
12    $address2 = $_POST['address2'];
13    $name = $_POST['name'];
14    $emailValidation = "/^[a-z0-9-]+(\.[a-z0-9-]+)*@[a-z0-9-]+(\.[a-z0-9-]+)*$/";
15    $number = "/^[0-9-]+$/";
16
17    if(empty($f_name) || empty($l_name) || empty($email) || empty($password) || empty($repassword) ||
18    empty($mobile) || empty($address1) || empty($address2)) {
19        echo "
20        <div class='alert alert-warning'>
21            <a href='#' class='close' data-dismiss='alert' aria-label='close'>times</a><br>Please Fill all fields..!</div>
22        ";
23        exit();
24    } else {
25        if(preg_match($name, $f_name)) {
26            echo "
27            <div class='alert alert-warning'>
28                <a href='#' class='close' data-dismiss='alert' aria-label='close'>times</a><br>this $f_name is not valid..!</div>
29            ";
30            exit();
31        }
```

Fig. 4. CODE

```

1 <?php
2 include "header.php";
3
4 <!-- /BREADCRUMBS -->
5 <script type="text/javascript">
6 jQuery(document).ready(function() {
7     $("#scroll").click(function(event) {
8         event.preventDefault();
9         $("html,body").animate({scrollTop:$(this.hash).offset().top},800);
10    });
11 });
12 </script>
13 <script>
14
15 (function (global) {
16     if(typeof global === "undefined")
17     {
18         throw new Error("window is undefined");
19     }
20     var _hash = "";
21     var noScroll = function () {
22         global.location.href += "#";
23         // making sure we have the fruit available for juice....
24         // 50 milliseconds for just once do not cost much ("_"")
25         global.setTimeout(function () {
26             global.location.href += "#";
27         }, 50);
28     };
29     // Earlier we had setInterval here....
30     global.onhashchange = function () {
31         if (global.location.hash !== _hash) {
32             global.location.hash = _hash;
33         }
34     };
35 }

```

Fig. 5. CODE

V. ONLINE SHOPPING SYSTEM

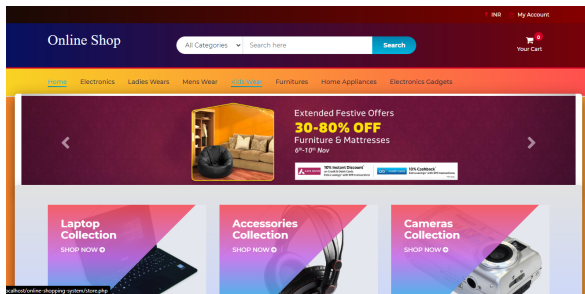


Fig. 6. HOME PAGE

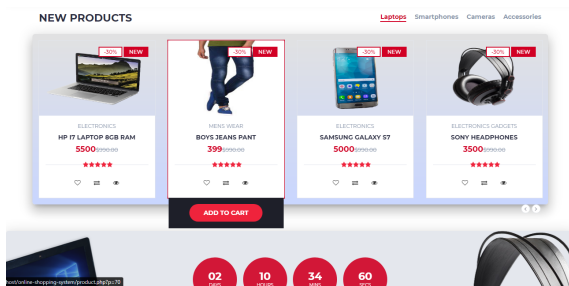


Fig. 7. HOME PAGE

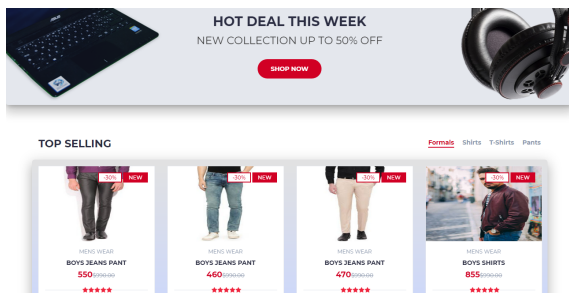


Fig. 8. HOME PAGE

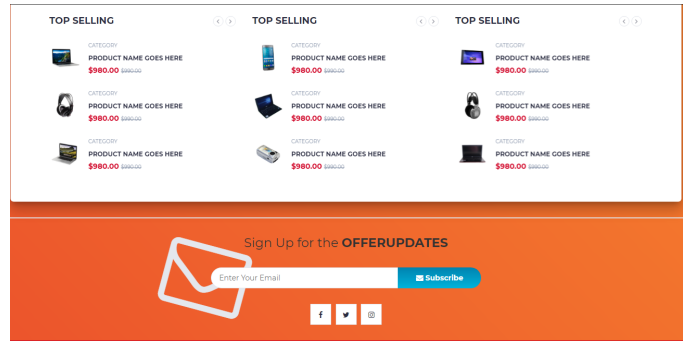


Fig. 9. HOME PAGE

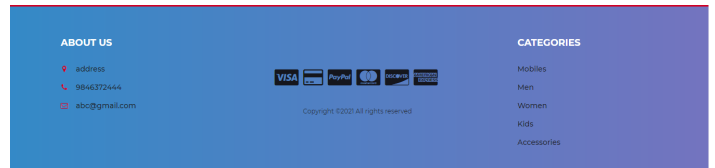


Fig. 10. HOME PAGE

VI. REQUIREMENT

A. Technology used in this project:

- HTML
- CSS
- JavaScript
- JAVA
- JSP
- MySQL

B. Supported Operating System:

- Windows
- Linux
- Mac

VII. CONCLUSION AND FUTURE WORK

Today, the market place is flooded with several Online Shopping System options for shoppers to choose from. There is enough scope for online business in the future if they understand shoppers psyche and cater to their needs.

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