Tourist management system

WEB ENGINEERING

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➤ INTRODUCTION:

Nearly everyone goes on a vacation and a Tourism management system would play a vital role in planning the perfect trip. The tourism management system allows the user of the system access all the details such as info about driver, hotels, location, events etc. The main purpose is to help tourism agencies to manage customer and hotels etc. The system can also be used for both professional and business trips. The proposed system maintains centralized repository to make necessary travel arrangements and to retrieve information easily. There is an admin box where the admin can login.

➤ SCOPE:

The main aim of this project is to help tourism companies to manage their customers, vehicles agents and drivers. It makes all operations of the tour companies easy and accurate. Different modules have been incorporated in this project to handle different parts and functions.

➤ OBJECTIVES:

This application is developed for tours and travel management system to provide a search platform where a tourist can find their tour places according to their choices. This system also gives tours related information like which places are tourist attractions, cities, and provinces. This system helps to promote responsible and interesting tourism so that people can enjoy their holidays at their favorable places.

➤ FUNCTIONALITY OF DATABASE:
The database created comprises of following entities i.e.
- ➤ Booking
- ➤ Tourist
- ➤ Tour agent
- ➤ Driver
- ➤ Places
- ➤ Search
- ➤ Admin

There is a code for every given entity, every file given has its own function every query works on its own there is a code for connection.
Also, every entity has its attributes which defines the entity completely. The tourism management system allows the user of the system access all the details such as hotels, places, restaurants.

➤ DATA IN MY PROJECT:
The data used in my data base is completely made on our own and is not taken from any site. It is somewhat like real data type.

➢ LANGUAGES USED:

Following are the languages that are used in this project:

- o PHP
- o HTML
- o CSS
- o MYSQL
- o JQuery

➢ STYLING:

Styling is done with CSS and HTML and Jquery

➢ CODES
➢ Index:

```php
<?php$hostname = "localhost";$user = "root";$pass = "";$db = "db";$link = mysqli_connect($hostname, $user,
$pass, $db) or die ("Could not connect:  ");?><!DOCTYPE html><style>body {  background-image: url('bbg.jpg');
ackground-repeat: no-repeat;  background-attachment: fixed;  background-size: cover;}</style><html><head><img
src="images.jpg" alt="" border=3 height=200 width=1330 align=bottom></img>    <title>Tourist Management
System</title><br><br></head><body><br><table width="70%" border="4" align="center">    <tr>         <td
colspan="1"style="background-color:#BBC5BD;">            <b><font face="Arial, Helvetica, sans-
serif"></font></b><h2 align="center">Tourist Management System</h2></td>    </tr>    <tr>         <td
colspan="1"style="background-color:#BBC5BD;">            <b><font face="Arial, Helvetica, sans-
serif"></font></b>          <h3 align="center">Login Page</h3>       </td>    </tr>    <tr align="center">
     <td style="background-color:#BBC5BD;">            <b><font face="Arial, Helvetica, sans-
serif"></font></b>>         <p>             <form action="signin.php" method="post">             Username:
<input type="text" name="username">             password: <input type="password" name="password">
     <button type="submit" name="submit">Log in</button>             </form>          </p>          </td>
</tr></table></body></html>
```
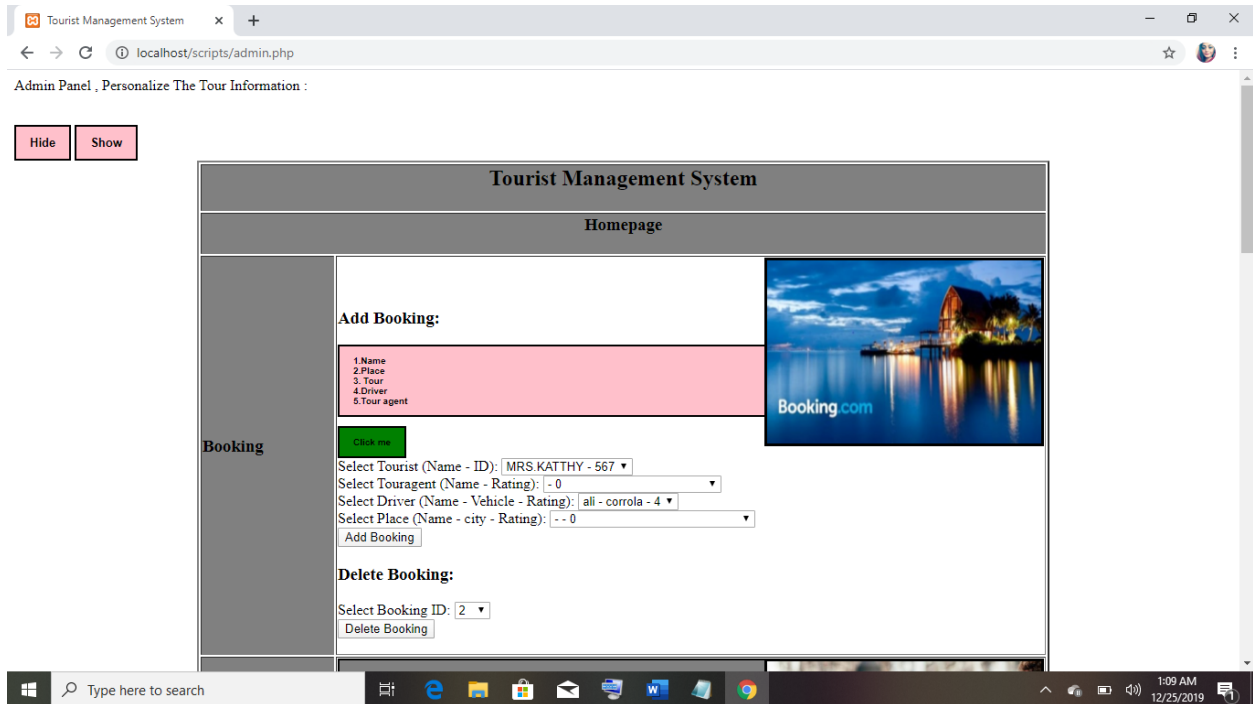
WebView:

Tourist Management System

Login Page

Username: dua.fatima   password: ••••   Log in

This Site is only to be used by the admin panel,Please enter Your admin id   Hide

Show

Jquery and Css:

```
#show
{
color:black;
background-color:grey;
font-family:Arial;
font-weight:bold;
font-size:small;
padding:10px 15px;
border:2px solid black;
}
#hide
{
color:black;

background-color:grey;
font-family:Arial;
font-weight:bold;
font-size:small;
padding:10px 15px;
border:2px solid black;
}

   {background-image: url('bbg.jpg');
background-repeat: no-repeat;
  background-attachment: fixed;
  background-size: cover;}
</style>
<html>
<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<script>


$(document).ready(function(){
  $("#hide").click(function(){
    $("p").hide();
  });
  $("#show").click(function(){
    $("p").show();
  });
});
```

Admin Panel:

Jquery Used:


```
  background-image: url('bbg.jpg');
background-repeat: no-repeat;
  background-attachment: fixed;
  background-size: cover;}
</style>
<html>
<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<script>

$(document).ready(function(){
  $("button").click(function(){
    $("#p3").css("color", "blue")
      .slideUp(2000)
      .slideDown(2000);
  });
});


$(document).ready(function(){
  $("#hide").click(function(){
    $("p").hide();
  });
  $("#show").click(function(){
    $("p").show();
  });
});

$(document).ready(function(){
  $("button").click(function(){
    $("#p1").css("color", "red")
      .slideUp(2000)
      .slideDown(2000);
  });
});
$(document).ready(function(){
  $("button").click(function(){
    $("#p2").css("color", "red")
      .slideUp(2000)
      .slideDown(2000);
  });
});

</script>
```

Css Used:

```
admin - Notepad
File   Edit   Format   View   H
font-family:Arial;
font-weight:bold;
font-size:small;
padding:10px 15px;
border:2px solid black;
}
#hide
{
color:black;
background-color:pink;
font-family:Arial;
font-weight:bold;
font-size:small;
padding:10px 15px;
border:2px solid black;
}
{
background-color:;
}
#clickme
{
color:black;
background-color:green;
font-family:Arial;
font-weight:bold;
font-size:x-small;
padding:10px 15px;
border:2px solid black;
}
{
background-color:;
}
#p1
{
color:black;
background-color:yellow;
font-family:Arial;
font-weight:bold;
font-size:x-small;
padding:10px 15px;
border:2px solid black;
D
{
background-color:;
}
#p2
{
color:black;
background-color:grey;
font-family:Arial;
font-weight:bold;
```

➢ Booking:

```php
<?php$hostname = "localhost";$user = "root";$pass = "";$db = "db";$link = mysqli_connect($hostname, $user,
$pass, $db) or die ("Could not connect:  ");$action = $_POST['submit'];if ($action == "add"){    $placecode =
$_POST['placecode'];    $tid = $_POST['TID'];    $taid = $_POST['TAID'];    $DriverID = $_POST['DriverID'];
$sql = "INSERT INTO `booking`(`TID`, `placeCode`, `DriverID`, `TAID`) VALUES ('$tid', '$placecode',
'$DriverID', '$taid')";    $res = mysqli_query($link, $sql);    if($res){        echo "Query successful <br>";
    echo "<a href='admin.php'>Click here</a> to go back.";    }else {        echo "Error! Query unsuccessful!
<br>";        echo "<a href='admin.php'>Click here</a> to go back.";    }} else if($action == "delete"){    $id
= $_POST['id'];    $sql = "DELETE FROM booking WHERE bid = '$id'";    $res = mysqli_query($link, $sql);    if
($res){        echo "Query successful <br>";        echo "<a href='admin.php'>Click here</a> to go back.";
}else {        echo "Error! Query unsuccessful! <br>";        echo "<a href='admin.php'>Click here</a> to go
back.";    }}
```

Web View:

Add Booking:

1.Name
2.Place
3. Tour
4.Driver
5.Tour agent

Click me

Select Tourist (Name - ID): MRS.KATTHY - 567 ▼
Select Touragent (Name - Rating): - 0 ▼
Select Driver (Name - Vehicle - Rating): ali - corrola - 4 ▼
Select Place (Name - city - Rating): - - 0 ▼
Add Booking

Delete Booking:

Select Booking ID: 2 ▼
Delete Booking

➢ Tourist and Tourist agent:

tourist - Notepad

File   Edit   Format   View   Help

```php
<?php
$hostname = "localhost";
$user = "root";
$pass = "";
$db = "db";

$link = mysqli_connect($hostname, $user, $pass, $db) or die ("Could not connect:  ");

$action = $_POST['submit'];

if ($action == "add"){
    $cnic = $_POST['cnic'];
    $name = $_POST['name'];
    $phone = $_POST['phone'];
    $address = $_POST['address'];
    $gender= $_POST['gender'];
    $nation = $_POST['nationality'];
    $sql = "INSERT INTO `tourist`(`name`, `CNIC`, `phone`, `nationality`, `gender`, `address`) VALUES ('$name', '$cnic', '$phone', '$nation', '$gender', '$address')
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";

    }
} else if($action == "delete"){
    $id = $_POST['id'];
    $sql = "DELETE FROM tourist WHERE tourist_id = '$id'";
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";

    }
```

```php
<?php
$hostname = "localhost";
$user = "root";
$pass = "";
$db = "db";

$link = mysqli_connect($hostname, $user, $pass, $db) or die ("Could not connect:  ");

$action = $_POST['submit'];

if ($action == "add"){
    $id = $_POST['id'];
    $name = $_POST['name'];
    $phone = $_POST['phone'];
    $rating = $_POST['rating'];
    $sql = "INSERT INTO `touragent`(`Name`, `ID`, `phone`, `rating`) VALUES ('$name', '$id', '$phone', '$phone')";
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";

    }
} else if($action == "delete"){
    $id = $_POST['id'];
    $sql = "DELETE FROM touragent WHERE id = '$id'";
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
```

Web View:

Places and Driver:

Driver:

driver - Notepad

File   Edit   Format   View   Help

```php
<?php
$hostname = "localhost";
$user = "root";
$pass = "";
$db = "db";

$link = mysqli_connect($hostname, $user, $pass, $db) or die ("Could not connect:  ");

$action = $_POST['submit'];

if ($action == "add"){
    $id = $_POST['id'];
    $name = $_POST['name'];
    $phone = $_POST['phone'];
    $rating = $_POST['rating'];
    $vehicle = $_POST['vehicle'];
    $vno = $_POST['vehicle_no'];
    $sql = "INSERT INTO `driver`(`Name`, `ID`, `phone`, `rating`, `vehicle`, `vehicle no`) VALUES ('$name', '$id', '$phone', '$phone', '$vehicle', '$vno')";
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";

    }
} else if($action == "delete"){
    $id = $_POST['id'];
    $sql = "DELETE FROM driver WHERE id = '$id'";
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
```

Places:

places - Notepad

File   Edit   Format   View   Help

```php
<?php
$hostname = "localhost";
$user = "root";
$pass = "";
$db = "db";

$link = mysqli_connect($hostname, $user, $pass, $db) or die ("Could not connect:  ");

$action = $_POST['submit'];

if ($action == "add"){
    $code = $_POST['placecode'];
    $name = $_POST['name'];
    $city = $_POST['city'];
    $rating = $_POST['rating'];
    $address = $_POST['address'];
    $country = $_POST['country'];
    $sql = "INSERT INTO `places`(`placecode`, `name`, `city`, `rating`, `country`, `address`) VALUES ('$code', '$name', '$city', '$rating', '$country', '$address')";
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";

    }
} else if($action == "delete"){
    $id = $_POST['id'];
    $sql = "DELETE FROM places WHERE id = '$id'";
    $res = mysqli_query($link, $sql);
    if($res){
        echo "Query successful <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
    }else {
        echo "Error! Query unsuccessful! <br>";
        echo "<a href='admin.php'>Click here</a> to go back.";
```
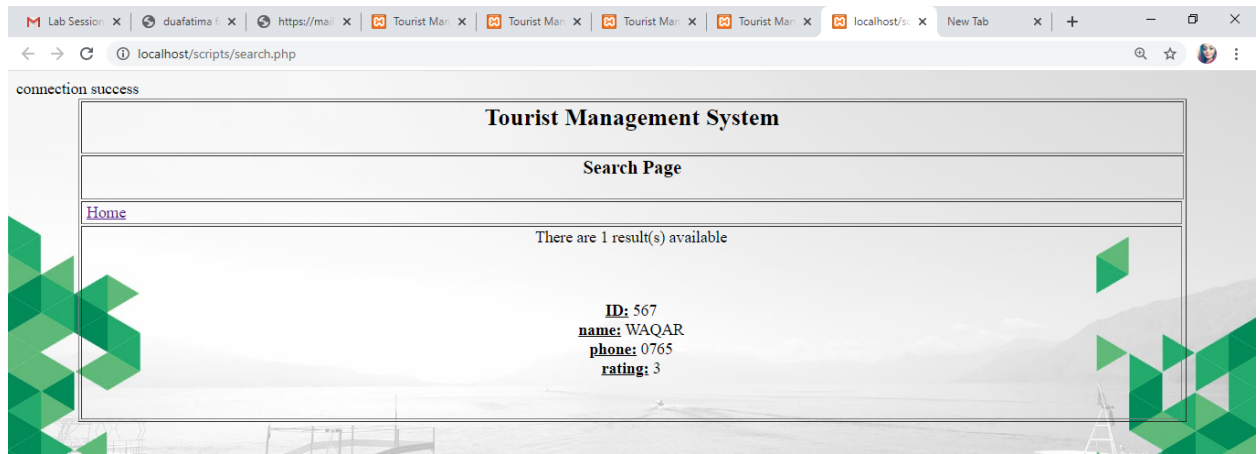
Web View:

➤ SEARCH:

```php
<?php$hostname = "localhost";$user = "root";$pass = "";$db = "db";$link = mysqli_connect($hostname, $user,
$pass, $db) or die ("Could not connect:  ");echo "connection success";$searchType = $_POST["search_type"];
$searchCriterion = $_POST["search_param"];if ($searchType == "tourist") {    $sql = "SELECT * FROM tourist
WHERE tourist_id = '$searchCriterion'";} else if ($searchType == "driver") {    $sql = "SELECT * FROM driver
WHERE ID = '$searchCriterion'";} else if ($searchType == "places") {    $sql = "SELECT * FROM places WHERE
placecode = '$searchCriterion'";} else if ($searchType == "booking") {    $sql = "SELECT * FROM booking WHERE
BID = '$searchCriterion'";} else if ($searchType == "touragent") {    $sql = "SELECT * FROM touragent WHERE ID
= '$searchCriterion'";}$res = mysqli_query($link, $sql);print("<table width=\"90%\" border=\"1\" align=
\"center\">    <tr>        <td colspan=\"2\"><h2 align=\"center\">Tourist Management System</h2></td>    </tr>
   <tr>        <td colspan=\"2\">            <h3 align=\"center\">Search Page</h3>        </td>    </tr>
<tr>");print("<td> <a href=\"admin.php\">Home</a>          </td> ");print("<tr>
<td align=\"center\"> ");if ($res && mysqli_num_rows($res) > 0) {    print("<p>There are " . mysqli_num_rows
($res) . " result(s) available</p>");    while ($data = mysqli_fetch_assoc($res)) {        print("<br><br>");
    foreach ($data as $key => $value) {            print("<b><u>$key:</u></b> $value<br/>");        }
print("<br><br>");    }} else {    print("There is nothing found for your current search criterion  :-
$searchType = \"$searchCriterion\" <br> Please recheck your searching criteria! <br\> <br> Thanks! <br/>");}
print("</td>            </tr>                        </table> ");mysqli_close($link);?>
```

Web View:

➤ SIGNIN :

```php
<?php$username = "admin";$pass = "admin";if($_POST['username'] == $username && $pass = $_POST['password']){
header("location: admin.php");} else {    echo "Invalid username/password!<br>";    echo "<a
href='index.php'>Click here</a> to go back";}
```

➤ Data Base:

```sql
--
-- Table structure for table `tourist`
--

CREATE TABLE `tourist` (
  `tourist_id` int(11) NOT NULL,
  `name` text NOT NULL,
  `CNIC` varchar(10) NOT NULL,
  `phone` text NOT NULL,
  `nationality` text NOT NULL,
  `gender` text NOT NULL,
  `address` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `tourist`
--

INSERT INTO `tourist` (`tourist_id`, `name`, `CNIC`, `phone`, `nationality`, `gender`, `address`) VALUES
(567, 'MRS.KATTHY', '5678908765', '56789', 'CANADIAN', 'FEMALE', 'HOUSE A55 ST.ATA15, TORONTO'),
(568, 'Maryam', '61101-0101', '03001231212', 'US', 'female', 'Thomas Nolan Kaszas, Otter Ln');

--
-- Indexes for dumped tables
--

--
-- Indexes for table `booking`
--
ALTER TABLE `booking`
  ADD PRIMARY KEY (`BID`);

--
-- Indexes for table `driver`
--
ALTER TABLE `driver`
  ADD PRIMARY KEY (`ID`);

--
-- Indexes for table `places`
--
ALTER TABLE `places`
  ADD PRIMARY KEY (`placecode`);

--
-- Indexes for table `touragent`
--
ALTER TABLE `touragent`
  ADD PRIMARY KEY (`ID`);
```
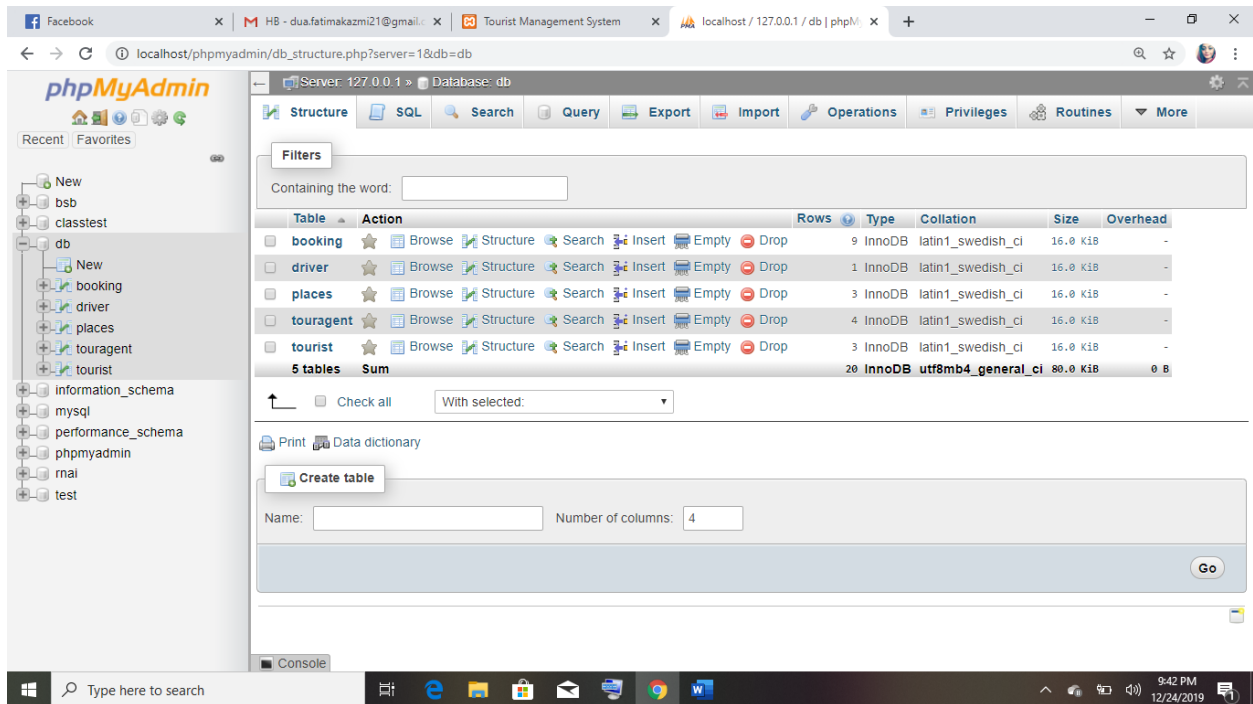
Xamp:

Php codes are given in a separate file.

➢ WORK DIVISION:

Dua Fatima: styling(html and Css and jquery), php admin, Index code, report.
Qanita javed: tourist and Tour Agent php Coding.
Ayesha Imran: Created database and input records and search php coding, report.
Maryam Abdullah: Sign In ,Sign Up and Booking Php coding
Faraf Khursheed : place php code and driver code.

➢ ACRONYMS USED:

- o   PHP: Hypertext Preprocessor
- O   HTML: Hypertext Markup Language
- O   CSS: Cascading Style Sheets