MOBILE SHOP DATABASE

INTRODUCTION

- "The Mobile Shop Database Management System" is one can go into almost required solution regarding the mobile shop.

- This project will provide for computerization of the small enterprise whose main goal is to keep track on their inventory and billing process and wants to change from paper based transaction to computerized transaction.

- The main goal of the project is to build a good management tool. The mobile shop database will make storing of the customer records, stocks, sales detail, employee information in the database.

➤ SCOPE

- The project could be implemented in an average sized organization.
- An average company will not be very keen on spending loads of money on ledgers. Whereas these projects will greatly reduce the costs which is common & cheap office items like database & desktop application.
- And also there is no requirement to store book or accounts
- The data is directly stored in database in the hard disk of the PC.

➤ Objective of the Project

- The main objective of the project is to help the ongoing user help to attain an easy way to navigate the customer's problems.

- It is basically a very instant processing system by which customer can get the mobile in right condition.

- It is basically build using the platforms HTML, CSS, PHP AND MYSQL applications which makes the project quite flexible and easy to be operate.

MOBILE SHOP DATABASE

REQUIREMENT SPECIFICATION

2.1   FUNCTIONAL REQUIREMENTS

1. Creating New Account for the New Customers.
2. Login for old customers.
3. Feedback form for the customers.
4. Submitting and Confirming the orders
5. Admin
   a. Adding new products.
   b. Adding another Admin if it is needed.
   c. Updating the stock of the product.
   d. Updating order's status and payment.

2.2   DATA REQUIREMENTS

1. Creating account for new customers
   a. First name
   b. Last name
   c. Phone_no
   d. Email ID
   e. Gender
   f. Date_of_Birth
   g. Address
   h. Create_pswd
   i. Confirm_pswd
2. Login
   a. Username (Email ID)
   b. Password

3. Feedback Form
   a. Name
   b. Email ID
   c. Phone_no.
   d. Issue

MOBILE SHOP DATABASE

4. Orders
    a. Type of Delivery
    b. Quantity
    c. If the delivery is online then Debit card details is required
       Name, Card number, Expiry date of the card

2.3 SOFTWARE REQUIREMENTS

- Operating System: Windows 10.
- Database: MySQL.
- Frontend: HTML, CSS.
- Backend: PHP, MYSQL.
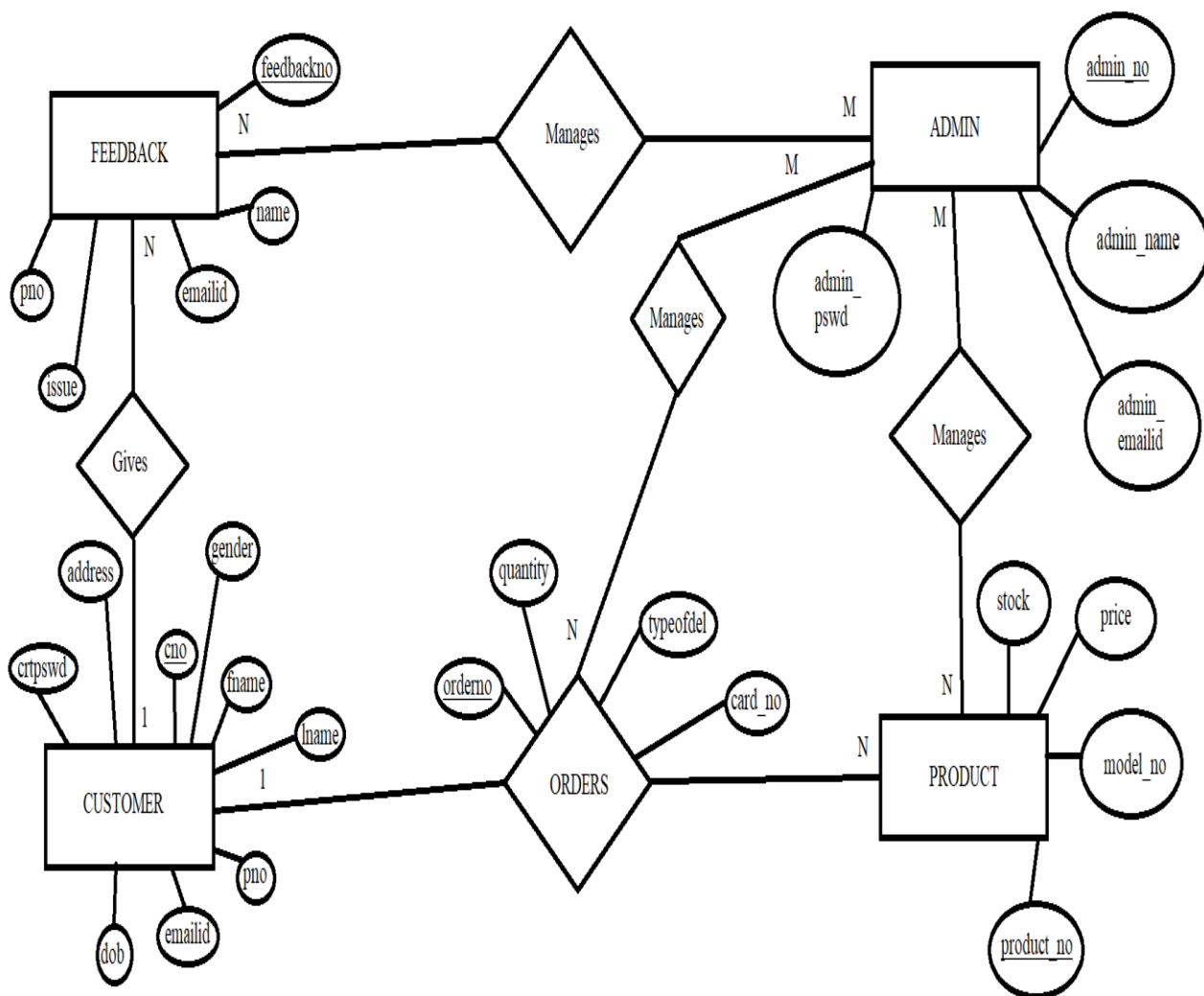- WAMP SERVER.

2.4 HARDWARE REQUIREMENTS

- Processor: Intel core i5 8th gen, 64 bit processor.
- Memory: 8GB RAM.
- Hard Disk: Min 10GB.

MOBILE SHOP DATABASE

DESIGN

3.1 ER DIAGRAM

MOBILE SHOP DATABASE

3.2   SCHEMA DIAGRAM

Customer

cno	fname	lname	pno	emailid	gender	dob	address	crtpswd	conpswd

Product

product_no	model_no	model_name	os	colour	Front_cam	price	description	stock	admin_no

Orders

order no	typeof del	tot_ price	quant -ity	status	payme -nt	card_ name	card no	Produc t no	cno	admin no

Feedback

feedbackno	name	emailid	pno	issue	admin_no

Admin

admin no	admin name	admin emailid	admin pno	admin pswd

MOBILE SHOP DATABASE

IMPLEMENTATION

The project is implemented using MySQL database along with PHP and HTML. In this project, we use the below mentioned concepts for implementing different type of effects like HTML pages to demonstrate on a web page as a stand-alone or web based application.

4.1   Table Creation

1. INSERT INTO product(model_no, model_name, brand, screen, os, colour, front_cam, rear_cam, price, description, stock) VALUES('$modelno', '$modelname', '$brand', '$screen', '$os', '$colour', '$frontcam', '$rearcam', '$price', '$description', '$stock');

2. INSERT INTO customer(fname, lname, pno, emailid, gender, dob, address, crtpswd, conpswd) VALUES('$fname', '$lname', '$pno', '$emailid', '$gender', '$dob', '$address', '$crtpswd', '$conpswd');

3. INSERT INTO feedback(name, emailid, pno, issue) VALUES('$name', '$emailid', '$pno', '$issue');

4. INSERT INTO orders(typeofdel, quantity, tot_price, dateof_order, card_name, card_no, expiry_date, product_no, cno) VALUES('$typeofdel', '$quantity', '$price', '$date_format', '$cname', '$cno', '$cedate', '$product_no', '$customer_no');

5. INSERT INTO orders(typeofdel, quantity, tot_price, dateof_order, product_no, cno) VALUES('$typeofdel', '$quantity', '$price', '$date_format', '$product_no', '$customer_no')

MOBILE SHOP DATABASE

4.2 Inserting values from Frontend

```
<!DOCTYPE html>
<html>
  <head>
  <link rel="stylesheet" type="text/css" href="pstyle.css">
  </head>
   <body>
     <center><img src="images/frontlogo.png" height="150px"></center><br>
<?php
$fname=$_POST["fname"];
$lname=$_POST["lname"];
$pno=$_POST["pno"];
$emailid=$_POST["emailid"];
$gender=$_POST["gender"];
$dob=$_POST["dob"];
$address=$_POST["address"];
$crtpswd=$_POST["crtpswd"];
$conpswd=$_POST["conpswd"];
$conn = new mysqli('localhost','root','','mobile_shop');
if($conn->connect_error){
   die('connrction failed : '.$conn->connect_error);
}
$result1  =  mysqli_query($conn,"SELECT emailid, conpswd FROM customer WHERE emailid = '".$emailid."'");
if(mysqli_num_rows($result1)>0){
```

```php
echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>";  echo "<br>";

echo    '<span    style="font-size:50px"><b><center>EMAIL    ID    ALREADY EXISTS</b></span>';

    ?>
    <!DOCTYPE html>
    <html>
    <body style="background-color:Red">
    <center><br>
       <a href="login.html"><b>LOGIN</b></a>
    </center>
    </body>
    </html>
    <?php
}
else{
   if($crtpswd==$conpswd){
   $sql= "INSERT INTO customer(fname, lname, pno, emailid, gender, dob, address, crtpswd, conpswd) VALUES('$fname', '$lname', '$pno', '$emailid', '$gender', '$dob', '$address', '$crtpswd', '$conpswd')";
   if($conn->query($sql)){


echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>";  echo "<br>";

    echo    '<span    style="font-size:50px"><b><center>CREATED    ACCOUNT SUCESSFULLY</b></span>';

    ?>
    <!DOCTYPE html>
    <html>
```

MOBILE SHOP DATABASE

```
<body style="background-color:Yellow">

<center><br>

   <a href="login.html"><b>LOGIN</b></a>

</center>

</body>

</html>

<?php

}

else{

echo "error: ".$sql."<br>".$conn->error;

}

$conn->close();

} else{

echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>"; echo "<br>";
echo "<br>";  echo "<br>";

echo '<span style="font-size:50px"><b><center>WARNING: THE PASSWORD MUST BE
SAME</b></span>';

?>

<!DOCTYPE html>

<html>

<body style="background-color:Red">

<center><br><a href="createacc.html"><b>CLICK HERE</b></a> </center>

</body>

</html>

<?php} }

?>

</body>

</html>
```

9

MOBILE SHOP DATABASE

4.3 Code for Important Modules

```html
<!DOCTYPE.html>
<html>
<head>
  <link rel="stylesheet" type="text/css" href="pstyle.css">
  </head>
  <body style="background-color: yellow">
    <center><img src="images/frontlogo.png" height="150px"></center><br>
    <div class="pad5">
<?php
error_reporting(0);
$modelno= $_POST["modelno"]; $modelname= $_POST["modelname"];
$brand= $_POST["brand"]; $screen= $_POST["screen"]; $os= $_POST["os"];
$colour= $_POST["colour"]; $frontcam= $_POST["frontcam"];
$rearcam= $_POST["rearcam"]; $price= $_POST["price"];
$description= $_POST["description"]; $stock= $_POST["stock"];
$conn = new mysqli('localhost','root','','mobile_shop');
$sql= "INSERT INTO product(model_no, model_name, brand, screen, os, colour, front_cam, rear_cam, price, description, stock) VALUES('$modelno', '$modelname', '$brand', '$screen', '$os', '$colour', '$frontcam', '$rearcam', '$price', '$description', '$stock');";
if($conn->query($sql)){
  echo "PRODUCT ADDED SUCESSFULLY";}
else{ echo "error ".$sql."<br>".$conn->error;}
$conn->close;
?>
    </div>
  </body>
</html>
```

MOBILE SHOP DATABASE

2. Code for placing Orders

```php
<?php
require "verify.php"; ?>
<!DOCTTYPE html>
<html>
<head>
   <link rel="stylesheet" type="text/css" href="pstyle.css">
   <title></title>
</head>
<body style="background-color: yellow">
   <center><img src="images/frontlogo.png" height="150px"></center><br>
   <div class="pad4">
   <?php
   $quantity=$_SESSION["quantity"];
$typeofdel=$_SESSION["typeofdel"];
$conn = new mysqli('localhost','root','','mobile_shop');
$ses=$_SESSION["naam"];
$sesp=$_SESSION["phone"];
$customer_no;
$product_no;
$price;
$stock;
$newstock;
$cname=$_POST["cname"];
$cno=$_POST["cno"];
$cedate=$_POST["cedate"];
```

MOBILE SHOP DATABASE

```php
$sql1 = "SELECT * FROM product WHERE model_no='$sesp';";
$result1 = mysqli_query($conn, $sql1);
$resultcheck1 = mysqli_num_rows($result1);



$sql2="SELECT * FROM customer WHERE emailid='$ses';";
$result2 = mysqli_query($conn, $sql2);
$resultcheck2 = mysqli_num_rows($result2);


    if($resultcheck2>0){
    while($row2= mysqli_fetch_assoc($result2)){
       $customer_no=$row2['cno'];

    }

}
  if($resultcheck1 > 0){
   while($row1 = mysqli_fetch_assoc($result1)){
      $product_no=$row1['product_no'];
      $price=$row1['price'] * $quantity;
      $stock=$row1['stock'];


   }
}
$startdate=strtotime("today");
$enddate=strtotime("+2 days", $startdate);
 $date_format=date("Y/m/d", $startdate);
```

MOBILE SHOP DATABASE

```php
 $sql4= "INSERT INTO orders(typeofdel, quantity, tot_price, dateof_order, card_name,
card_no, expiry_date, product_no, cno) VALUES('$typeofdel', '$quantity', '$price',
'$date_format', '$cname', '$cno', '$cedate', '$product_no', '$customer_no')";


   $sql6= "INSERT INTO orders(typeofdel, quantity, tot_price, dateof_order, product_no,
cno) VALUES('$typeofdel', '$quantity', '$price', '$date_format', '$product_no',
'$customer_no')";


   if($typeofdel=="cod"){

     if($quantity<=$stock){

     $newstock=$stock-$quantity;

     $sql5="UPDATE       product       SET       stock='$newstock'       WHERE
product.model_no='$sesp';";

     $conn->query($sql5);

     $conn->query($sql6);

     echo"Thank You"."<br>";
    echo "<br>";
    echo"Your order has been submited on: ";
    echo date("d-m-Y", $startdate);
    echo" the product will be reached on or before  ";
    echo date("d-m-Y", $enddate);
   }
     else{
       echo "REQUIRED QUANTITY IS NOT AVAILABLE";
     }
   }
     else{
       if($quantity<=$stock){
```

```php
$newstock=$stock-$quantity;

$sql5="UPDATE product SET stock='$newstock' WHERE product.model_no='$sesp';";


$conn->query($sql5);

$conn->query($sql4);

echo"Thank You"."<br>";
echo "<br>";
echo"Your order has been submited on: ";
echo date("d-m-Y", $startdate);
echo" the product will be reached on or before  ";
echo date("d-m-Y", $enddate);
}
else{
echo "REQUIRED QUANTITY IS NOT AVAILABLE";
}
}
?>
<br>
<br>
<p>For Order satus check your orders</p>
<a href="smapho.html">Click here</a>
<br>
<center><p>NOTE: STRICTLY DO NOT REFRESH THIS PAGE ONCE YOU HAVE PLACED ORDER</p></center>
</div>
</body>
</html>
```

MOBILE SHOP DATABASE

3.Updating stock of the product

```php
   <!DOCTYPE.html>
<html>
<head>
   <link rel="stylesheet" type="text/css" href="pstyle.css">
   </head>
   <body style="background-color: yellow">
      <center><img src="images/frontlogo.png" height="150px"></center><br>
      <div class="pad5">
<?php
error_reporting(0);
$productno= $_POST["productno"];
$stock= $_POST["stock"];
$conn = new mysqli('localhost','root','','mobile_shop');
$sql= "UPDATE PRODUCT SET stock='".$stock."' WHERE product_no='".$productno."';";
if($conn->query($sql)){
   echo "UPDATED STOCK SUCESSFULLY";
}
else{
   echo "error ".$sql."<br>".$conn->error;
}
$conn->close;
?>
      </div>
   </body>
</html>
```
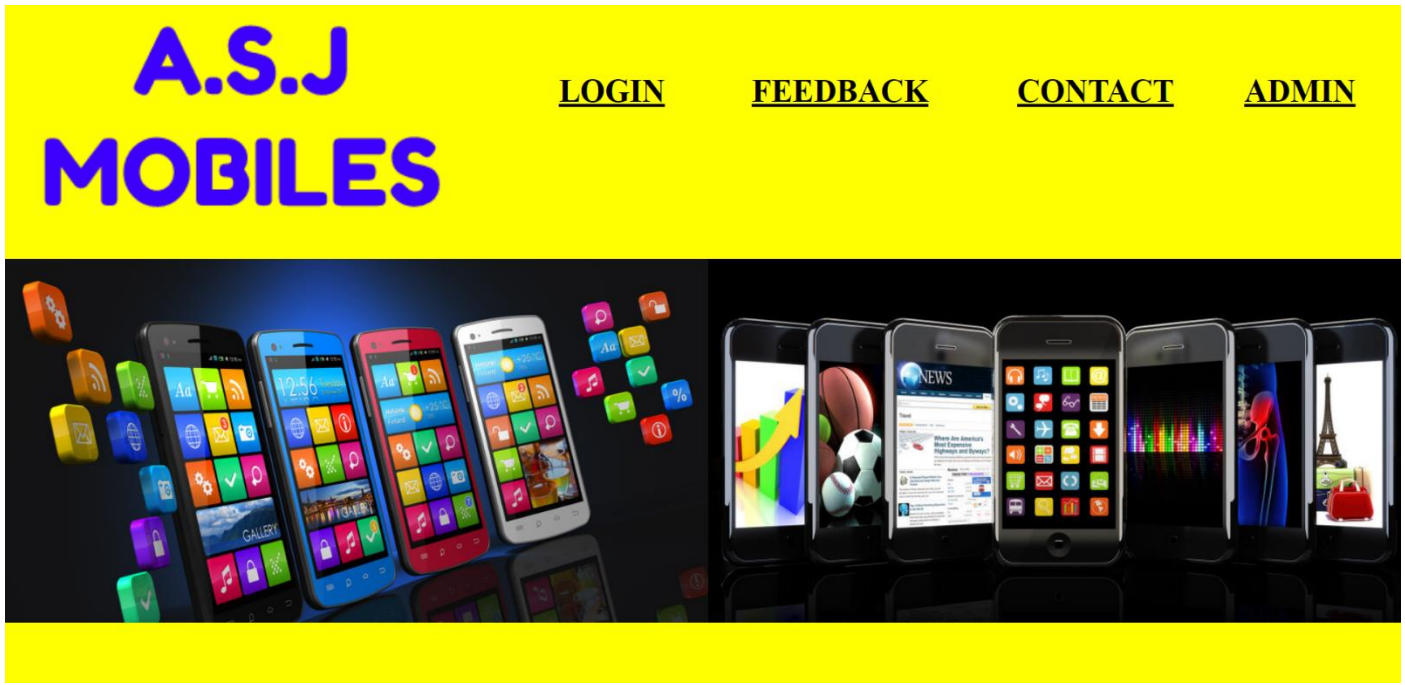
MOBILE SHOP DATABASE

SNAPSHOTS

INDEX PAGE

LOGIN PAGE

MOBILE SHOP DATABASE

CREATING ACCOUNT FOR NEW CUSTOMERS
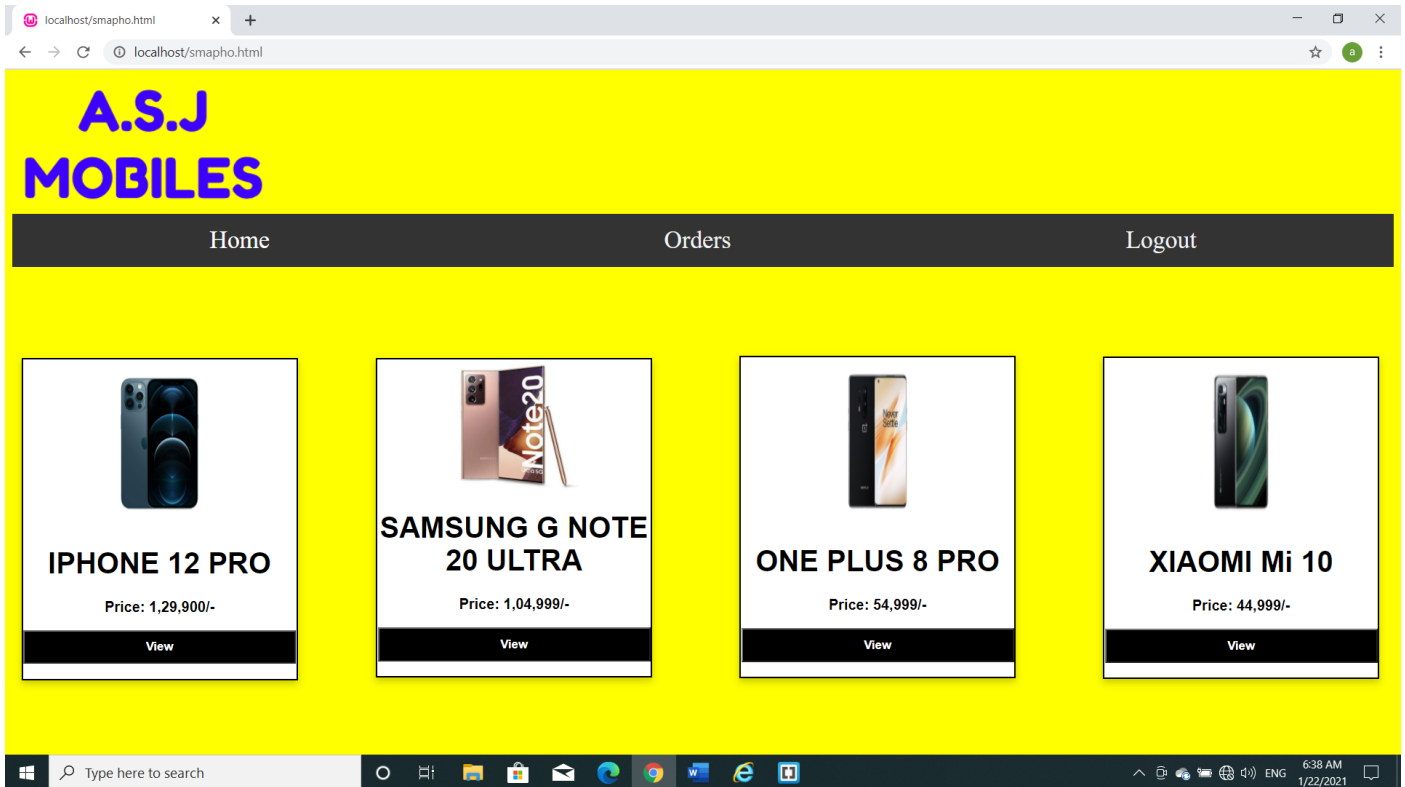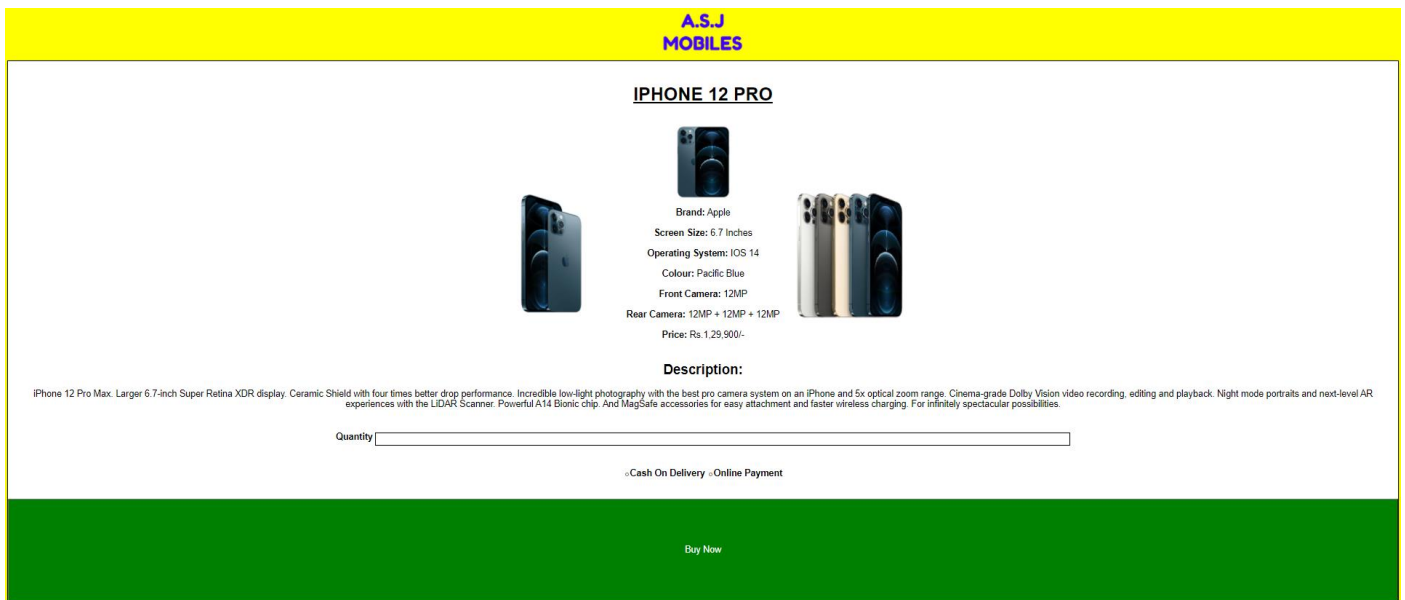

CATEGORIES OF PRODUCTS

MOBILE SHOP DATABASE

SMARTPHONES

PRODUCT DESCRIPTION PAGE

MOBILE SHOP DATABASE

A.S.J
MOBILES

Order No.	Model Name	Colour	Total Price	Type of Delivery	Quantity	Ordered Date	Status	Payment
77	XIAOMI MI 10	Coral Green	89998	cod	2	2021-01-18	DELIVERED	PAID
78	IPHONE 12 PRO	Pacific Blue	259800	cod	2	2021-01-18	NOT DELIVERED	NOT PAID
80	SAMSUNG GALAXY NOTE 20 ULTRA	Mystic Bronze	104999	cod	1	2021-01-18	DELIVERED	PAID
81	XIAOMI MI 10	Coral Green	179996	cod	4	2021-01-18	NOT DELIVERED	NOT PAID
82	MICROSOFT SURFACE PRO X	Matte Black	429950	cod	5	2021-01-20	NOT DELIVERED	NOT PAID
85	IPHONE 12 PRO	Pacific Blue	129900	cod	1	2021-01-22		

ORDERS PAGE

A.S.J
MOBILES

Feedback Form

Name

Enter Your Name

Mobile number

Enter Mobile Number

Email-ID

Enter Email-id

Feedback

Enter Your Feedback

Submit

FEEDBACK PAGE

MOBILE SHOP DATABASE

CONCLUSION

➢ An attempt is made in al its earnest towards the successful completion of the project. This system was verified with valid as well as with invalid data.

➢ This system is user friendly since it has been developed using HTML, CSS and PHP environment. Since the connection can be extended to any database. The control will be more powerful.

➢ Connecting it to any type of database extends the development control. Any suggestions for future development of the system are welcome.

➢ Upgrading the system if may can be done without affecting the proper functioning of system.

FUTURE ENHANCEMENTS

➢ The system could be modified suitably to work on a network. This involves, among other, resolving used conflicts, protecting database integrity and ensuring consisitency of data if it is distributed across multiple locations.

➢ Including employees.

➢ Maintain attendance details of employee.

➢ Other possibilities.

MOBILE SHOP DATABASE

REFERENCES

[1] For Theory Concepts

Fundamentals of Database Systems, Ramez Elmasri and Shamkant B.Navathe, 7 th Edition , 2017 , Pearson

[2] For Creation & Database Connection Of Application Forms

https://www.geeksforgeeks.org/signup-form-using-php-and-mysql-database/

[3] For Basic Concepts of PHP

https://www.w3schools.com/php/php_intro.asp

[4]For Connection From Front End To Back End Using JSP

https://coolestguidesontheplanet.com/how-to-connect-to-a-mysql-database-with-php/