BANGLADESH ARMY UNIVERSITY OF SCIENCE AND TECHNOLOGY(BAUST), SAIDPUR

PROJECT REPORT-02

Department: Computer Science and Engineering

Course Title: Web Engineering project

Course no: CSE 3200

Experiment No: 02

Name of the Experiment:Final Project Presentation

Submitted To:

Name: Md. Al- Hasan

Designation: Lecturer

❖ **Project Title:** BD Car Rental Service
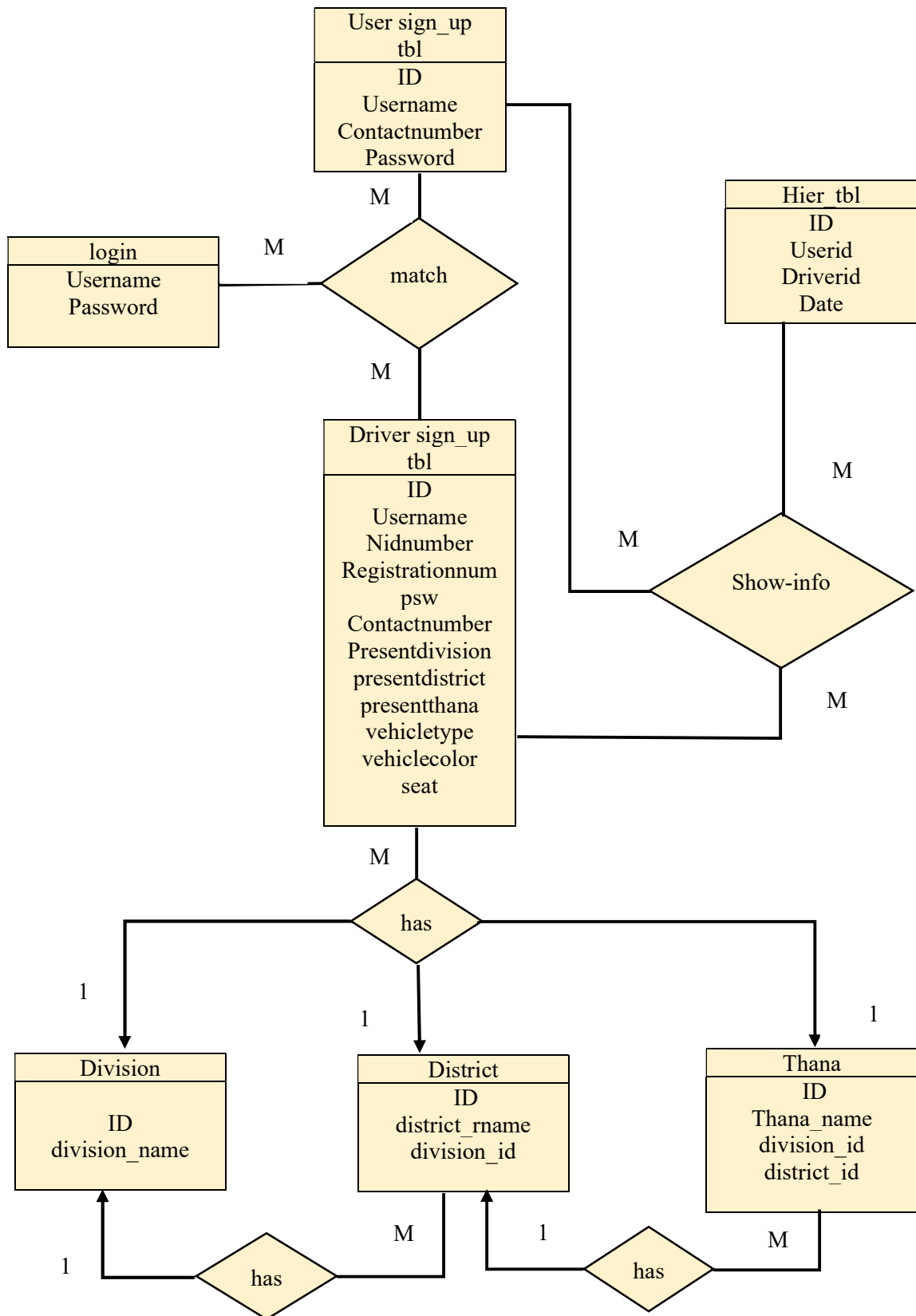
❖ **Objective:**

The objective of online car, ambulance Rental system are:

- The users are able to enter the company's website for searching and reserving their favorite cars easily through the internet and it can be access anywhere anytime in the country.
- Ambulance service respond rapidly to request for help in a medical emergency
- And Rural places people can also book this in their area's available car and ambulance at any time

❖ **Group members:**

NAME	ID
Anite Halim Sagor	180101007
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❖ Entity-relationship diagram (ER diagram):

❖ Features:

1.Index.html & about.html: This feature enables both the users and the drivers sothat they can choose how they login website as a user or driver. This page show some option like about us which describe our website and developer. there are two more option like driver's registration and user's registration.


```php
<?php require_once 'cardb_connect.php'; ?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <link rel="stylesheet" href="../css/index.css">
        <meta name="viewport" content="width=device-width">
        <title>carrent</title>
    </head>

    <div class="header">
        <div class="row">
            <div class="column">
                <h1>BD Car Rental Service</h1>
            </div>
            <div class="column">
                <img src="../pic/logo1.png"alt="Logo"/>
            </div>
            <div class="column">
                <h1>www.bdcarrental.com</h1>
            </div>
        </div>
    </div>
```

```html
<body>
    <nav id="nav">
        <ul>
            <li><a style="color: red;"href="index.html">back</a></li>
            <li><a style="color: red;" href="about.html">about us</a></li>
            <!--<li style="float:right"><input type="text" placeholder="Search.."><i id="searchIcon"></i></
        </ul>
    </nav>
    <section>
        <div class="container">
            <div id="driver">
                <a href="../php/driverlogin.php"><button type="button">DRIVER'S REGISTRATION</button></a>
            </div>
            <div id="USER">
                <a href="../php/login.php"><button type="button">USER'S REGISTRATION</button></a>
            </div>

        </div>
    </section>
</body>
```

```html
<footer>
    <div class="row1">
        <div class="column1 left">
            <h4>CONTACT US</h4>
            <ul>
            <li>Phone : 05526-73403, 01769 675554, 01769 675553, 01769 675552, 01769 675551</i></
            <li>Email : mou@baust.edu.bd, anite@baust.edu.bd, tanzim@baust.edu.bd</li>
            <li>Address : Saidpur Cantonment, Saidpur</li>
        </ul>
        </div>
        <div class="column1 middle">
            <div id="ftext">
                <p>you can pay using</p>
            </div>
            <img src="../pic/credit.png"alt="Logo"/>
            <img src="../pic/debit.png"alt="Logo"/>
            <img src="../pic/bkash.png"alt="Logo"/>
            <img src="../pic/nogod.jpg"alt="Logo"/>
            <img src="../pic/roket.png"alt="Logo"/>
        </div>
        <div class="column1 right">
            <h4>PRODUCT</h4>
            <ul>
                <li>Car booking</li>
                <li>ambulance booking</li>
                <li>Address : Saidpur Cantonment, Saidpur</li>
            </ul>
        </div>
    </div>
    <div id="finish">
        <p>Thanks for visit.</p>
```

Fig1:Index.html

```html
                </div>
        </div>

    <body>
        <section>
            <div class="wrapper1">
                <p>Good things happen when people can move, whether
                    across town or toward their dreams. Opportunities appear, open up, become reality.
                    What started as a way to tap a button to get a ride has led to billions of moments of human connection
                    around the world go all kinds of places in all kinds of ways with the help of our technology.<br/>our w
                provide some basic facilities:<br/>*people can hier any type of car <br/>*In emergency situation people
                    can hier ambulance <br/>*For safty reason people can see the informathon about driver and Vehicle </p>
            </div>
            <div class="wrapper">
                <p>Developed By</p>
            </div>


            <div class="team">
                <div class="team_member">
                    <div class="team_img">
                        <img src="../pic/tanzim.jpg">
                    </div>
                        <h3>Name:Afsana Afrose Tanzim<br>
                            Address:Babukha Uttor para,Rangpur<br>
                            Contact number:01780857355<br>
                            varsity name:Bangladesh Army University Science &Technology<br>
                            Degree:B.sc Engg in CSE</h3>
                </div>
```
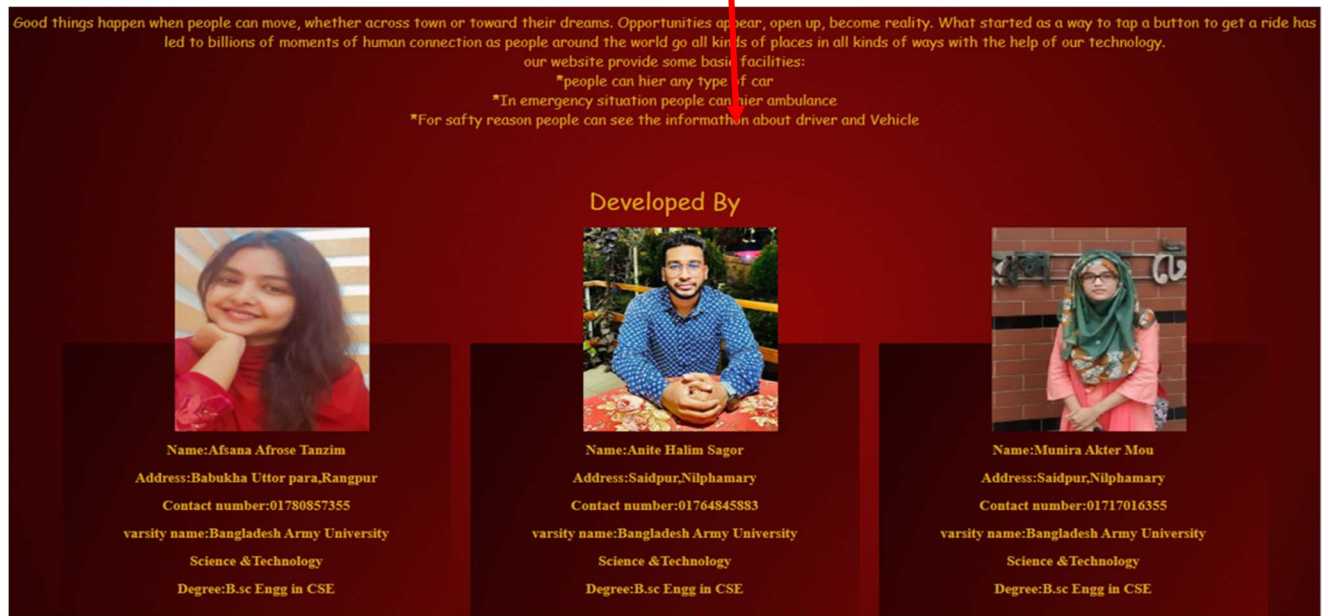
Fig2:about.html

DRIVER SITE

2.Driverlogin.php , driver.php & condition.html:These features mostly enables for the driver's if anyone want to use this website as a driver first of all he needs to signup this site.If he or she have already an account then he can directly login this site.There is some terms and conditions which condition should be performed by the drivers when he signup the page.

Fig3: driverlogin.php

```php
<?php
require_once 'cardb_connect.php';
    if($_POST) {
        $Username = $_POST['username'];
        $Nidnumber = $_POST['nidnumber'];
        $Registrationnum = $_POST['registrationnum'];
        $Contactnum = $_POST['contactnum'];
        $Psw = $_POST['psw'] ;
        $Confirmpsw = $_POST['confirmpsw'];
        $Presentdivision = $_POST['division'];
        $Presentdistrict = $_POST['district'];
        $Presentthana = $_POST['thana'];
        $Vehicletype = $_POST['vehicletype'];
        $Vehiclecolor = $_POST['vehiclecolor'];
        $Seat = $_POST['seat'];
        $pdname='';
        if(isset($_POST['division'])){
            $dname=mysqli_query($connect,"select * from division where ID='$Presentdivision'");
            if(mysqli_num_rows($dname)==1){

                $drow=mysqli_fetch_array($dname);
                $pdname=$drow['division_name'];

                $disname=mysqli_query($connect,"select * from district where ID='$Presentdistrict' and division_id='$Presen
                $disrow=mysqli_fetch_array($disname);
                $pdisname=$disrow['district_name'];

                $thananame=mysqli_query($connect,"select * from thana where ID='$Presentthana' and district_id='$Presentdis
                $thanarow=mysqli_fetch_array($thananame);
                $pthananame=$thanarow['thana_name'];
                $sql = "INSERT INTO driver_tbl (Username, Nidnumber, Registrationnum, Contactnum, Psw, Confirmpsw, Presentd
        if($connect->query($sql) === TRUE) {
```

```php
        echo '<script>alert("signup Successfully Done")</script>';
        header("location:../php/driverlogin.php");
        } else {
        echo "Error " . $sql . ' ' . $connect->connect_error;
    }

        }
        else{
            echo '<script>alert("num_rows")</script>';
        }
    }
    else{
        echo '<script>alert("is set if")</script>';
    }
    $connect->close();
    }
?>
```

```html
<script src="../js/driverjs.js"></script>
<meta name="viewport" content="width=device-width">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script>
    $(document).ready(function(){
        $(".division").change(function(){
            var division_id=$(this).val();
            $.ajax({
                url:"./district_thana.php",
                method:"post",
                data:{division_id:division_id},
                success:function(data){
                    $(".district").html(data);
                }
            });
        });
        $(".district").change(function(){
            var dis_division_id=$(".division").val();
            var district_id=$(this).val();
            $.ajax({
                url:"./district_thana.php",
                method:"post",
                data:{dis_division_id:dis_division_id,district_id:district_id},
                success:function(data){
                    $(".thana").html(data);
                }
            });
        });
    });
```

```html
<h2>Please fill in this form to create an account.</h2>
<hr>
<form name="driverform" action="<?=$_SERVER['PHP_SELF']?>" onsubmit="return formValidation();" method="post">

    <div class ="fillup">
        <ul>
            <li><label for="username">Name:</label></li>
            <li><input type="text" name="username" size="50" required</li>
            <li><label for="nidnumber">NID No.:</label></li>
            <li><input type="number" name="nidnumber" size="50" /></li>
            <li><label for="registrationnum">Vehicle Registration No.:</label></li>
            <li><input type="number" name="registrationnum" size="50" required</li>
            <li><label for="contactnum">Contact Num.:</label></li>
            <li><input type="number" name="contactnum" size="20" required</li>
            <li><label for="psw">Password:</label></li>
            <li><input type="Password" name="psw" size="20" required</li>

            <li><label for="confirmpsw">Confirm Password:</label></li>
            <li><input type="password" name="confirmpsw" size="20" required</li>
            <li><label for="">Division:</label>
            <select name="division" id="division" class="division">
            <option value="" selected="selected">select division</option>
            <?php  $sql=mysqli_query($connect,"select * from division order by division_name");
    while($row=mysqli_fetch_array($sql))
    {
        ?>
            <option value="<?php echo $row['ID'];?>"><?php echo $row['division_name'];?></option>
    <?php
    }
    ?>
```


Fig4:driver.php

```html
<body>
    <nav id="nav">
        <ul>
            <li><a style="color: red;"href="../php/driver.php">back</a></li>
            <li><a style="color: red;" href="about.html">about us</a></li>
            <!--<li style="float:right"><input type="text" placeholder="Search.."><i id="searchIcon"></
        </ul>
    </nav>
    <section>
        <div id="text">
            <h1>Terms and Conditions<h1>
            <p>A Terms and Conditions agreement is the agreement that includes the terms, the rules and the
            guidelines of acceptable behavior and other useful
            sections to which users must agree in order to use or access our website and mobile app.
            <br/><br/>
            when you creat a account you should follow some rules:<br/>
            *You must give valid username.<br/>
            *You must give strong password which length mustbe greater then 7 and less then 12<br/>
            *You must give correct NID and registration number<br/>
            *You must give your mobile number correctly
        </p>
            </div>
    </section>
</body>
```

Terms and Conditions

A Terms and Conditions agreement is the agreement that includes the terms, the rules and the guidelines of acceptable behavior and other useful sections to which users must agree in order to use or access our website and mobile app.

when you creat a account you should follow some rules:
*You must give valid username.
*You must give strong password which length mustbe greater then 7 and less then 12
*You must give correct NID and registration number
*You must give your mobile number correctly

Fig5:condition.htm

4.Driverinfopage.php: These feature mainly use for the driver sothat they can see their information and also can see the other driver's information.This page show some option like available,edit and logout.If any driver get hier then this available botton will show reserved.

```php
<?php
  $sql2 = "SELECT * FROM driver_tbl WHERE ID={$_SESSION['id']} ";
  $result2 = $connect->query($sql2);
  if($result2->num_rows > 0) {
    $row2 = $result2->fetch_assoc();
    echo
    "<span class='dinfo' style='color:black;'>DRIVER INFORMATION </span>"."<br/>".
      "Username: ".$row2['Username']."<br/>".
      "Nidnumber: " .$row2['Nidnumber']."<br/>".
      "Registrationnum: " .$row2['Registrationnum']."<br/>".
      "Presentdivision: " .$row2['Presentdivision']."<br/>".
      "Presentdistrict: " .$row2['Presentdistrict']."<br/>".
      "Presentthana: " .$row2['Presentthana']."<br/>".
      "Vehicletype: " .$row2['Vehicletype']."<br/>".
      "Vehiclecolor: " .$row2['Vehiclecolor']."<br/>".
      "Seat: " .$row2['Seat']."<br/>";
    if($row2['Username']==$_SESSION['uname']){
      if ($row2['active']==1) {
        echo "<a href='#'><button type='button'>Available</button></a>"."<br/>";

      }
      else if ($row2['active']==2) {
      echo "<a href='ride.php'><button type='button'>Reserved</button></a>"."<br/>";
      echo "<div class='popup active' id='popup-1'>".
      "<div class='overlay'>".
      "<div class='content_2'>".
        "<div class='close-btn' onclick='togglePopup()'>x</div>".
        "<h1>Congratulation!</h1>".
        "<p>You-Hoo!!!! you have been hired.<span class='alart-color'> Click </span>the r
        "<a href='ride.php'><button class='button reserved_btn' type='button'>Reserved</
        "</div>".
      "</div>".
```

```php
      }
      echo

      "<a href='edit.php?id=".$_SESSION['id']."'><button type='button'>Edit</button></a>"
      "<a href='./logout.php'><button type='button'>logout</button></a>"."<hr>"."<br/>"
      ;
    }
  }
  $sql = "SELECT * FROM driver_tbl WHERE active = 1";
  $result = $connect->query($sql);
  if($result->num_rows > 0) {
    while($row = $result->fetch_assoc()) {

      echo
      "<span class='dinfo' style='color:black;'>DRIVER INFORMATION </span>"."<br/>".
        "Username: ".$row['Username']."<br/>".
        "Nidnumber: " .$row['Nidnumber']."<br/>".
        "Registrationnum: " .$row['Registrationnum']."<br/>".
        "Presentdivision: " .$row['Presentdivision']."<br/>".
        "Presentdistrict: " .$row['Presentdistrict']."<br/>".
        "Presentthana: " .$row['Presentthana']."<br/>".
        "Vehicletype: " .$row['Vehicletype']."<br/>".
        "Vehiclecolor: " .$row['Vehiclecolor']."<br/>".
        "Seat: " .$row['Seat']."<br/>";
    ?>
    <span class= <?php if($row['active']==1){echo 'available';}else {echo 'reserved';}?>"><?php if

    <?php
    }
  }
  else{
    echo "<tr><td colspan='5'><center>No Data Avaliable</center></td></tr>";
```


Fig6: driverinfopage.php

5.Edit.php & update.php: If any driver want to change their information then he will click the edit button and he can change their information and then his information will be updated.

```php
<?php require_once 'cardb_connect.php';
if($_GET['id']) {
$id = $_GET['id'];
$sql = "SELECT * FROM driver_tbl WHERE ID = {$id}";
$result = $connect->query($sql);
$data = $result->fetch_assoc();
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <link rel="stylesheet" href="../css/edit.css">
        <meta name="viewport" content="width=device-width">
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
        <script>
            $(document).ready(function(){
                $(".division").change(function(){
                    var division_id=$(this).val();
                    $.ajax({
                        url:"./district_thana.php",
                        method:"post",
                        data:{division_id:division_id},
                        success:function(data){
                            $(".district").html(data);
                        }
                    });
                });
                $(".district").change(function(){
                    var dis_division_id=$(".division").val();
                    var district_id=$(this).val();
                    $.ajax({
                        url:"./district_thana.php",
                        method:"post",
                        data:{dis_division_id:dis_division_id,district_id:district_id},
                        success:function(data){
                            $(".thana").html(data);
                        }
                    });
                });
            });
        </script>
```

```php
<th>Confirmpsw</th>
<td><input type="text" name="Confirmpsw" placeholder="Confirmpsw" value="<?php echo $data['Confirmpsw']?>" /></td>
</tr>


<tr>
<th>Presentdivision</th>
<td> <select name="division" id="division" class="division">
            <option value="" selected="selected">select division</option>
            <?php  $sql2=mysqli_query($connect,"select * from division order by division_name");
        while($row=mysqli_fetch_array($sql2))
        {
            ?>
            <option value="<?php echo $row['ID'];?>"><?php echo $row['division_name'];?></option>
        <?php
        }
        ?>

    </select>
</td>
</tr>
```

Fig7: edit.php

```php
<?php
require_once 'cardb_connect.php';
    if($_POST) {
        $id = $_POST['id'];
        $Username = $_POST['Username'];
        $Contactnum = $_POST['Contactnum'];
        $Psw = $_POST['Psw'] ;
        $Confirmpsw = $_POST['Confirmpsw'];
        $Presentdivision = $_POST['division'];
        $Presentdistrict = $_POST['district'];
        $Presentthana = $_POST['thana'];
        $Vehicletype = $_POST['vehicletype'];
        $Vehiclecolor = $_POST['vehiclecolor'];
        $Seat = $_POST['Seat'];
        $pdname='';
        if(isset($_POST['division'])){
            $dname=mysqli_query($connect,"select * from division where ID='$Presentdivision'");
            if(mysqli_num_rows($dname)==1){

                $drow=mysqli_fetch_array($dname);
                $pdname=$drow['division_name'];

                $disname=mysqli_query($connect,"select * from district where ID='$Presentdistrict' and division_id='$Presen
                $disrow=mysqli_fetch_array($disname);
                $pdisname=$disrow['district_name'];

                $thananame=mysqli_query($connect,"select * from thana where ID='$Presentthana' and district_id='$Presentdis
                $thanarow=mysqli_fetch_array($thananame);
                $pthananame=$thanarow['thana_name'];
        $sql = "UPDATE driver_tbl  SET Username='$Username', Contactnum='$Contactnum', Psw='$Psw', Confirmpsw='$Confirmpsw'
    if($connect->query($sql) === TRUE) {
    echo "<span class='update'><p>Succcessfully Updated</p></span>";
```

```php
        echo "<a href='edit.php?id=".$id."'><button type='button'>Back</button></a>";
        echo "<a href='driverinfopage.php'><button type='button'>Home</button></a>";
        } else {
        echo "Erorr while updating record : ". $connect->error;
        }
        $connect->close();
        }
            }
        }
    ?>
    <!DOCTYPE html>
    <html>
        <head>
            <meta charset="utf-8">
            <link rel="stylesheet" href="../css/update.css">
            <meta name="viewport" content="width=device-width">
            <title>carrent</title>
        </head>
        <body>
    </body>
        </html>
```

Fig7.1:, update.php

Fig7.2: Output for edit.php , update.php

USER SITE

6.Userlogin.php & userregister.php: These features mostly enables for the users if they want to use this site first of all they need to create an account sothat they can login this site.If they have already an account then they don't need to create an account they can directly login the site using username and password.
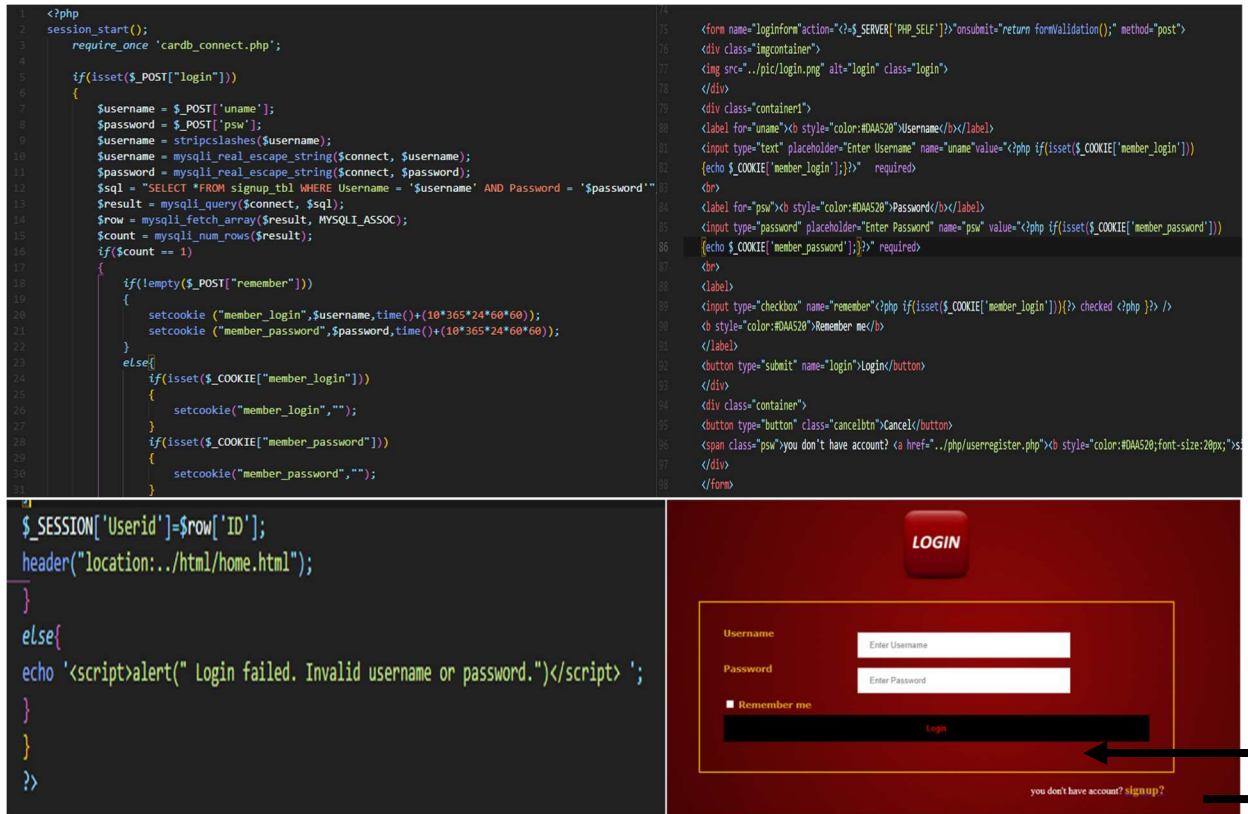
```php
<?php
session_start();
    require_once 'cardb_connect.php';

    if(isset($_POST["login"]))
    {
        $username = $_POST['uname'];
        $password = $_POST['psw'];
        $username = stripcslashes($username);
        $username = mysqli_real_escape_string($connect, $username);
        $password = mysqli_real_escape_string($connect, $password);
        $sql = "SELECT *FROM signup_tbl WHERE Username = '$username' AND Password = '$password'";
        $result = mysqli_query($connect, $sql);
        $row = mysqli_fetch_array($result, MYSQLI_ASSOC);
        $count = mysqli_num_rows($result);
        if($count == 1)
        {
            if(!empty($_POST["remember"]))
            {
                setcookie ("member_login",$username,time()+(10*365*24*60*60));
                setcookie ("member_password",$password,time()+(10*365*24*60*60));
            }
            else{
                if(isset($_COOKIE["member_login"]))
                {
                    setcookie("member_login","");
                }
                if(isset($_COOKIE["member_password"]))
                {
                    setcookie("member_password","");
                }
```
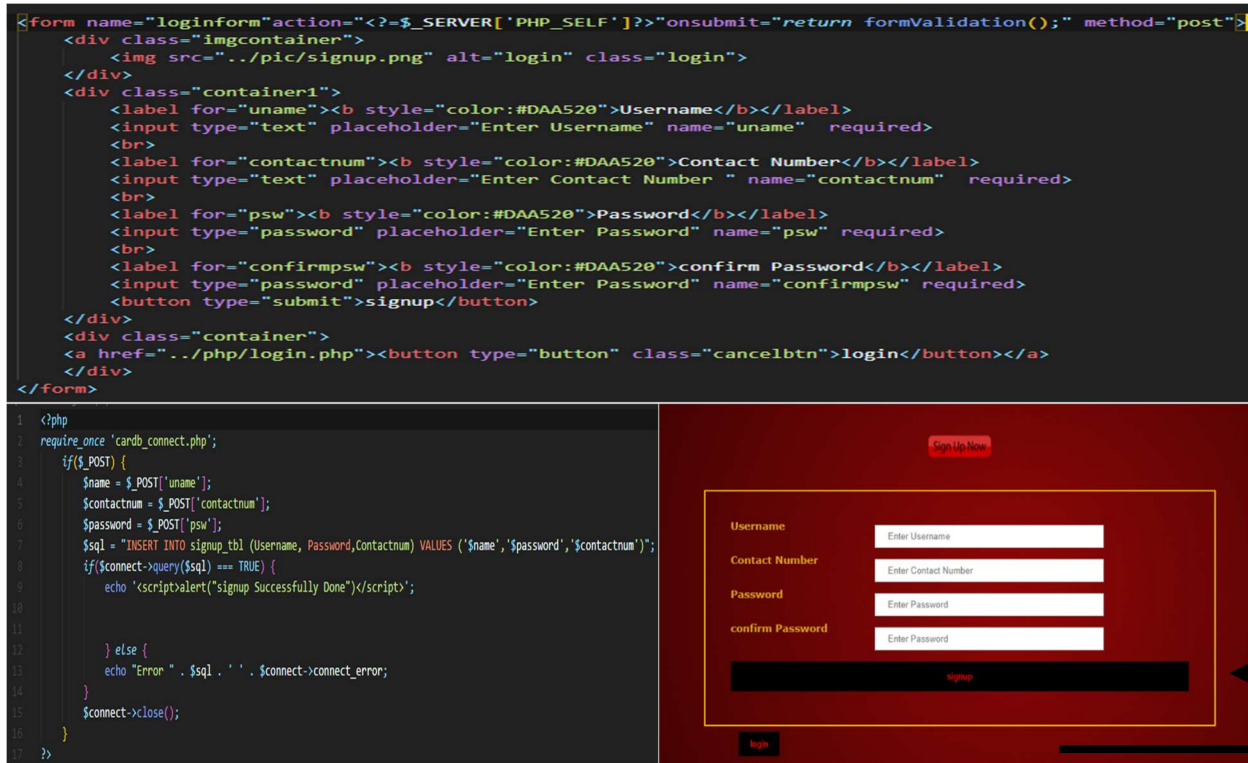
```html
<form name="loginform"action="<?=$_SERVER['PHP_SELF']?>"onsubmit="return formValidation();" method="post">
<div class="imgcontainer">
<img src="../pic/login.png" alt="login" class="login">
</div>
<div class="container1">
<label for="uname"><b style="color:#DAA520">Username</b></label>
<input type="text" placeholder="Enter Username" name="uname"value="<?php if(isset($_COOKIE['member_login']))
{echo $_COOKIE['member_login'];}?>"  required>
<br>
<label for="psw"><b style="color:#DAA520">Password</b></label>
<input type="password" placeholder="Enter Password" name="psw" value="<?php if(isset($_COOKIE['member_password']))
{echo $_COOKIE['member_password'];}?>" required>
<br>
<label>
<input type="checkbox" name="remember"<?php if(isset($_COOKIE['member_login'])){?> checked <?php }?> />
<b style="color:#DAA520">Remember me</b>
</label>
<button type="submit" name="login">Login</button>
</div>
<div class="container">
<button type="button" class="cancelbtn">Cancel</button>
<span class="psw">you don't have account? <a href="../php/userregister.php"><b style="color:#DAA520;font-size:20px;"si
</div>
</form>
```

```php
$_SESSION['Userid']=$row['ID'];

header("location:../html/home.html");

}

else{

echo '<script>alert(" Login failed. Invalid username or password.")</script> ';

}

}

?>
```

Fig8: userlogin.php

```html
<form name="loginform"action="<?=$_SERVER['PHP_SELF']?>"onsubmit="return formValidation();" method="post">
    <div class="imgcontainer">
        <img src="../pic/signup.png" alt="login" class="login">
    </div>
    <div class="container1">
        <label for="uname"><b style="color:#DAA520">Username</b></label>
        <input type="text" placeholder="Enter Username" name="uname"  required>
        <br>
        <label for="contactnum"><b style="color:#DAA520">Contact Number</b></label>
        <input type="text" placeholder="Enter Contact Number " name="contactnum"  required>
        <br>
        <label for="psw"><b style="color:#DAA520">Password</b></label>
        <input type="password" placeholder="Enter Password" name="psw" required>
        <br>
        <label for="confirmpsw"><b style="color:#DAA520">confirm Password</b></label>
        <input type="password" placeholder="Enter Password" name="confirmpsw" required>
        <button type="submit">signup</button>
    </div>
    <div class="container">
    <a href="../php/login.php"><button type="button" class="cancelbtn">login</button></a>
    </div>
</form>
```

```php
<?php
require_once 'cardb_connect.php';
    if($_POST) {
        $name = $_POST['uname'];
        $contactnum = $_POST['contactnum'];
        $password = $_POST['psw'];
        $sql = "INSERT INTO signup_tbl (Username, Password,Contactnum) VALUES ('$name','$password','$contactnum')";
        if($connect->query($sql) === TRUE) {
            echo '<script>alert("signup Successfully Done")</script>';

        } else {
            echo "Error " . $sql . ' ' . $connect->connect_error;
        }
        $connect->close();
    }
?>
```

Fig9: userresister.php

8.home.html:User has two option for booking.If user want to hier a car then he will choose car option on the other hand if user want to hier ambulance then he will choose ambulance option.

Fig10: home.html

9.About.css,condition.css,driver.css,division.css,driverinfopage.css,driverlogin.css,edit.css,home.css,index.css,login.css,update.css,popup.css,userregister.css: CSS is the language we use to style an HTML document.CSS describes how HTML elements should be displayed.So,these css page use to style an HTML document in our website.

10.Driver.js & login.js: Before submitting data to the server, it is important to ensure all required form controls are filled out, in the correct format. This is called **client-side form validation**, and helps ensure data submitted matches the requirements set forth in the various form controls.These page are also help to check the validation when we want to signup or login in website.

```
function passid_validation(passid) {
    var passid_len = passid.value.length;
    if ( passid_len <= 7 || passid_len >= 12) {
        alert(
            'Password should not be empty / length be between 7 to 12'
        );
        event.preventDefault();
        passid.focus();

    }
    else{return true;}

}

function cpassid_validation(passid, cpassid) {
    if (passid.value !== cpassid.value) {
        alert("Password didn't match");
        event.preventDefault();
        cpassid.focus();

    }
    else{return true;}
}
```

```
1  function formValidation() {
2      var uname = document.loginform.uname;
3      var passid = document.loginform.psw;
4      var cpassid = document.loginform.confirmpsw;
5
6      if (allLetter(uname)) {
7          if (passid_validation(passid)) {
8              if (cpassid_validation(passid, cpassid)) {
9              }
10         }
11     }
12
13
14
15  }
16  function allLetter(uname) {
17      var letters = /^[A-Za-z ]+$/;
18      if (uname.value.match(letters)) {
19          return true;
20      } else {
21          alert('Username must have alphabet characters only');
22          event.preventDefault();
23          uname.focus();
24      }
25  }
26  }
```

```
29  function passid_validation(passid) {
30      var passid_len = passid.value.length;
31      if ( passid_len <= 7 || passid_len >= 12) {
32          alert(
33              'Password should not be empty / length be between 7 to 12'
34          );
35          event.preventDefault();
36          passid.focus();
37
38      }
39      else{return true;}
40
41  }
42  function cpassid_validation(passid, cpassid) {
43      if (passid.value !== cpassid.value) {
44          alert("Password didn't match");
45          event.preventDefault();
46          cpassid.focus();
47
48      }
49      else{return true;}
50  }
```

Fig11: Driver.js & login.js

11.Division.php & district_thana.php:User can see the driver's information according to their division,district and thana.we are using ajax to creat dynamic selection button. AJAX allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

```
<?php
session_start();
include_once "../php/cardb_connect.php";
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <link rel="stylesheet" href="../css/division.css">
        <meta name="viewport" content="width=device-width">
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
        <script>
            $(document).ready(function(){
                $(".division").change(function(){
                    var division_id=$(this).val();
                    $.ajax({
                        url:"./district_thana.php",
                        method:"post",
                        data:{division_id:division_id},
                        success:function(data){
                            $(".district").html(data);
                        }
                    });
                });

                $(".district").change(function(){
                    var dis_division_id=$(".division").val();
                    var district_id=$(this).val();
                    $.ajax({
                        url:"./district_thana.php",
                        method:"post",
                        data:{dis_division_id:dis_division_id,district_id:district_id},
                        success:function(data){
                            $(".thana").html(data);
                        }
                    });
                });
            });
        </script>
```

```
<form action="userinfopage.php" method="POST">
<div class="container1">
    <label for="">Division</label>
    <select name="division" id="division" class="division">
        <option value="" selected="selected">select division</option>
        <?php  $sql=mysqli_query($connect,"select * from division order by division_name");
        while($row=mysqli_fetch_array($sql))
        {
        ?>
            <option value="<?php echo $row['ID'];?>"><?php echo $row['division_name'];?></option>
        <?php
        }
        ?>

    </select>

    <br>
    <br>
    <label for="">District</label>
    <select name="district" id="district" class="district">
        <option value="" selected="selected">select district</option>
    </select>
    <br>
    <br>
    <label for="">Thana</label>
    <select name="thana" id="thana" class="thana">
        <option value="" selected="selected">select thana</option>
    </select>
    </div>
    <button type="submit" name="submit">submit</button>
</form>
</body>
```

Fig12: division.php

```php
<?php
include_once "../php/cardb_connect.php";
if(isset($_POST['division_id'])){
    $division_id=$_POST['division_id'];
    $sql=mysqli_query($connect,"select *
    from district where division_id='$division_id'order by district_name");
    ?>
    <select name="district" class="form-control">
        <option value="">select district</option>
        <?php
        while($row=mysqli_fetch_array($sql)){
            ?>
            <option value="<?php echo $row['ID'];?>"><?php echo $row['district_name'];?></option>
            <?php
        }
        ?>
    </select>
    <?php
}
if(isset($_POST['dis_division_id']) && isset($_POST['district_id']) ){
    $dis_division_id=$_POST['dis_division_id'];
    $district_id=$_POST['district_id'];
    $sql=mysqli_query($connect,"select * from thana where  district_id='$district_id' and
    division_id='$dis_division_id' order by thana_name");
    ?>
    <select name="thana" class="form-control">
        <option value="">select thana</option>
        <?php
        while($row=mysqli_fetch_array($sql)){
            ?>
            <option value="<?php echo $row['ID'];?>"><?php echo $row['thana_name'];?></option>
            <?php
```

Fig12.1: district_thana.php

Fig12.2: Output for division.php & district_thana.php

Fig12.3:userinfopage.php

12..Userinfopage.php,driver_hier.php,ride.php,reserved.php & ride_cancel.php: This feature enables the users to book the driver along with the car from the web itself. They can select a person as their driver after reading their information on the app.When user confirm any car for ride then driver get notification that his car was reserved for a ride.And driver can cancel the ride.When he cancel the ride user get notification that your ride has canceled and choose again the car for ride.

Fig13: userinfopage.php

Fig14: reserved.php

Fig15:ride.php

Fig16: ride_cancel.php

DRIVER INFORMATION
Username: Munira akter mou
Nidnumber: 1233456789999
Registrationnum: 2334567890909
Presentdivision: Rajshahi
Presentdistrict: Bogura
Presentthana: Gabtoli
Vehicletype: Default
Vehiclecolor: Default
Seat: s5

Cancel   Confirm

available

Fig13.1: userinfopage.php

DRIVER INFORMATION
Username: Munira akter mou
Nidnumber: 1233456789999
Registrationnum: 2334567890909
Presentdivision: Rajshahi
Presentdistrict: Bogura
Presentthana: Gabtoli
Vehicletype: Default
Vehiclecolor: Default
Seat: s5

Reserved

Edit   logout

DRIVER INFORMATION

Fig17: driverinfopage.php

Congratulation!
You-Hoo!!!! you have been hired. Click the reserved button sothat you can see the information of user

Reserved

Edit   logout

DRIVER INFORMATION

Fig18:pop.css

DRIVER INFORMATION
Username: Munira akter mou
You can contact with the driver using this mobile number!
Mobile No: 01717016355
reserved

Fig14.1: reserved.php

Ohh no !!! Your rider has canceled the ride,please go back to division page and select again

select ride again

Fig16.1: ride_cancel.php

USER INFORMATION
Username: mou
You can contact with the user using this mobile number!
Mobile No: 01724108299

cancel ride

Fig15.1:ride.php

❖ Development Tools and Technology:

Software Requirement		
Description	Type	My PC availability
Operating System	Microsoft Windows 10 (64-bit)	Available
Language	HTML, CSS, JavaScrip,php	Available
Server	Apache	Available
Database	Xampp	Available
IDE	Notepad++, Visual Studio Code	Available

❖ Sources Code: click here for Source code and README.md file

BD Car rental service