A Project Report On

**“Online Shopping Management System”**

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***ABSTRACT***

In this project we are created one application which is easy to access user friendly.For this application we used the backend as Mongo DB to store the data which is used in the application and for the user interface we had used the PHP and HTML.2 kinds of people are able to use this application as manager and the customer as well. The customer is able to do the online shopping very easily from any place by reading the details of product and by seeing the product image.The manager is the only person who is able to add and remove the products from the site.

***INTRODUCATION***

**Overview: -**

This report discusses the result of the work done in development of "Airline Reservation System on “PHP” Front-end Platform and “Mondo DB” as back-end Platform.

At the development of an application PHP provides a good connecting facility between all pages, also the back-end Mongo DB is most important to save all the data related the application.

***Background and Motivation***

The definition of our problem lies in manual system and a fully automated system.

**Manual system:** The system is very time consuming and lazy. This system is more prone toErrors and sometimes the approaches to various problems are unstructured.

**Technical system:** With the advent of latest technology if we do not update our system thenOur business results in losses gradually with time. The technical systems contains the tools of latestTrend i.e. computers printers, fax, Internet etc. The systems with this technology are very fast,Accurate, user-friendly and reliable.

***Objective***

**Need of Online Shopping**

1) **Convenience**

2**) Better prices**

3) **More variety**

4) **Price comparisons**

5) **No crowds**

***Methodology***

To implement the above goals, the following methodology needs to be followed:

1. Specifying the Application and various components of the Architecture.

2. Specifying the bindings between the tasks and the resources either manually or by the design

Tools.

3. Specifying the port interconnections between the resources.

***SCOPE OF PROJECT***

The scope of the project is clear to give a simple and attractive application to simplify the work as well as to reduce the efforts while doing it offline or we can say by doing it with old methods.

In this application we are able to save database of all products present on the site.

In this we can buy any product very easily.

**REQUIRMENTS**

We are going to perform the project on windows platform so we need the os as windows.Any version of windows as windows xp, windows 7or windows 8.The system should have minimum ram of 256MB as well as minimum storage capacity of 15GB.The system should contain the server software named as “EasyPHP” of version 14.1VC11.And mongo DB of version 2.6.3 or above.First we have to install both software and we have to do connectivity between them by changing the configuration file of “EasyPHP”.

**DATA DIRICTORY**

**Table name:-Login**

> db.login.find();

{ "\_id" : ObjectId("57e926bb50f00d340d0018be"), "user" : "ahtesham", "pass" : "1

2345", "fname" : "ahtesham", "lname" : "shah", "address" : "kondwa", "pincode" :

 "411048", "phone" : "9850" }

{ "\_id" : ObjectId("57e9375750f00d7416004cd4"), "user" : "huzaif", "pass" : "say

yed", "fname" : "huzaif", "lname" : "sayyed", "address" : "kondwa khurd ,pune",

"pincode" : "411048", "phone" : "839088" }

{ "\_id" : ObjectId("57e937db50f00d741600590e"), "user" : "darshan", "pass" : "bh

avsar", "fname" : "darshan", "lname" : "bhavsar", "address" : "sinhagad road", "

pincode" : "411042", "phone" : "705860" }

{ "\_id" : ObjectId("57e9383f50f00d7416003807"), "user" : "moin", "pass" : "kazi"

, "fname" : "moin", "lname" : "kazi", "address" : "kausar bagh", "pincode" : "411042", "phone" : "922654" }

**Table name:-order\_details**

> db.order\_details.find();

{ "\_id" : ObjectId("57ef7c6250f00de40a000fc9"), "buyer fname" : "ahtesham", "buy

er lname" : "shah", "buyer address" : "kondwa", "buyer pincode" : "411048", "buy

er phone" : "9850", "buyer purchase pro\_id" : "1", "buyer purchase pro\_name" : "

7999", "buyer purchase pro\_price" : "7999", "purchase date" : ISODate("2016-09-2

5T22:00:00Z"), "delivery date" : ISODate("2016-09-30T22:00:00Z") }

{ "\_id" : ObjectId("57ef7c6350f00de40a006732"), "buyer fname" : "huzaif", "buyer

 lname" : "sayyed", "buyer address" : "kondwa khurd ,pune", "buyer pincode" : "4

11048", "buyer phone" : "839088", "buyer purchase pro\_id" : "3", "buyer purchase

 pro\_name" : "9000", "buyer purchase pro\_price" : "9000", "purchase date" : ISOD

ate("2016-09-25T22:00:00Z"), "delivery date" : ISODate("2016-09-30T22:00:00Z") }

{ "\_id" : ObjectId("57ef7c6450f00de40a001dc0"), "buyer fname" : "huzaif", "buyer

 lname" : "sayyed", "buyer address" : "kondwa khurd ,pune", "buyer pincode" : "4

11048", "buyer phone" : "839088", "buyer purchase pro\_id" : "5", "buyer purchase

 pro\_name" : "15000", "buyer purchase pro\_price" : "15000", "purchase date" : IS

ODate("2016-09-25T22:00:00Z"), "delivery date" : ISODate("2016-09-30T22:00:00Z")

 }

{ "\_id" : ObjectId("57ef7c6550f00de40a000c15"), "buyer fname" : "darshan", "buye

r lname" : "bhavsar", "buyer address" : "sinhagad road", "buyer pincode" : "4110

42", "buyer phone" : "705860", "buyer purchase pro\_id" : "5", "buyer purchase pr

o\_name" : "15000", "buyer purchase pro\_price" : "15000", "purchase date" : ISODa

te("2016-09-25T22:00:00Z"), "delivery date" : ISODate("2016-09-30T22:00:00Z") }

{ "\_id" : ObjectId("57ef7c6650f00de40a006a15"), "buyer fname" : "darshan", "buye

r lname" : "bhavsar", "buyer address" : "sinhagad road", "buyer pincode" : "4110

42", "buyer phone" : "705860", "buyer purchase pro\_id" : "6", "buyer purchase pr

o\_name" : "8500", "buyer purchase pro\_price" : "8500", "purchase date" : ISODate

("2016-09-25T22:00:00Z"), "delivery date" : ISODate("2016-09-30T22:00:00Z") }

{ "\_id" : ObjectId("57ef7c6750f00de40a005ed0"), "buyer fname" : "moin", "buyer l

name" : "kazi", "buyer address" : "kausar bagh", "buyer pincode" : "411042", "bu

yer phone" : "922654", "buyer purchase pro\_id" : "4", "buyer purchase pro\_name"

: "28000", "buyer purchase pro\_price" : "28000", "purchase date" : ISODate("2016

-09-25T22:00:00Z"), "delivery date" : ISODate("2016-09-30T22:00:00Z") }

{ "\_id" : ObjectId("57ef7c6850f00de40a001643"), "buyer fname" : "moin", "buyer l

name" : "kazi", "buyer address" : "kausar bagh", "buyer pincode" : "411042", "bu

yer phone" : "922654", "buyer purchase pro\_id" : "2", "buyer purchase pro\_name"

: "7999", "buyer purchase pro\_price" : "7999", "purchase date" : ISODate("2016-0

9-25T22:00:00Z"), "delivery date" : ISODate("2016-09-30T22:00:00Z") }

>

**Table name:-payment**

> db.payment.find();

{ "\_id" : ObjectId("57e943bf50f00d500a005e14"), "buyer fname" : "ahtesham", "buy

er lname" : "shah", "buyer address" : "kondwa", "buyer pincode" : "411048", "buy

er phone" : "9850", "buyer purchase pro\_id" : "1", "buyer purchase pro\_name" : "

Moto E3", "buyer purchase pro\_price" : "7999", "purchase date" : ISODate("2016-0

9-25T22:00:00Z") }

{ "\_id" : ObjectId("57e947d150f00d340c002059"), "buyer fname" : "huzaif", "buyer

 lname" : "sayyed", "buyer address" : "kondwa khurd ,pune", "buyer pincode" : "4

11048", "buyer phone" : "839088", "buyer purchase pro\_id" : "3", "buyer purchase

 pro\_name" : "Lenovo Vibe", "buyer purchase pro\_price" : "9000", "purchase date"

 : ISODate("2016-09-25T22:00:00Z") }

{ "\_id" : ObjectId("57e947d150f00d340c00205a"), "buyer fname" : "huzaif", "buyer

 lname" : "sayyed", "buyer address" : "kondwa khurd ,pune", "buyer pincode" : "4

11048", "buyer phone" : "839088", "buyer purchase pro\_id" : "5", "buyer purchase

 pro\_name" : "Panasonic T50", "buyer purchase pro\_price" : "15000", "purchase da

te" : ISODate("2016-09-25T22:00:00Z") }

{ "\_id" : ObjectId("57e9482950f00d340c00282d"), "buyer fname" : "darshan", "buye

r lname" : "bhavsar", "buyer address" : "sinhagad road", "buyer pincode" : "4110

42", "buyer phone" : "705860", "buyer purchase pro\_id" : "5", "buyer purchase pr

o\_name" : "Panasonic T50", "buyer purchase pro\_price" : "15000", "purchase date"

 : ISODate("2016-09-25T22:00:00Z") }

{ "\_id" : ObjectId("57e9482950f00d340c00282e"), "buyer fname" : "darshan", "buye

r lname" : "bhavsar", "buyer address" : "sinhagad road", "buyer pincode" : "4110

42", "buyer phone" : "705860", "buyer purchase pro\_id" : "6", "buyer purchase pr

o\_name" : "Samsung on7", "buyer purchase pro\_price" : "8500", "purchase date" :

ISODate("2016-09-25T22:00:00Z") }

{ "\_id" : ObjectId("57e9485750f00dcc10002040"), "buyer fname" : "moin", "buyer l

name" : "kazi", "buyer address" : "kausar bagh", "buyer pincode" : "411042", "bu

yer phone" : "922654", "buyer purchase pro\_id" : "4", "buyer purchase pro\_name"

: "One Plus 3", "buyer purchase pro\_price" : "28000", "purchase date" : ISODate(

"2016-09-25T22:00:00Z") }

{ "\_id" : ObjectId("57e9485750f00dcc10002041"), "buyer fname" : "moin", "buyer l

name" : "kazi", "buyer address" : "kausar bagh", "buyer pincode" : "411042", "bu

yer phone" : "922654", "buyer purchase pro\_id" : "2", "buyer purchase pro\_name"

: "Moto E3", "buyer purchase pro\_price" : "7999", "purchase date" : ISODate("201

6-09-25T22:00:00Z") }

{ "\_id" : ObjectId("57e9485750f00dcc10002042"), "buyer fname" : "moin", "buyer l

name" : "kazi", "buyer address" : "kausar bagh", "buyer pincode" : "411042", "bu

yer phone" : "922654", "buyer purchase pro\_id" : "5", "buyer purchase pro\_name"

: "Panasonic T50", "buyer purchase pro\_price" : "15000", "purchase date" : ISODa

te("2016-09-25T22:00:00Z") }

**Table name:-product**

> db.product.find();

{ "\_id" : ObjectId("57e945c950f00dcc10004b9d"), "product id" : 2, "product name"

 : "Moto E3", "product desc" : "<p>best mobile with battery of power 3500 mAh</p

>", "product price" : "7999", "product stock" : "", "product image" : "Moto-E3.j

pg" }

{ "\_id" : ObjectId("57e9466550f00dcc1000424c"), "product id" : 3, "product name"

 : "Lenovo Vibe", "product desc" : "<p>this is the best mobile in lenovo product

s</p>", "product price" : "9000", "product stock" : "3", "product image" : "leno

vo vibe.jpg" }

{ "\_id" : ObjectId("57e946c150f00dcc100009b3"), "product id" : 4, "product name"

 : "One Plus 3", "product desc" : "<p>only the mobile with 6 GB ram</p>", "produ

ct price" : "28000", "product stock" : "5", "product image" : "OnePlus 3.jpg" }

{ "\_id" : ObjectId("57e946f050f00dcc1000328a"), "product id" : 5, "product name"

 : "Panasonic T50", "product desc" : "", "product price" : "15000", "product sto

ck" : "3", "product image" : "Panasonic T50.jpg" }

{ "\_id" : ObjectId("57ebd41f50f00ddc050071f2"), "product id" : 6, "product name"

 : "Samsung on 7", "product desc" : "", "product price" : "12000", "product stoc

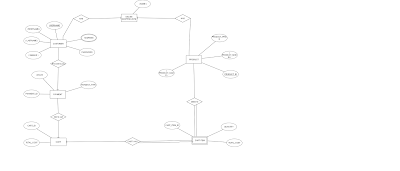
k" : "3", "product image" : "Samsung On7 Pro.jpg" }

{ "\_id" : ObjectId("57ebd4f150f00ddc050031be"), "product id" : 7, "product name"

 : "Redmi Note 3", "product desc" : "", "product price" : "9999", "product stock

" : "2", "product image" : "redmi note3.jpg" }

***E-R Diagram***

[](https://2.bp.blogspot.com/-BI4IN4VkamE/WPXXXNcqsCI/AAAAAAAAA4Y/OhxfjIAkAl4dmd8lrU3K8axVVtMs51CyACLcB/s1600/2.png)

***RELATIONAL DATA BASE DESIGN***

**1]Login:-**

User, pass, fname, lname, address, pincode, phone

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| user | pass | fname | lname | address | pincode | phone |

**2] Order\_details:-**

buyer fname,buyer lname,buyer address,buyer pincodebuyer phone,buyer purchase pro\_id

buyer purchase pro\_name,delivery date,purchase date,buyer purchase pro\_price

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer fname | buy  er lname | buyer address | buyer pincode | buy  er phone | buyer purchase pro\_id | buyer purchase pro\_name | delivery date | purchase date | buyer purchase pro\_price |

**3] payment:-**

buyer fname,buyer lname,buyer address,purchase date,buyer phone,buyer purchase pro\_id,

buyer purchase pro\_name,buyer purchase pro\_price,buyer pincode

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer fname | ,buyer lname | buyer address | purchase date | buyer phone | buyer purchase pro\_id | buyer purchase pro\_name | buyer purchase pro\_price | buyer pincode |

**4]Product:-**

product id,product name,product desc,product price,product stock,product image

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| product id | product name | product desc | product price | product stock | product image |

***Database Normalization:***

**First Normal Form:-**

The relation is in 1NF if it has no repeating groups. All  tables has no repeating groups so they are in 1NF.

**Tables:-**

**1]Login:-**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| user | pass | fname | lname | address | pincode | phone |

**2]Order\_details:-**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer fname | buy  erlname | buyer address | buyer pincode | buy  er phone | buyer purchase pro\_id | buyer purchase pro\_name | delivery date | purchase date | buyer purchase pro\_price |

**3]payment:-**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer fname | ,buyer lname | buyer address | purchase date | buyer phone | buyer purchase pro\_id | buyer purchase pro\_name | buyer purchase pro\_price | buyer pincode |

**4]Product:-**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| product id | product name | product desc | product price | product stock | product image |

**Second Normal Form**

A relation is said to be in second normal form if it is already in first normal form and it has no partial dependency

**1)**    **Login:**

The absence of partial dependency in relation takes it into 2NF without any modification

**2)**    **Order\_details:**

The absence of partial dependency in relation takes it into 2NF without any modification.

**3)**    **Payment:-**

The absence of partial dependency in relation takes it into 2NF without any modification

**4)**    **Product:-**

The absence of partial dependency in relation takes it into 2NF without any modification

**Tables:-**

**1]Login:-**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| user | pass | fname | lname | address | pincode | phone |

**2]Order\_details:-**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer fname | buy  erlname | buyer address | buyer pincode | buy  er phone | buyer purchase pro\_id | buyer purchase pro\_name | delivery date | purchase date | buyer purchase pro\_price |

**3]payment:-**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer  fname | ,buyer lname | buyer address | purchase date | buyer phone | buyer purchase pro\_id | buyer purchase pro\_name | buyer purchase pro\_price | buyer pincode |

**4]Product:-**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| product id | product name | product desc | product price | product stock | product image |

**Third Normal Form**

A relation is said to be in third normal form if it is already in 1st and 2nd NF and has no transitive dependency.

**1)**    **Login:**

In Customer every attribute depends on primary key so it is in 3rd normal form

**2)**    **Order\_details:-**

 In order\_details depends upon address so another table with address and pincode is form to remove transitive functional dependency.

|  |  |
| --- | --- |
| buyeraddress | buyerpincode |

**3)**    **Payent:-**

 In Payment depends upon address so another table with address and pincode is form to remove transitive functional dependency.

|  |  |
| --- | --- |
| buyeraddress | buyerpincode |

**4)**    **Product:-**

In Product in both the table every attribute depends upon the primary key so it is in 3rd NF.

**Tables:**

**1]Login:-**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| user | pass | fname | lname | address | pincode | phone |

**2]Order\_details:-**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer fname | buy  erlname | buyer address | buyer pincode | buy  er phone | buyer purchase pro\_id | buyer purchase pro\_name | delivery date | purchase date | buyer purchase pro\_price |

**3]payment:-**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| buyer fname | ,buyer lname | buyer address | purchase date | buyer phone | buyer purchase pro\_id | buyer purchase pro\_name | buyer purchase pro\_price | buyer pincode |

**4]Product:-**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| product id | product name | product desc | product price | product stock | product image |

***GRAPHICAL USER INTERFACE***

The application is very user friendly and uses a GUI interface implemented in PHP and HTML to Communicate with the user. Various features are self – explanatory. Forms are easy to fill in and components can be added, removed and updated very easily through a Single dialog box. The application includes tool-tip hints to give a brief description of the particular input Field.

List boxes are used to display all the components at once so that user can see all the components of a Particular type at once. One can just select the component and modify and remove the component.(based on the access control of the person)

***Features***

1. Clean separation of various components to facilitate easy modification and revision.

2. All the data is maintained in a separate file to facilitate easy modification

3. All the data required for different operations is kept in a separate file.

4. Quick and easy saving and loading of database file.

***SOURCECODE***

**1)Add to the Cart :**

<?php

session\_start();

?>

<?php

if(isset($\_GET['add\_cart'])){

$product\_id=$\_GET['add\_cart'];

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->product;

$cursor = $coll->find();

foreach ($cursor as $obj)

{

$product\_name=$\_GET['pro\_name'];

$product\_desc=$\_GET['pro\_desc'];

$product\_img=$\_GET['pro\_img'];

}

}

if(isset($\_GET['add\_cart'])){

$product\_id=$\_GET['add\_cart'];

$product\_price=$\_GET['pro\_price'];

$product\_name=$\_GET['pro\_name'];

$product\_desc=$\_GET['pro\_desc'];

$product\_img=$\_GET['pro\_img'];

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->cart;

$insert\_pro=array('product id'=>$product\_id,'product name'=> $product\_name,'product desc'=>$product\_desc,'product price'=> $product\_price,'product img'=> $product\_img);

$coll->insert($insert\_pro);

}

?>

<?php

header('Location: main.php');

?>

**2)Display the Cart :**

<?php

session\_start();

?>

<!DOCTYPE>

<html>

<head>

<title>My Online Shopping Website</title>

<link rel="stylesheet" href="css/style.css" media="all" />

</head>

<body>

<!--Main Container starts here-->

<div class="main\_wrapper">

<!--Header Container starts here-->

<div class="header\_wrapper">

<img id="banner" src="images/ad\_banner.jpg">

</div>

<!--Header ends here-->

<!--Navigation starts here-->

<div class="menubar">

<ul id="menu">

<li> <a href="main.php">Home</a></li>

<li> <a href="main.php">All Product</a></li>

<li> <a href="insert\_product.php">Insert a Product</a></li>

<li> <a href="#">My Account</a></li>

<li> <a href="#">Sign Up</a></li>

<li> <a href="#">Shopping Cart</a></li>

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

</ul>

<div id="form">

<form method="get" action="results.php" enctype="multipart/form-data">

<input type="text" name="user\_query" placeholder="Search a Product"/>

<input type="submit" name="search" value="Search"/>

</form>

</div>

</div>

<!--Navigation ends here-->

<!--Content starts here-->

<div class="content\_wrapper">

<!--Sidebar starts here-->

<div id="sidebar">

<div id="sidebar\_title">Product</div>

<ul id="cats">

<?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->product;

$cursor = $coll->find();

$num\_docs = $cursor->count();

if( $num\_docs > 0 )

{

// loop over the results

foreach ($cursor as $obj)

{

$pro\_id=$obj['product id'];

$pro\_name=$obj['product name'];

echo "<li><font color='white'><a href='details.php?pro\_id=$pro\_id'>$pro\_name</font></li>";

}

}

?>

</ul>

</div>

<div id="content\_area">

<div id="shopping\_cart">

<span style="float:right; font-size:18px; padding:5px; line-height:40px;">

Welcome <?php echo $\_SESSION['fname'];echo " ".$\_SESSION['lname'];?>! <b style="color:yellow">Shopping Cart-</b>

Total Item-<?php $m = new MongoClient();$db = $m->ecommerce;$coll = $db->cart;$cursor=$coll->find();$product\_item=$cursor->count();echo $product\_item;?>

Total Price- <?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->cart;

$cursor=$coll->find();

$pro\_price=0;

foreach ($cursor as $obj)

{

$pro\_price+=$obj['product price'];

}

echo $pro\_price;

?>

<a style="color:yellow" href="cart.php"> &nbsp;Go To Cart</a>

</span>

</div>

<div id="product\_box1">

<?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->cart;

$cursor = $coll->find();

$p\_id=1;

foreach ($cursor as $obj)

{

$id=$obj['\_id'];

$p\_name=$obj['product name'];

$p\_price=$obj['product price'];

$p\_img=$obj['product img'];

echo"

<div id='single\_product1'>

<h4><b>Item Number: $p\_id</b></h4>

<h4><b>Product Name: $p\_name</b></h4>

<img src='product\_images/$p\_img' height='100' width='100'/>

<h4><b>Product Price:&#8377; $p\_price</b></h4>

<a href='remove.php?id=$id'><button>Remove</button></a>

</div>";

$p\_id++;

}

?>

<div id="single\_product1">Total Price- <?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->cart;

$cursor=$coll->find();

$pro\_price=0;

foreach ($cursor as $obj)

{

$pro\_price+=$obj['product price'];

}

echo $pro\_price;

?>

</div>

<div id='single\_product1'>

<a href="payment.php?"><button>Proceed to Pay</button></a>

</div>

</div>

</div>

</div>

<div id="footer">

<h2 style="text-align:center; padding-top:30px">&copy; 2016 by www.professionalcipher.blogspot.com </h2>

</div>

</div>

<!--Main Container ends here-->

</body>

</html>

**3)Insert the Product:**

<!DOCTYPE>

<html>

<head>

<title>Inserting Product</title>

<script src="//cdn.tinymce.com/4/tinymce.min.js"></script>

<script>tinymce.init({ selector:'textarea' });</script>

<style>

.header\_wrapper{

width:1000px;

height:100px;

margin:auto;

}

.main\_wrapper{

width:1000px;

height:auto;

margin:auto;

}

</style>

</head>

<body bgcolor="skyblue">

<div class="main\_wrapper">

<!--Header Container starts here-->

<div class="header\_wrapper">

<img id="banner" src="images/ad\_banner.png">

</div>

</div>

<div>

<form action="insert\_product.php" method="post" enctype="multipart/form-data">

<table align="center" width="700" border="2" bgcolor="orange">

<tr align="center">

<td colspan="8"><h2>Insert New Product</h2></td>

</tr>

<tr>

<td align="right"><b>Product ID:</b></td>

<td>

<?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->product;

$cursor=$coll->find();

$product\_id=$cursor->count();

$product\_id++;

echo "<b>&nbsp;$product\_id</b>";

?>

</td>

</tr>

<tr>

<td align="right"><b>Product Name:</b></td>

<td><input type="text" name="product\_name" size="60" />

</tr>

<tr>

<td align="right"><b>Product Description:</b></td>

<td><textarea name="product\_desc" cols="20" rows="10" ></textarea>

</tr>

<tr>

<td align="right"><b>Product Image:</b></td>

<td><input type="file" name="product\_image"/>

</tr>

<tr>

<td align="right"><b>Product Price:</b></td>

<td><input type="text" name="product\_price" size="60" />

</tr>

<tr>

<td align="right"><b>Product Stock:</b></td>

<td><input type="text" name="product\_stock" size="60" />

</tr>

<tr align="center">

<td colspan="8"><input type="submit" name="insert\_post" value="Insert"/>

</tr>

</table>

</form>

<table align="center" width="700" border="8" bgcolor="pink">

<tr align="center">

<td><form action="main.php"><button type="submit">Home</button></form></td>

</tr>

</table>

</div>

</body>

</html>

<?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->product;

$cursor=$coll->find();

$product\_id=$cursor->count();

$product\_id++;

if(isset($\_POST['insert\_post']))

{

//$product\_id=$\_POST['product\_id'];

$product\_name=$\_POST['product\_name'];

$product\_desc=$\_POST['product\_desc'];

$product\_price=$\_POST['product\_price'];

$product\_stock=$\_POST['product\_stock'];

$product\_image=$\_FILES['product\_image']['name'];

$product\_image\_tmp=$\_FILES['product\_image']['tmp\_name'];

move\_uploaded\_file($product\_image\_tmp,"product\_images/$product\_image");

$doc=array('product id'=>$product\_id,

'product name'=>$product\_name,

'product desc'=>$product\_desc,

'product price'=>$product\_price,

'product stock'=>$product\_stock,

'product image'=>$product\_image,

);

$coll->insert($doc);

echo "

<form>

<table align='center' width='700' border='2' bgcolor='white'>

<tr align='center'>

<td colspan='8'><h2>Inserted Product Details</h2></td>

</tr>

<tr>

<td align='right'><b>Product ID:</b></td>

<td>$product\_id</td>

</tr>

<tr>

<td align='right'><b>Product Name:</b></td>

<td>$product\_name</td>

</tr>

<tr>

<td align='right'><b>Product Description:</b></td>

<td>$product\_desc</td>

</tr>

<tr>

<td align='right'><b>Product Image:</b></td>

<td><img src='product\_images/$product\_image' height='180' width='180'/><td/>

</tr>

<tr>

<td align='right'><b>Product Price:</b></td>

<td>$product\_price<td/>

</tr>

<tr>

<td align='right'><b>Product stock:</b></td>

<td>$product\_stock<td/>

</tr>

</table>

</form> ";

}

?>

**4)Remove the Product :**

<!DOCTYPE>

<html>

<head>

<title>Remove Product</title>

<style>

.header\_wrapper{

width:1000px;

height:100px;

margin:auto;

}

.main\_wrapper{

width:1000px;

height:auto;

margin:auto;

}

</style>

</head>

<body bgcolor="skyblue">

<div class="main\_wrapper">

<!--Header Container starts here-->

<div class="header\_wrapper">

<img id="banner" src="images/ad\_banner.png">

</div>

</div>

<div>

<table align="center" width="700" border="8" bgcolor="pink">

<tr align="center">

<td><form action="main.php"><button type="submit">Home</button></form></td>

</tr>

</table>

</div>

</body>

</html>

<?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->product;

$cursor=$coll->find();

$product\_id=$cursor->count();

$product\_id++;

foreach ($cursor as $obj)

{

$id=$obj['\_id'];

$pro\_id=$obj['product id'];

$pro\_name=$obj['product name'];

$pro\_desc=$obj['product desc'];

$pro\_img=$obj['product image'];

$pro\_stock=$obj['product stock'];

$pro\_price=$obj['product price'];

echo "

<form>

<table align='center' width='700' border='2' bgcolor='white'>

<tr align='center'>

<td colspan='8'><h2>Inserted Product Details</h2></td>

</tr>

<tr>

<td align='right'><b>Product ID:</b></td>

<td>$pro\_id</td>

</tr>

<tr>

<td align='right'><b>Product Name:</b></td>

<td>$pro\_name</td>

</tr>

<tr>

<td align='right'><b>Product Description:</b></td>

<td>$pro\_desc</td>

</tr>

<tr>

<td align='right'><b>Product Image:</b></td>

<td><img src='product\_images/$pro\_img' height='180' width='180'/><td/>

</tr>

<tr>

<td align='right'><b>Product Price:</b></td>

<td>$pro\_price<td/>

</tr>

<tr>

<td align='right'><b>Product Stock:</b></td>

<td>$pro\_stock<td/>

</tr>

</table>

</form>

<center><a href='remove1.php?id=$id'><button>Remove</button></a></center>

";

}

?>

**5)Update the Product :**

<!DOCTYPE>

<html>

<head>

<title>Remove Product</title>

<style>

.header\_wrapper{

width:1000px;

height:100px;

margin:auto;

}

.main\_wrapper{

width:1000px;

height:auto;

margin:auto;

}

</style>

</head>

<body bgcolor="skyblue">

<div class="main\_wrapper">

<!--Header Container starts here-->

<div class="header\_wrapper">

<img id="banner" src="images/ad\_banner.png">

</div>

</div>

<div>

<table align="center" width="700" border="8" bgcolor="pink">

<tr align="center">

<td><form action="main.php"><button type="submit">Home</button></form></td>

</tr>

</table>

</div>

</body>

</html>

<?php

$m = new MongoClient();

$db = $m->ecommerce;

$coll = $db->product;

$cursor=$coll->find();

$product\_id=$cursor->count();

$product\_id++;

foreach ($cursor as $obj)

{

$id=$obj['\_id'];

$pro\_id=$obj['product id'];

$pro\_name=$obj['product name'];

$pro\_desc=$obj['product desc'];

$pro\_img=$obj['product image'];

$pro\_stock=$obj['product stock'];

$pro\_price=$obj['product price'];

echo "

<form>

<table align='center' width='700' border='2' bgcolor='white'>

<tr align='center'>

<td colspan='8'><h2>Inserted Product Details</h2></td>

</tr>

<tr>

<td align='right'><b>Product ID:</b></td>

<td>$pro\_id</td>

</tr>

<tr>

<td align='right'><b>Product Name:</b></td>

<td>$pro\_name</td>

</tr>

<tr>

<td align='right'><b>Product Description:</b></td>

<td>$pro\_desc</td>

</tr>

<tr>

<td align='right'><b>Product Image:</b></td>

<td><img src='product\_images/$pro\_img' height='180' width='180'/><td/>

</tr>

<tr>

<td align='right'><b>Product Price:</b></td>

<td>$pro\_price<td/>

</tr>

<tr>

<td align='right'><b>Product Stock:</b></td>

<td>$pro\_stock<td/>

</tr>

</table>

</form>

<center><a href='update.php?id=$id'><button>Update</button></a></center>

";}

?>

***Snapshots of the application***

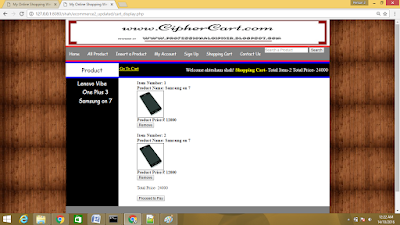
***Customer View:***

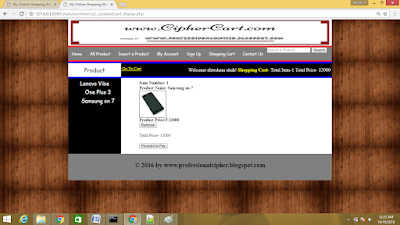
[](https://3.bp.blogspot.com/-MdqOTn0ynDE/WPXXYB7ZBDI/AAAAAAAAA4c/Ys_4tZK946sAb9__MYriwFp3zhPEqxh0wCLcB/s1600/3.png)

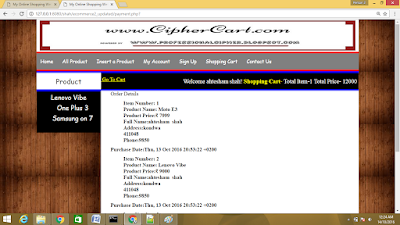
[](https://1.bp.blogspot.com/-e-SBCs3eF3A/WPXXYScMgoI/AAAAAAAAA4g/LFYRC8XTByACEdEYm84I5MoNINx1HNQpwCLcB/s1600/4.png)

[](https://4.bp.blogspot.com/--2NFdz0RlIg/WPXXaSrr5cI/AAAAAAAAA4k/lqm9fFNKpfgMPKldV6wL9FzYO5pNgVIvwCLcB/s1600/5.png)

[](https://4.bp.blogspot.com/-uH2ljH1R4no/WPXXb780DBI/AAAAAAAAA4o/FzP3x06xJGkyil84naB_Nez4-KL6wM0NwCLcB/s1600/6.png)

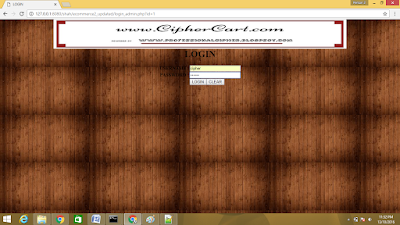
[](https://2.bp.blogspot.com/-Z0rIkeswv58/WPXXb0iOJeI/AAAAAAAAA4s/2qZ5ZpYQGz07t_3z9JF0Ebn_nlZv1ixuwCLcB/s1600/7.png)

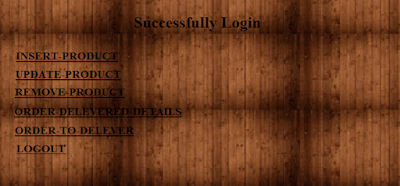
[](https://2.bp.blogspot.com/-Zs6TwDqesxA/WPXXc2Uk-CI/AAAAAAAAA4w/IsYCxRg5i5kv7xrrgFOlX9cxaJDBl222gCLcB/s1600/8.png)

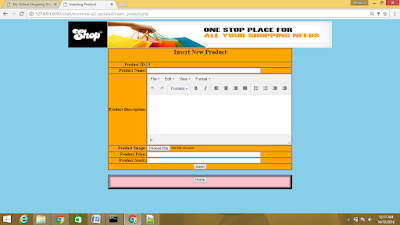
[](https://1.bp.blogspot.com/-ldONMea0GOA/WPXXeJ5fFJI/AAAAAAAAA40/Q6Pjj-ETKzkxm3I3uamyQ2L_cVzbWmjDQCLcB/s1600/9.png)

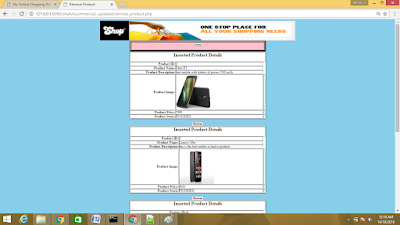
[](https://3.bp.blogspot.com/-eIYX5-i7zHM/WPXXVU6nTSI/AAAAAAAAA4E/BQL65xKrr0AnDt77uGCEsNdUxe1xgS-5gCLcB/s1600/10.png)

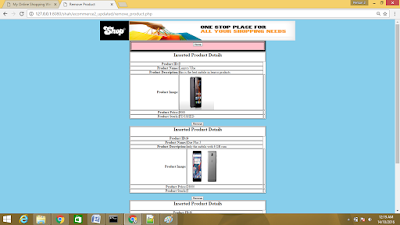
***ADMIN VIEW***:

[](https://3.bp.blogspot.com/-3NGy4wuZOBA/WPXXVWAMf3I/AAAAAAAAA4I/v23TKoudDOQ9GjSHqNTcZQkER2nlh_togCLcB/s1600/11.png)

[](https://2.bp.blogspot.com/-KrvuduZ5_T0/WPXXVARy3VI/AAAAAAAAA4A/MJswWUDqJV0_90gFPzA6cWWjoQOrP-bpgCLcB/s1600/12.png)

[](https://1.bp.blogspot.com/-0VvpapHqQ0Q/WPXXWcJQEFI/AAAAAAAAA4M/kydgnBXwWcIXhc8gKDJ4N4CuxA3DT-u9wCLcB/s1600/13.png)

[](https://1.bp.blogspot.com/-ZupBx4Mh4B8/WPXXWsMEUBI/AAAAAAAAA4Q/7TB5SOZsHc47AkpBl_Rie-q3W4KAsm6AACLcB/s1600/14.png)

[](https://3.bp.blogspot.com/-ZZ_Z5LeF45M/WPXXWgKDSxI/AAAAAAAAA4U/8qRhfwn7s4sAwPjd_AyGzg9tFn46Jw86gCLcB/s1600/15.png)

**14) Conclusion:**

THUS WE HAVE SUCCESSFULLY IMPLEMENTED ONLINE SHOPPING DATABASE MANAGEMENT WHICH HELPS US IN CENTRALIZING THE DATA USED FOR MANAGING THE TASKS PERFORMED IN A ONLINE SHOPPING

WE HAVE SUCCEFULLY IMPLEMENTED VARIOUS FUNCTIONALITIES OF MONGODB AND PHP AND CREATED THE FULLY FUNCTIONAL DATABASE MANAGEMENT SYSTEM FOR ONLINE SHOPPING.

**CONCEPTS USED**

1.MONGODB-(DATABASE BACKEND)

2.HTML & PHP-(FRONT END)

3.EASY PHP-(CONNECTIVITY)

4.PROCEDURES

**SOFTWARE USED**

1.EASYPHP DEVSERVER 14.1

2.BROWSER