
INDIAN RAILWAY RESERVATION SYSTEM



PROJECT REPORT

PROBLEM STATEMENT

Design and develop database system database maintaining records of different trains, train status, and passengers Railway reservation system facilitates passengers to inquiry about train availability on basis of source and destination booking and cancellation of tickets inquiry about the status of the booked ticket

Our Team



Vaishnavi Salunkhe
Roll No: 2658



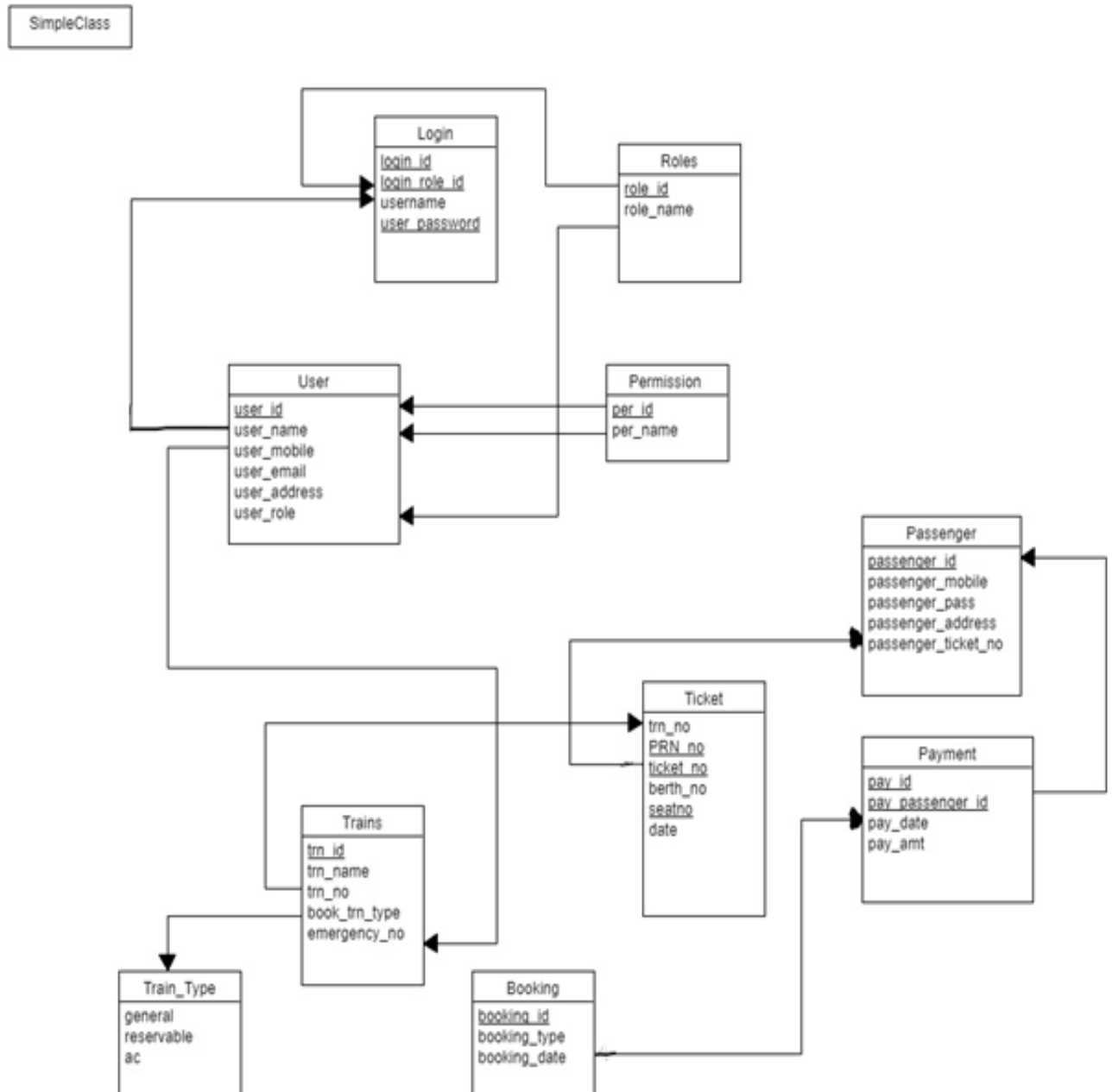
Sanskriti Dagade
Roll NO: 2620



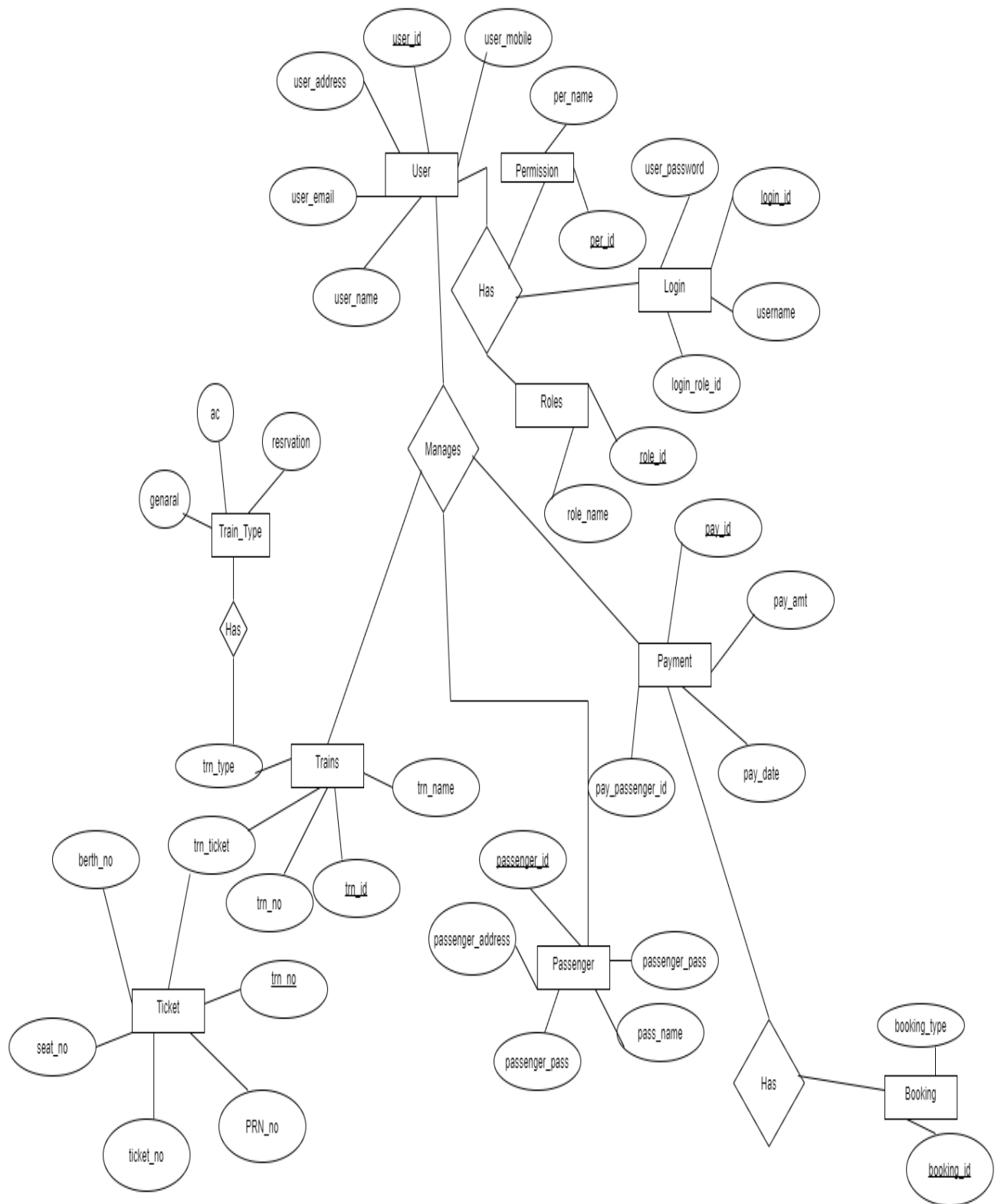
Siddhi Sonawane
Roll No: 2664

Backup from the previous project

1. Relational model



2. ER Diagram



3. Queries

Formulate at least 2 relational algebra expression for designed schema depicting 6 different operator expressions

Queries

Query 1:

Select from train where trn_no=23 also trn_ticket=12345

$\text{Sigma}_{(\text{trn_no}=23 \text{ AND } \text{trn_ticket}=12345)} \text{ trains}$

Query 2:

Select from User where user_id = 35

$\text{Sigma}_{(\text{user_id}=35)} \text{ User}$

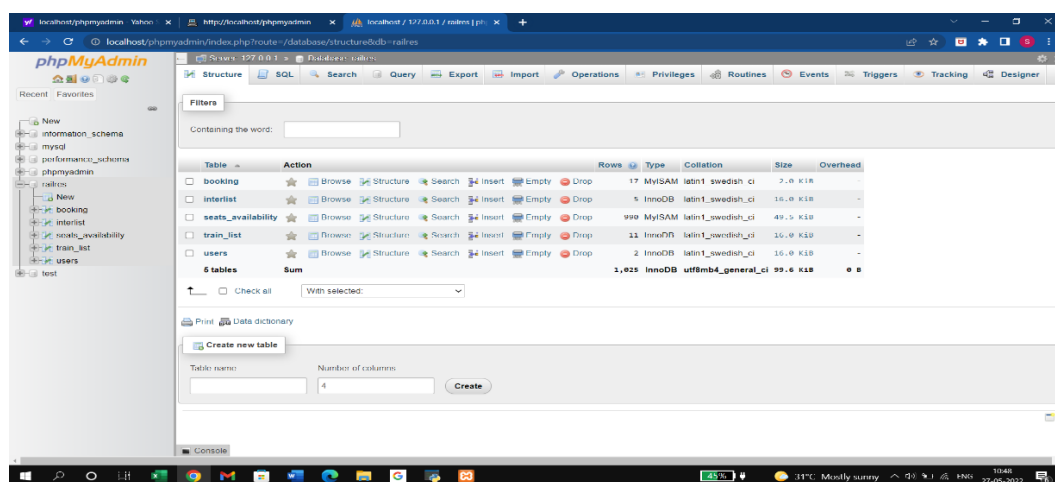
Query 3:

Select from Payment where payment amount > 500 and book_train type is AC.

$\text{Sigma}_{\text{book_train_type}=\text{"AC"}}(\text{Sigma}_{\text{pay_amt} > 500}(\text{Payment}))$

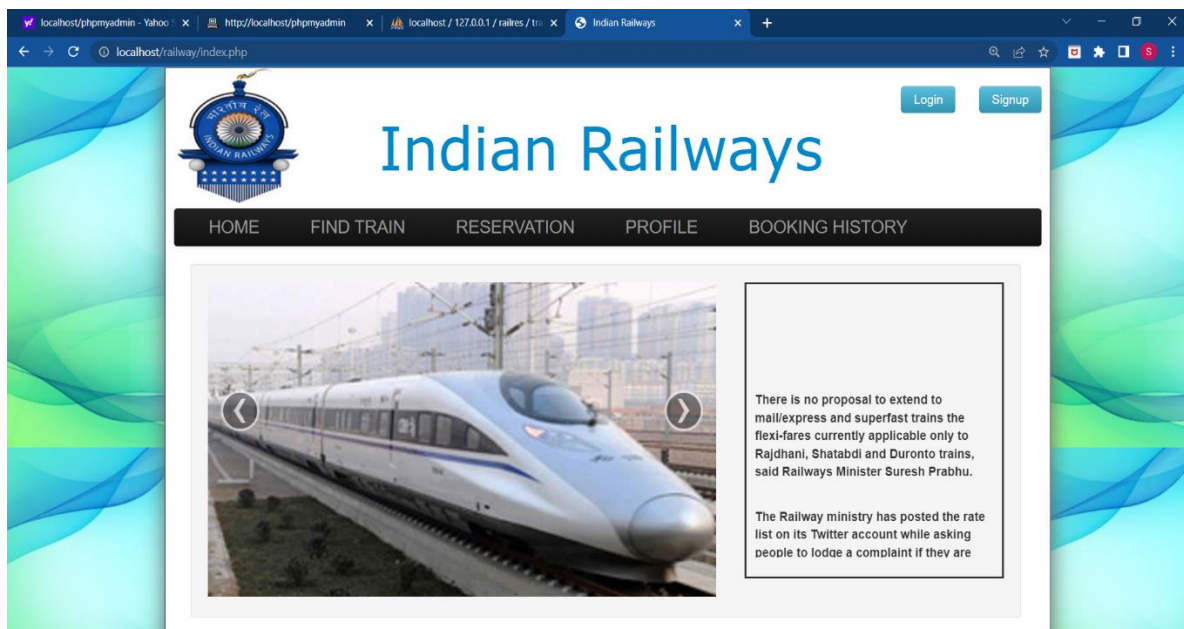
Project working and functionality :

1. Our project is about the Railways Reservation System, which Provides a passenger facility to log in, Reservation, Booking tickets, Find Train, profile, and booking history.
2. We are using the following languages for the project
HTML: Page layout and design
CSS: Design
JS: Frontend
PHP: Backend
Bootstrap
Java Script
Ajax
3. Home shows some information about the Railway reservation system.
4. We have created the tables in PHP myadmin and MySQL, with the help of that, we can create the application user-friendly.

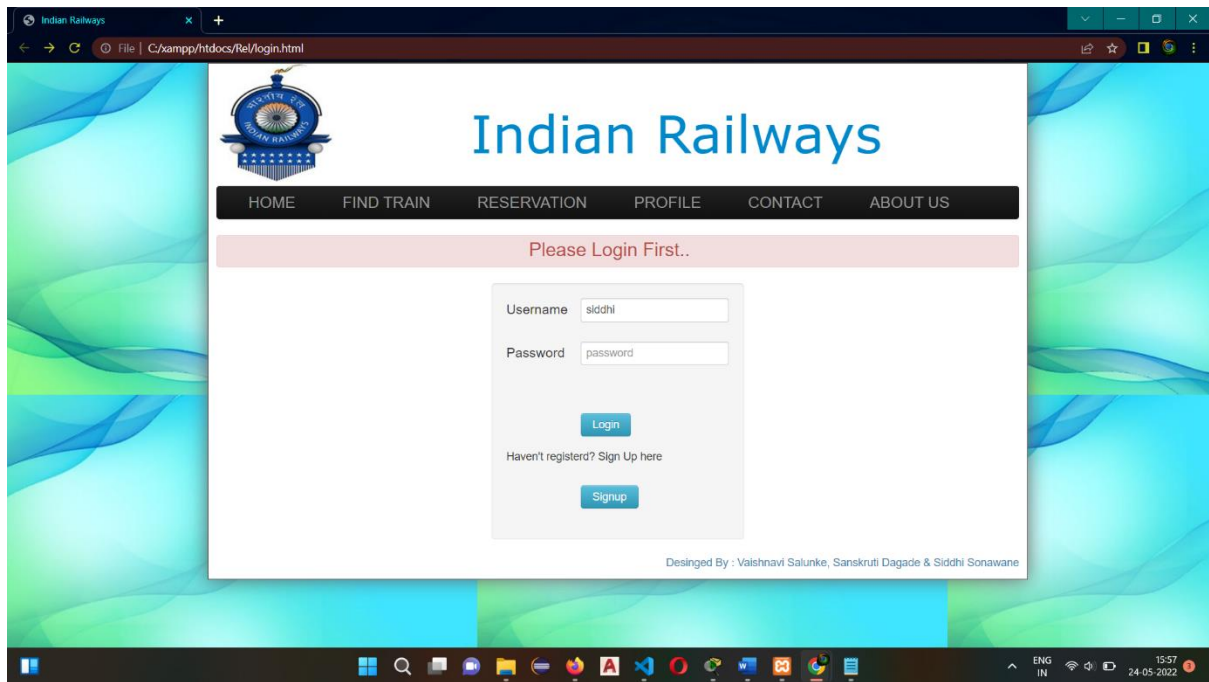


This is what the first page of the application looks like given below which subdivides into find train, reservation, profile, and booking history.

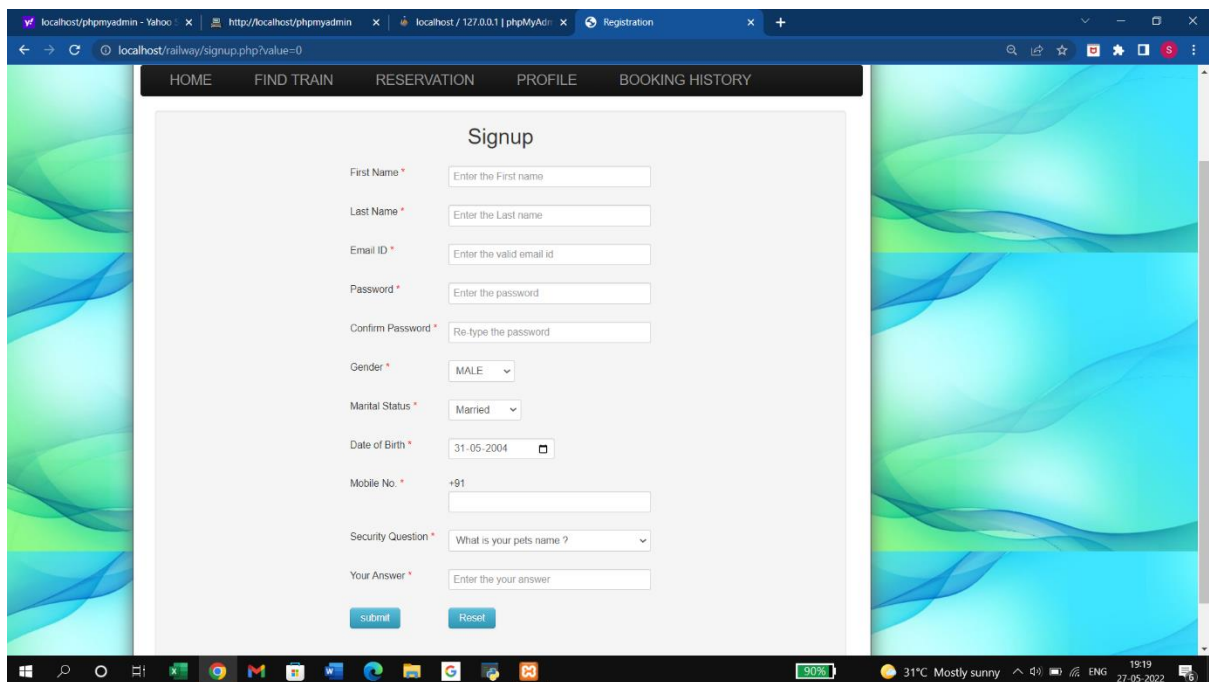
In the right corner, the login page is there, and through that, we are able to login in application.



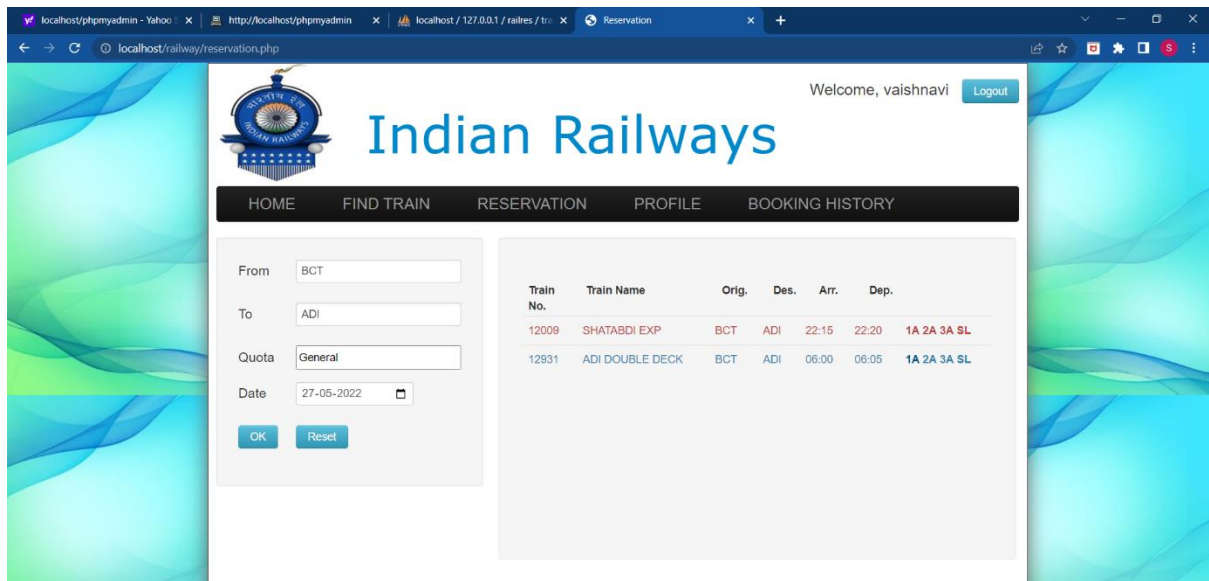
The login page has a username and password. For getting a username and password you need to register on the website first.



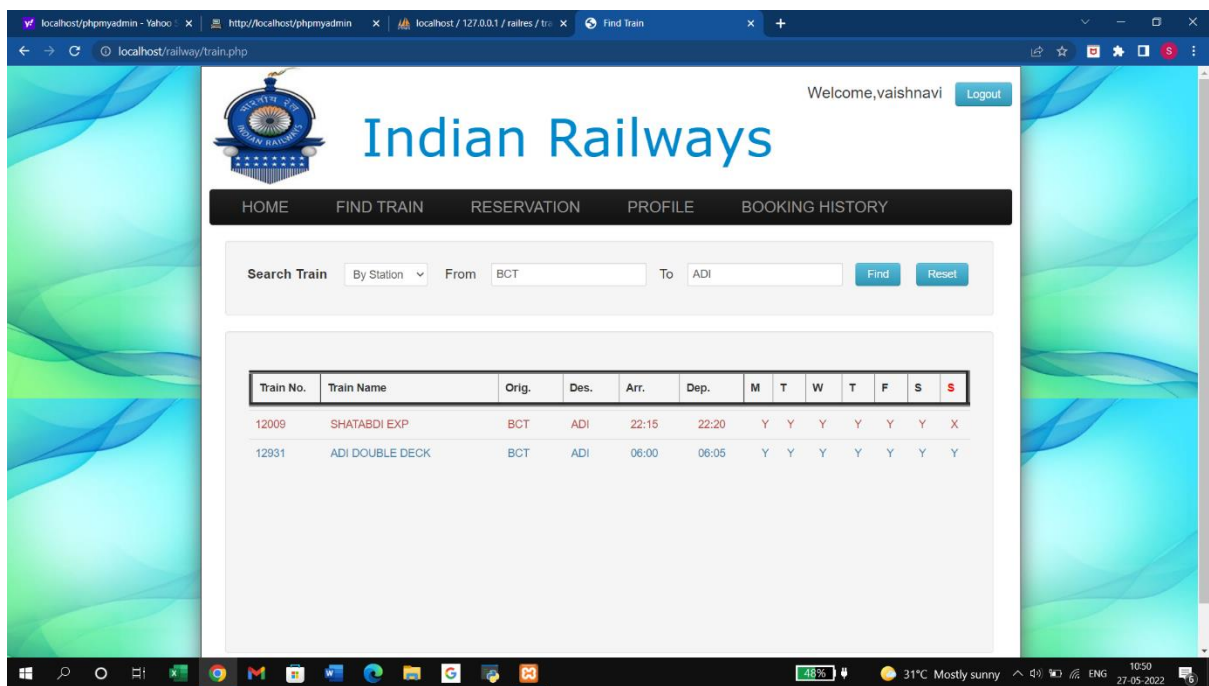
Registration: here you Can fill your detail for further process.



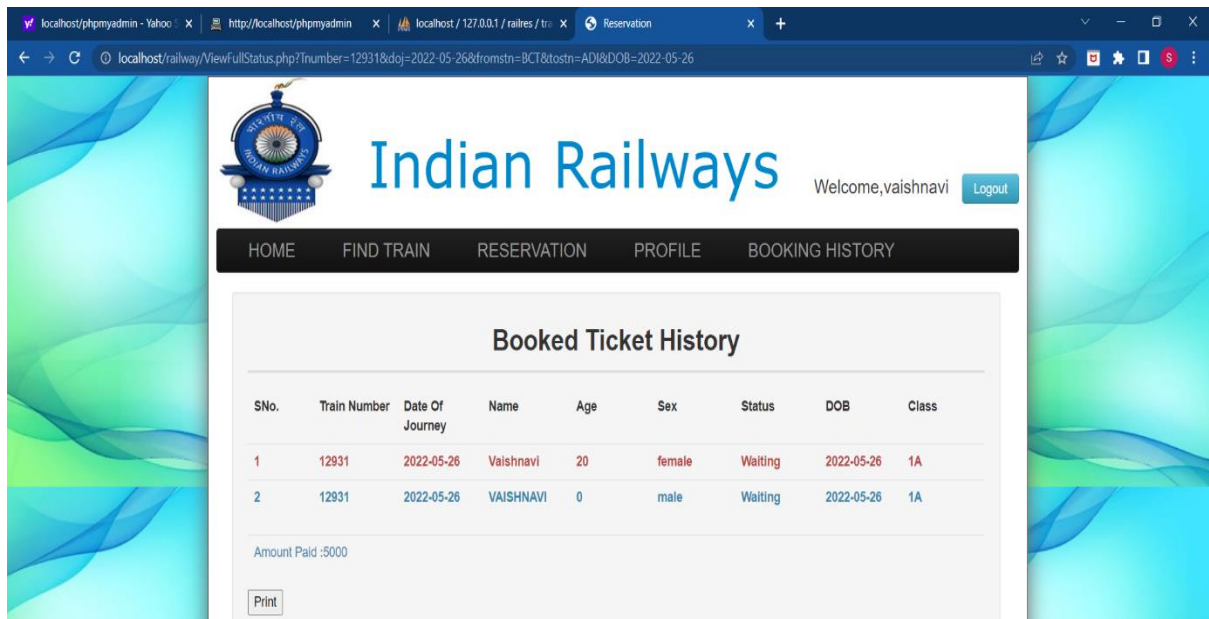
For users' convenience, there should be train details in which Train no, and train name are present. If you want details about the particular route then you can type route from to On the left side with date.



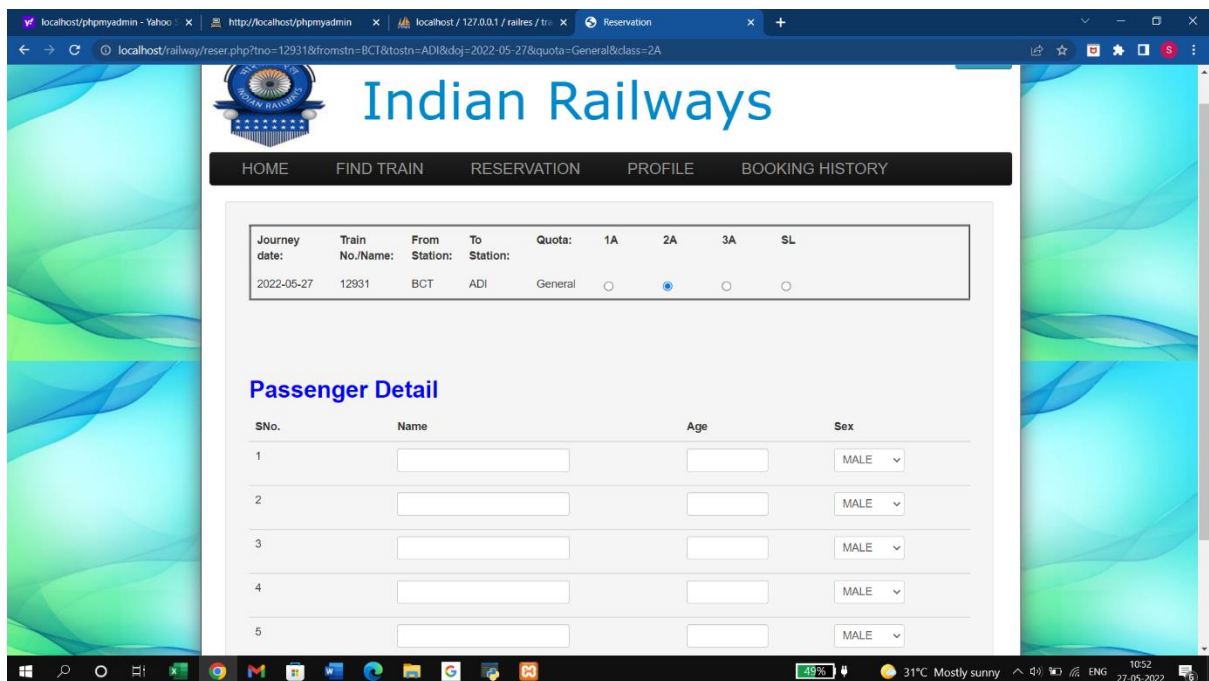
For reservation of the train, you just have to search for the train and Make it ok. Then its shows details like below.



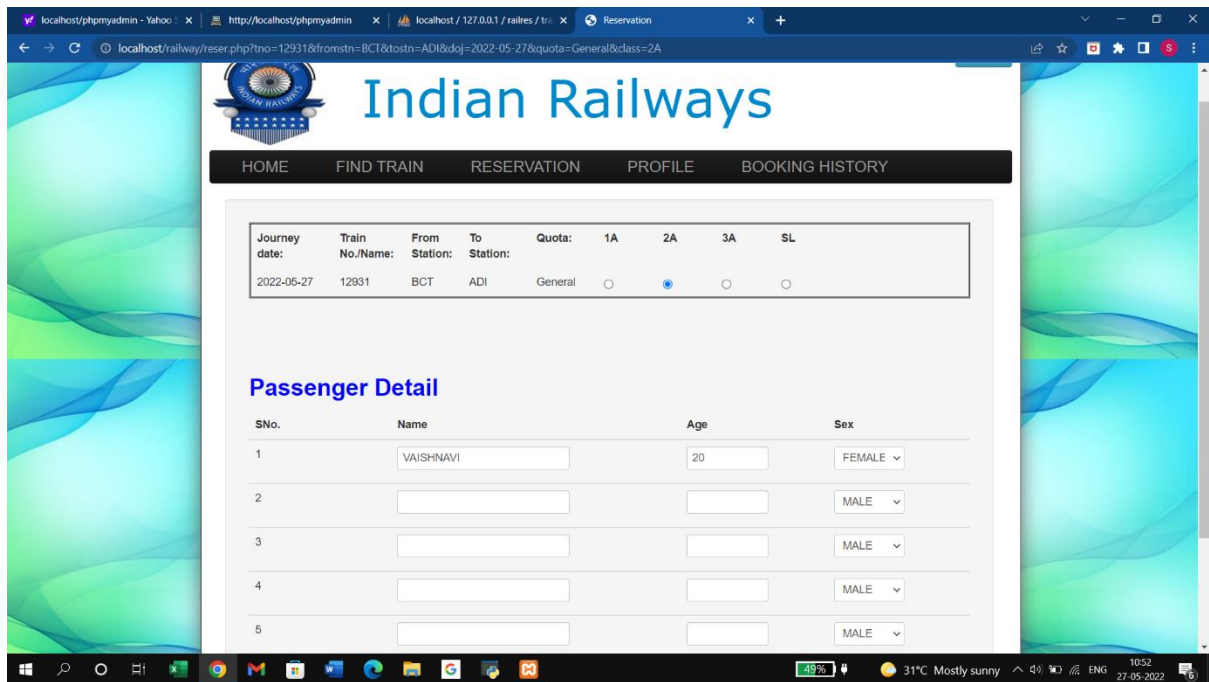
Booked ticket history is present with passenger and train details.



You can also able to see the profile of the registered people, as shown below



Passenger Detail filled in the form below



The Snippet code of the application is below:

1. LOGIN Page

```
<!DOCTYPE html>

<html>
<head>
  <title> Indian Railways </title>
  <link rel="shortcut icon" href="images/favicon.png"></link>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description" content="">
  <meta name="author" content="">
  <link href="css/bootstrap.min.css" rel="stylesheet" ></link>
  <link href="css/bootstrap.css" rel="stylesheet" ></link>
  <link href="css/Default.css" rel="stylesheet" > </link>
  <script type="text/javascript" src="js/jquery.js"></script>
  <script>
    $(document).ready(function()
    {
      //alert($(window).width());
      var x=(($(window).width()-1024)/2;
      //alert(x);
      $('.wrap').css("left",x+"px");
    });
```

```

</script>

<script type="text/javascript" src="js/bootstrap.min.js"></script>

<script type="text/javascript" src="js/bootstrap.js"></script>
<script type="text/javascript" src="js/man.js"></script>

</head>
<body>

<div class="wrap">
  <!-- Header -->
  <div class="header">
    <div style="float:left;width:150px;">
      
    </div>
    <div>
      <div id="heading">
        <a href="index.html">Indian Railways</a>
      </div>
    </div>
  </div>

  <!-- Navigation bar -->
  <div class="navbar navbar-inverse">
    <div class="navbar-inner">
      <div class="container" >
        <a class="brand" href="index.php" >HOME</a>
        <a class="brand" href="train.php" >FIND TRAIN</a>
        <a class="brand" href="reservation.php">RESERVATION</a>
        <a class="brand" href="profile.php">PROFILE</a>
        <a class="brand" href="contact.html">CONTACT</a>
        <a class="brand" href="about.html">ABOUT US</a>
      </div>
    </div>
  </div>

  <!-- Login and signup -->
  <div align="center">

    <?php
      if(isset($_SESSION['name']))
      {

      }
      else if($_SEESION['error']==15)

```



```

        </div>
    </div>

    <!-- Footer -->
    <footer >
        <div style="width:100%;">
            <div style="float:left;">

                </div>
                <div style="float:right;">
                    <p class="text-right text-
info">    Desinged By : Vaishnavi Salunke, Sanskruti Dagade & Siddhi Sonawane<
/p>
                </div>
            </div>
        </footer>

    </div>
</body>
</html>

```

2. Registration

```

3. <?php
4. session_start();
5. require('firstimport.php');
6. if(isset($_SESSION['name'])){}
7.     else{
8.         header("location:login1.php");
9.
10.    }
11. $tbl_name="users"; // Table name
12.
13. mysqli_select_db($conn,"$db_name")or die("cannot select DB");
14.
15. $fname=$_POST['fname'];
16. $lname=$_POST['lname'];
17. $pass=$_POST['psd'];
18. $mail=$_POST['eid'];
19. $gender=$_POST['gnd'];
20. $marital=$_POST['mrt'];
21. $dob=$_POST['dob'];
22. $mobile=$_POST['mobile'];
23. $ques=$_POST['ques'];
24. $ans=$_POST['ans'];
25.
26. $sql2="select * from $tbl_name";
27. $result2=mysqli_query($conn,$sql2);

```

```

28.$flag=0;
29.while($row=mysqli_fetch_array($result2)){
30.    if($row['email']==$mail){
31.        echo ""."matched";
32.        $flag=1;
33.        break;
34.    }
35.}
36.if($flag==1){
37.    echo("<SCRIPT LANGUAGE='JavaScript'>
38.    window.location.href='signup.php?value=1';
39.    </SCRIPT>");
40.    die("");
41.    //echo "oh yes";
42.    }
43.else{
44.    $sql="INSERT INTO $tbl_name(f_name,l_name,password,email,gender,marital,dob,mobile,ques,ans)
45.    VALUES ('$fname','$lname','$pass','$mail','$gender','$marital','$dob','$mobile','$ques','$ans')";
46.    $result=mysqli_query($conn,$sql);
47.
48.    $_SESSION['name']=$fname;
49.    header("location:index.php");
50.
51.}
52.//echo "f_name ".$f_name."... ".$l_name."... ".$email.".... ".$password
53.    .",,, ".$gender.",,,,$marital."..... ".$dob.".... ".$mobile.".....".$ques.",,,,$ans;
53.??>

```

3.Reservation

```

<?php
session_start();
if(isset($_SESSION['name'])){}
else{
    header("location:login1.php");
}

require('firstimport.php');
$tbl_name="interlist";
mysqli_select_db($conn,"$db_name") or die("cannot select db");
$tostn = '';
$fromstn = '';

```



```

$doj = '';
if(isset($_POST['from']) && isset($_POST['to']))
{
    $k=1;
    $tostn = $_POST['to'];
    $fromstn = $_POST['from'];
    $doj = $_POST['date'];
    $from=$_POST['from'];
    $to=$_POST['to'];
    $quota=$_POST['quota'];
    $from=strtoupper($from);
    $tostn=strtoupper($tostn);
    $fromstn=strtoupper($fromstn);
    $to=strtoupper($to);
    $day=date("D",strtotime("". $doj));
    //echo $day."<br>";

    $sql="SELECT * FROM $tbl_name WHERE (Ori='$from' or st1='$from' or st2='$f
rom' or st3='$from' or st4='$from' or st5='$from') and (st1='$to' or st2='$to'
or st3='$to' or st4='$to' or st5='$to' or Dest='$to') and ($day='Y')";
    $result=mysqli_query($conn,$sql);
}
else if((!isset($_POST['from'])) && (!isset($_POST['to'])))
{
    $k=0;
    $from="";
    $to="";
}
?>

<!DOCTYPE html>
<html>
<head>
    <title> Reservation </title>
    <link rel="shortcut icon" href="images/favicon.png"></link>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="css/bootstrap.min.css" rel="stylesheet"></link>
    <link href="css/Default.css" rel="stylesheet"></link>
    <script type="text/javascript" src="js/jquery.js"></script>
    <script>
        $(document).ready(function()
        {
            var x=(($(window).width()-1024)/2;
            $('.wrap').css("left",x+"px");
        });
    </script>

```

```
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<script type="text/javascript" src="js/bootstrap.js"></script>
<script type="text/javascript" src="js/man.js"></script>

</head>
<body>
    <div class="wrap">
        <!-- Header -->
        <div class="header">
            <div style="float:left;width:150px;">
                
            </div>
            <div>
                <div style="float:right; font-size:20px;margin-top:20px;">

                    <?php
                        if(isset($_SESSION['name']))
                        {
                            echo "Welcome, ".$_SESSION['name']."&nbsp;&nbsp;&nbsp;&nbsp;<a href=
\"logout.php\" class=\"btn btn-info\">Logout</a>";
                        }
                        else
                        {
                            $_SESSION['error']=15;
                            header("location:login1.php")
                        }
                    ?>

                    <a href="login.html" class="btn btn-
info">Login</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
                    <a href="signup.php" class="btn btn-info">Signup</a>
                <?php    } ?>

            </div>
            <div id="heading">
                <a href="index.php" >Indian Railways</a>
            </div>
            </div>
        </div>

        <!-- Navigation bar -->
        <div class="navbar navbar-inverse" >
            <div class="navbar-inner">
                <div class="container" >
                    <a class="brand" href="index.php" >HOME</a>
                    <a class="brand" href="train.php" >FIND TRAIN</a>
                    <a class="brand " href="reservation.php">RESERVATION</a>
                    <a class="brand" href="profile.php">PROFILE</a>
                    <a class="brand" href="booking.php">BOOKING HISTORY</a>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>

    <div class="row">
        <!-- find train with gouta-->
        <div class="span4 well">
            <form method="post" action="reservation.php">
                <table class="table">
                    <tr>
                        <th style="border-top:0px;"><label> From <label></th>
                        <td style="border-
top:0px;"><input type="text" class="input-block-
level" name="from" id="fr" ></td>
                    </tr>
                    <tr>
                        <th style="border-top:0px;"><label> To <label></th>
                        <td style="border-
top:0px;"><input type="text" class="input-block-
level" name="to" id="to1" ></td>
                    </tr>
                    <tr>
                        <th style="border-top:0px;" ><label > Quota <label></th>
                        <td style="border-top:0px;"><input list="q1" class="input-
block-
level" name="quota" id="q12" value="<?php if(isset($_POST['quota']))echo $_POS
T['quota'];?>">
                            <datalist id="q1" >
                                <option value="General">General</option>
                                <option value="Tatkal">Tatkal</option>
                                <option value="Ladies">Ladies</option>
                            </datalist>
                        </td>
                    </tr>
                    <tr>
                        <th style="border-top:0px;"><label> Date<label></th>
                        <td style="border-
top:0px;"><input type="date" class="input-block-level input-
medium" name="date" max="<?php echo date('Y-m-
d',time()+60*60*24*90);?>" min="<?php echo date('Y-m-
d')?>" value="<?php if(isset($_POST['date'])) {echo $_POST['date'];} else {echo
date('Y-m-d');}?>" ></td>
                    </tr>
                    <tr>
                        <td style="border-top:0px;"><input class="btn btn-
info" type="submit" value="OK"></td>
                        <td style="border-
top:0px;"><a href="reservation.php" class="btn btn-
info" type="reset" value="Reset">Reset</a></td>
                </table>
            </form>
        </div>
    </div>

```



```

        else if($from==$row['st5'])
        {
            $q=$row['st5arri']; }
        else if($from==$row['Ori'])
        {
            $q=$row['Oriarri']; }
        else if($from==$row['Dest'])
        {
            $q=$row['Destarri'];}

        $p1=substr($q,0,2);
        $p2=substr($q,3,2);
        $p2=$p2+5;
        if($p2<10)
        {$p2="0".$p2;}
        $d=$p1." ".$p2;
    if($n%2==0)
    {

        ?>
        <tr class="text-error">
            <td style="width:70px;"> <?php echo $row['Number']; ?> <
/td>

            <td style="width:250px;"> <?php echo $row['Name']; ?> </a>
</td>

            <td style="width:65px;"> <?php echo $row['Ori']; ?> </td>
            <td style="width:55px;"> <?php echo $row['Dest']; ?> </td>
            <td style="width:60px;"> <?php echo $q; ?> </td>
            <td style="width:65px;"> <?php echo $d; ?> </td>
            <td style="width:200px;">
                <a class="text-
error" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $from
stn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quo
ta;?>&class=<?php echo "1A";?>"><b>1A</b></a>
                <a class="text-
error" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $from
stn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quo
ta;?>&class=<?php echo "2A";?>"><b>2A</b></a>
                <a class="text-
error" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $from
stn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quo
ta;?>&class=<?php echo "3A";?>"><b>3A</b></a>
                <a class="text-
error" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $from
stn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quo
ta;?>&class=<?php echo "SL";?>"><b>SL</b></a>

            </td>
        </tr>
    <?php
    }

```

```

        else
        {
            ?>
            <tr class="text-info">
                <td style="width:70px;"> <?php echo $row['Number']; ?> </
td>

                <td style="width:210px;"><?php echo $row['Name']; ?> </a>

            </td>

                <td style="width:65px;"> <?php echo $row['Ori']; ?> </td>
                <td style="width:55px;"> <?php echo $row['Dest']; ?> </td
>

                <td style="width:60px;"> <?php echo $q; ?> </td>
                <td style="width:65px;"> <?php echo $d; ?> </td>
                <td style="width:200px;">
                    <a class="text-
info" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $froms
tn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quot
a;?>&class=<?php echo "1A";?>"><b>1A</b> </a>
                    <a class="text-
info" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $froms
tn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quot
a;?>&class=<?php echo "2A";?>"><b>2A</b></a>
                    <a class="text-
info" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $froms
tn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quot
a;?>&class=<?php echo "3A";?>"><b>3A</b></a>
                    <a class="text-
info" href="reser.php?tno=<?php echo$row['Number']?>&fromstn=<?php echo $froms
tn ?>&tostn=<?php echo $tostn ?>&doj=<?php echo $doj ?>&quota=<?php echo $quot
a;?>&class=<?php echo "SL";?>"><b>SL</b></a>
                </td>
            </tr>
            <?php
            }
            $n++;
        }
    }
    else
    {
        echo "<div class=\"alert alert-
error\" style=\"margin:100px 180px;\"> please search the train.. </div>";
    }

    mysqli_close($conn);
    ?>
</table>
</div>
</div>

```

```

        </div>

        <footer >
        <div style="width:100%;">
            <div style="float:left;">
            </div>
            <div style="float:right;">
            </div>
        </div>
        </footer>    </div>
</body>
</html>

```

4.Train detail

```

5. <?php
6. session_start();
7. require('firstimport.php');
8.
9. $tbl_name="interlist";
10.
11. mysqli_select_db($conn,"$db_name") or die("cannot select db");
12. $k=0;
13. if(isset($_POST['byname']) && ($_POST['bynum']==""))
14. {
15.     $name1=$_POST['byname'];
16.     $k=2;
17.     $name1=strtoupper($name1);
18.
19.     $tbl_name="train_list";
20.     $sql="SELECT * FROM $tbl_name WHERE Number='$name1' or Name='$name1'
    ";
21.     $result=mysqli_query($conn,$sql);
22. }
23. else if(isset($_POST['byname']) && isset($_POST['bynum']))
24. {
25.     $k=1;
26.     $from=$_POST['byname'];
27.     $to=$_POST['bynum'];
28.     $from=strtoupper($from);
29.     $to=strtoupper($to);
30.     $sql="SELECT * FROM $tbl_name WHERE (Ori='$from' or st1='$from' or st
    2='$from' or st3='$from' or st4='$from' or st5='$from') and (st1='$to' or
    st2='$to' or st3='$to' or st4='$to' or st5='$to' or Dest='$to')";
31.     $result=mysqli_query($conn,$sql);
32. }
33. else if((!isset($_POST['byname'])) && (!isset($_POST['bynum'])))
34. {

```



```

35.     $k=0;
36.     $from="";
37.     $to="";
38. }
39.
40. ?>
41. <!DOCTYPE html>
42. <html>
43. <head>
44.     <title> Find Train </title>
45.     <link rel="shortcut icon" href="images/favicon.png"></link>
46.     <meta charset="utf-8">
47.     <meta name="viewport" content="width=device-width, initial-
scale=1.0">
48.     <meta name="description" content="">
49.     <meta name="author" content="">
50.     <link href="css/bootstrap.min.css" rel="stylesheet">
51.     </link>
52.     <link href="css/Default.css" rel="stylesheet">
53.     </link>
54.     <script type="text/javascript" src="js/jquery.js"></script>
55.     <script>
56.         $(document).ready(function()
57.         {
58.             var x=(($(window).width()-1024)/2;
59.             $(''.wrap').css("left",x+"px");
60.         });
61.
62.     </script>
63.     <script type="text/javascript" src="js/bootstrap.min.js"></script>
64.
65.     <script type="text/javascript" src="js/bootstrap.js"></script>
66.     <script type="text/javascript" src="js/man.js"></script>
67.
68. </head>
69. <body>
70.     <div class="wrap">
71.         <!-- Header -->
72.         <div class="header">
73.             <div style="float:left;width:150px;">
74.                 
75.             </div>
76.             <div>
77.                 <div style="float:right; font-size:20px;margin-top:20px;">
78.                 <?php
79.                     if(isset($_SESSION['name']))
80.                     {

```

```

81.         echo "Welcome, ".$_SESSION['name']."&nbsp;&nbsp;&nbsp;<a href
      =\"logout.php\" class=\"btn btn-info\">Logout</a>";
82.     }
83.     ?>
84.
85. </div>
86. <div id="heading">
87.     <a href="index.php">Indian Railways</a>
88. </div>
89. </div>
90. </div>
91. <div class="navbar navbar-inverse" >
92.     <div class="navbar-inner">
93.         <div class="container" >
94.             <a class="brand" href="index.php" >HOME</a>
95.             <a class="brand" href="train.php" >FIND TRAIN</a>
96.             <a class="brand" href="reservation.php">RESERVATION</a>
97.             <a class="brand" href="profile.php">PROFILE</a>
98.             <a class="brand" href="booking.php">BOOKING HISTORY</a>
99.         </div>
100.    </div>
101. </div>
102.
103. <div class="span12 well" id="boxh">
104.
105.     <form style="margin:0px;" method="post" >
106.     <table class="table" style="margin-bottom:0px;">
107.         <tr>
108.             <th style="border-
      top:0px;"><label><b>Search Train</label></th>
109.             <td style="border-top:0px;">
110.                 <select id="myselect" onchange="clicker()">
111.                     <option value="plf">By Station</option>
112.                     <option value="name" >By Name</option>
113.                     <option value="num" >By Number</option>
114.                 </select>
115.             </td>
116.             <td id="mbox" style="border-
      top:0px;"> <label>From </label></td>
117.             <td style="border-
      top:0px;"><input type="text" class="input-block-
      level" name="byname" id="byn"></td>
118.             <td id="xbox" style="border-
      top:0px;"><label> To </label></td>
119.             <td style="border-
      top:0px;"><input id="xbox1" type="text" class="input-block-
      level" name="bynum" ></td>

```

```

120.         <td style="border-top:0px;"><input class="btn btn-
info" type="submit" value="Find"> </td>
121.         <td style="border-
top:0px;"><a href="train.php" class="btn btn-
info" type="reset" value="Reset">Reset</a></td>
122.     </tr>
123. </table>
124. </form>
125. </div>
126. <!-- display result -->
127.     <div class="span12 well">
128.         <div class="display" style="height:30px;">
129.             <table class="table" border="5px">
130.                 <tr>
131.                     <th style="width:70px;border-
top:0px;"> Train No.</th>
132.                     <th style="width:210px;border-
top:0px;"> Train Name </th>
133.                     <th style="width:65px;border-top:0px;"> Orig. </th>
134.                     <th style="width:55px;border-top:0px;"> Des. </th>
135.                     <th style="width:60px;border-top:0px;"> Arr. </th>
136.                     <th style="width:65px;border-top:0px;"> Dep. </th>
137.                     <th style="width:20px;border-top:0px;"> M </th>
138.                     <th style="width:25px;border-top:0px;"> T </th>
139.                     <th style="width:29px;border-top:0px;"> W </th>
140.                     <th style="width:25px;border-top:0px;"> T </th>
141.                     <th style="width:25px;border-top:0px;"> F </th>
142.                     <th style="width:25px;border-top:0px;"> S </th>
143.                     <th style="border-
top:0px;"><font color=red> S </font></th>
144.                 </tr>
145.             </table>
146.         </div>
147.         <div class="display" style="margin-top:0px;overflow:auto;">
148.             <table class="table" >
149.                 <?php
150.                 if($k==1)
151.                 {   echo "<script> document.getElementById(\"byn\").val
ue=\"\$from\";
152.                             document.getElementById(\"xbox1\
\").value=\"\$to\";
153.                             </script>";
154.                 $n=0;
155.                 while($row=mysqli_fetch_array($result)){
156.                     //$q="from: ".$from;
157.                     if($from==$row['st1'])
158.                     {   $q=$row['st1arri'];
159.                         //echo $q;

```

```

160.         }
161.         else
162.             if($from==$row['st2'])
163.                 { $q=$row['st2arri']; }
164.             else if($from==$row['st3'])
165.                 { $q=$row['st3arri']; }
166.             else if($from==$row['st4'])
167.                 { $q=$row['st4arri']; }
168.             else if($from==$row['st5'])
169.                 { $q=$row['st5arri']; }
170.             else if($from==$row['Ori'])
171.                 { $q=$row['Oriarri']; }
172.             else if($from==$row['Dest'])
173.                 { $q=$row['Destarri']; }
174.
175.             $p1=substr($q,0,2);
176.             $p2=substr($q,3,2);
177.             $p2=$p2+5;
178.             if($p2<10)
179.                 {$p2="0".$p2;}
180.             $d=$p1.":".$p2;
181.             if($n%2==0)
182.             {
183. ?>
184. <tr class="text-error">
185.     <td style="width:70px;"><?php echo $row['Number'];
186. ?> </td>
187.     <td style="width:210px;"> <?php echo $row['Name'];
188. ?> </td>
189.     <td style="width:65px;"> <?php echo $row['Ori']; ?>
190. </td>
191.     <td style="width:55px;"> <?php echo $row['Dest']; ?
192. > </td>
193.     <td style="width:60px;"> <?php echo $q; ?> </td>
194.     <td style="width:65px;"> <?php echo $d; ?> </td>
195.     <td style="width:20p;"><?php echo $row['Mon']; ?> <
196. /td>
197.     <td style="width:25px;"> <?php echo $row['Tue']; ?>
198. </td>
199.     <td style="width:29px;"> <?php echo $row['Wed']; ?>
200. </td>
201.     <td style="width:25px;"> <?php echo $row['Thu']; ?>
202. </td>
203.     <td style="width:25px;"> <?php echo $row['Fri']; ?>
204. </td>
205.     <td style="width:25px;"> <?php echo $row['Sat']; ?>
206. </td>
207.     <td> <?php echo $row['Sun']; ?> </td>

```

```

198.         </tr>
199.         <?php
200.             }
201.             else
202.             {
203.             ?>
204.         <tr class="text-info">
205.             <td style="width:80px;"> <?php echo $row['Number'];
206.             ?> </td>
207.             <td style="width:210px;"> <?php echo $row['Name'];
208.             ?> </td>
209.             <td style="width:65px;"> <?php echo $row['Ori']; ?>
210.             <td style="width:60px;"> <?php echo $row['Dest']; ?
211.             > </td>
212.             <td style="width:70px;"> <?php echo $q; ?> </td>
213.             <td style="width:55px;"> <?php echo $d; ?> </td>
214.             <td style="width:20p;"> <?php echo $row['Mon']; ?>
215.             </td>
216.             <td style="width:25px;"> <?php echo $row['Tue']; ?>
217.             </td>
218.             <td style="width:29px;"> <?php echo $row['Wed']; ?>
219.             </td>
220.             <td style="width:25px;"> <?php echo $row['Thu']; ?>
221.             </td>
222.             <td style="width:25px;"> <?php echo $row['Fri']; ?>
223.             </td>
224.             <td style="width:25px;"> <?php echo $row['Sat']; ?>
225.             </td>
226.             <td> <?php echo $row['Sun']; ?> </td>
227.         </tr>
228.         <?php
229.             }
230.             $n++;
231.             }
232.         }
233.         else if($k==2)
234.         {
235.             $n=0;
236.             while($row=mysqli_fetch_array($result)){
237.                 if($n%2==0)
238.                 {
239.                 ?>
240.             <tr class="text-error">
241.                 <td style="width:80px;"> <?php echo $row['Number'];
242.                 ?> </td>
243.                 <td style="width:210px;"> <?php echo $row['Name'];
244.                 ?> </td>

```

```

232.         <td style="width:65px;"> <?php echo $row['Origin'];
           ?> </td>
233.         <td style="width:60px;"> <?php echo $row['Destinati
           on']; ?> </td>
234.         <td style="width:70px;"> <?php echo $row['Arrival']
           ; ?> </td>
235.         <td style="width:55px;"> <?php echo $row['Departure
           ']; ?> </td>
236.         <td style="width:20p;"> <?php echo $row['Mon']; ?>
           </td>
237.         <td style="width:25px;"> <?php echo $row['Tue']; ?>
           </td>
238.         <td style="width:29px;"> <?php echo $row['Wed']; ?>
           </td>
239.         <td style="width:25px;"> <?php echo $row['Thu']; ?>
           </td>
240.         <td style="width:25px;"> <?php echo $row['Fri']; ?>
           </td>
241.         <td style="width:25px;"> <?php echo $row['Sat']; ?>
           </td>
242.         <td> <?php echo $row['Sun']; ?> </td>
243.     </tr>
244.     <?php
245.         }
246.         else
247.         {
248.             ?>
249.             <tr class="text-info">
250.                 <td style="width:80px;"> <?php echo $row['Number'];
                   ?> </td>
251.                 <td style="width:210px;"> <?php echo $row['Name'];
                   ?> </td>
252.                 <td style="width:65px;"> <?php echo $row['Origin'];
                   ?> </td>
253.                 <td style="width:60px;"> <?php echo $row['Destinati
                   on']; ?> </td>
254.                 <td style="width:70px;"> <?php echo $row['Arrival']
                   ; ?> </td>
255.                 <td style="width:55px;"> <?php echo $row['Departure
                   ']; ?> </td>
256.                 <td style="width:20p;"> <?php echo $row['Mon']; ?>
                   </td>
257.                 <td style="width:25px;"> <?php echo $row['Tue']; ?>
                   </td>
258.                 <td style="width:29px;"> <?php echo $row['Wed']; ?>
                   </td>
259.                 <td style="width:25px;"> <?php echo $row['Thu']; ?>
                   </td>

```

```

260.             <td style="width:25px;"> <?php echo $row['Fri']; ?>
            </td>
261.             <td style="width:25px;"> <?php echo $row['Sat']; ?>
            </td>
262.             <td> <?php echo $row['Sun']; ?> </td>
263.         </tr>
264.         <?php
265.             }
266.             $n++;
267.             }
268.         }
269.         else
270.         {
271.             echo "<div class=\"alert alert-
error\" style=\"margin:100px 350px;\"> please search the train.. </div>"
;
272.         }
273.         mysqli_close($conn);
274.     ?>
275. </table>
276. </div>
277. </div>
278.
279. <footer >
280. <div style="width:100%;">
281.     <div style="float:left;">
282.     <div style="float:right;">
283. </div>
284. </footer> </div>
285. </body>
286. </html>

```

5. Profile

```

<?php
session_start();
if(isset($_SESSION['name'])){}
else{
    header("location:login1.php");
}
$tbl_name="users"; // Table name
$name=$_SESSION['name'];

require('firstimport.php');

mysqli_select_db($conn,"$db_name") or die("cannot select db");

```



```
$result=mysqli_query($conn,"SELECT * FROM $tbl_name WHERE f_name='$name'");  
$row=mysqli_fetch_array($result);
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title> Profile </title>
```

```
    <link rel="shortcut icon" href="images/favicon.png"></link>
```

```
    <meta charset="utf-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <meta name="description" content="">
```

```
    <meta name="author" content="">
```

```
    <link href="css/bootstrap.min.css" rel="stylesheet">
```

```
    </link>
```

```
    <link href="css/Default.css" rel="stylesheet">
```

```
    </link>
```

```
    <script type="text/javascript" src="js/jquery.js"></script>
```

```
    <script>
```

```
        $(document).ready(function()
```

```
        {
```

```
            //alert($(window).width());
```

```
            var x=(($(window).width()-1024)/2;
```

```
            //alert(x);
```

```
            $(''.wrap').css("left",x+"px");
```

```
        });
```

```
    </script>
```

```
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
```

```
    <script type="text/javascript" src="js/bootstrap.js"></script>
```

```
    <script type="text/javascript" src="js/man.js"></script>
```

```
</head>
```

```
<body>
```

```
    <div class="wrap">
```

```
        <!-- Header -->
```

```
        <div class="header">
```

```
            <div style="float:left;width:150px;">
```

```
                
```

```
            </div>
```

```
            <div>
```

```
                <div style="float:right; font-size:20px;margin-top:20px;">
```

```
                <?php
```

```
                    if(isset($_SESSION['name']))
```

```
                    {
```

```

        echo "Welcome, ".$_SESSION['name']."&nbsp;&nbsp;&nbsp;<a href=\"logout.php\" class=\"btn btn-info\">Logout</a>";
    }
    else
    {
        $_SESSION['error']=15;
        //echo "fgfggy".$_SESSION['error'];
        header("location:login1.php");
    }
    ?>
</div>
<div id="heading">
    <a href="index.php">Indian Railways</a>
</div>
</div>
</div>
<!-- Navigation bar -->
<div class="navbar navbar-inverse" >
    <div class="navbar-inner">
        <div class="container" >
            <a class="brand" href="index.php" >HOME</a>
            <a class="brand" href="train.php" >FIND TRAIN</a>
            <a class="brand" href="reservation.php">RESERVATION</a>
            <a class="brand" href="profile.php">PROFILE</a>
            <a class="brand" href="booking.php">BOOKING HISTORY</a>
        </div>
    </div>
</div>

<div class="span12 well pass1">
    <table style="width:100%;">
    <tr>
        <td><span style="font-weight:bold;font-size:25px;">Profile</span>
        <a id="editp1" style="float:right;margin-right:5%;"class="btn btn-info"> Edit Profile</a></td>
    </tr>

    <tr>
        <td>
            <div class="span8" style="float:left;width:80%;">
                <table class="table">
                    <tr><td >First Name : </td> <td style="text-transform:capitalize;"><?php echo $row['f_name']; ?></td></tr>
                    <tr><td >Last Name : </td> <td style="text-transform:capitalize;"><?php echo $row['l_name']; ?></td></tr>
                    <tr><td>E-Mail : </td> <td><?php echo $row['email']; ?></td></tr>

```

```

        <tr><td>Dob : </td> <td><?php echo $row['dob']; ?></td></tr>
    </tr>
        <tr><td> Gender :</td> <td><?php echo $row['gender'];?></td></tr>
    </tr>
        <tr><td>Marital Status : </td> <td><?php echo $row['marital']; ?></td></tr>
    </tr>
        <tr><td>Mobile No : </td> <td><?php echo $row['mobile'];?></td></tr>
    </tr>
        <tr><td>Security Question : </td> <td><?php echo $row['question']; ?></td></tr>
    </tr>
        <tr><td>Answer : </td> <td><?php echo $row['answer']; ?></td></tr>
    </tr>
        <tr><td></td> <td></td></tr>
    </tr>
</table>
</div>
</td>
</tr>

<tr>
<td>
<span style="width:35%;"><a id="cpass">Change Password</a></span>
<span class="label label-success" id="chang" style="float:right;display:none;">Password Successfully Changed &nbsp;&nbsp;&nbsp;<span> <!-- display:none; color:#0000ff;-->
</td>
</tr>
</table>
</div>

<div class="span12 pass2 " style="display:none;">
<div class="span4 well">
<h2>Change Password</h2>
<br/>
<br/>
<form action="changepass.php" method="get" onsubmit="return fgeth()">
<label>New Password</label><input id="p1" name ="new1" type="password" class="input-large" onkeyup="return check123()"><span id="ps" ></span></td><br><br> <!-- onkeyup=="check()" -->
<label>Repeat Password</label><input id="p2" name="pass" class="input-large" type="password" onkeyup="checkk()">
<br /><span id="match" style="color:#ff0000;visibility:hidden;">&nbsp;&nbsp;&nbsp;Password Don't Match</span><br><br>
<input id="sub" type="submit" disabled="disabled" class="btn btn-info" value="Change Password">
</form>

```

```

    </div>
    </div>

    <div class="span12 pass3 " style="display:none;">
    <div class="span8 well">
        <table style="width:100%;">
            <tr>
                <td><span style="font-weight:bold;font-size:25px;">Profile</span>

            <tr/>

            <tr>
                <td>
                    <form action="editprofile.php" method="post" enctype="multipart/form-data">
                        <div class="span6" style="float:left;width:80%;">
                            <table class="table">

                                <tr><td>First Name </td> <td style="text-transform:capitalize; onblur="return name1()"><?php echo $name;?></td></tr>
                                <tr><td> Last name </td> <td><input name="ln" type="text" value="<?php echo $row['l_name'];?>"></td></tr>
                                <tr><td>E-Mail </td> <td><input name="mail1" type="mail" value="<?php echo $row['email'];?>"></td></tr>
                                <tr><td>Dob </td> <td><input name="dob1" type="text" value="<?php echo $row['dob'];?>"></td></tr>
                                <tr><td>Gender </td> <td><input name="gnd1" type="text" value="<?php echo $row['gender'];?>"></td></tr>
                                <tr><td>Marital Status </td> <td><input name="mrt1" type="text" value="<?php echo $row['marital'];?>"></td></tr>
                                <tr><td>Mobile No. </td> <td><input name="mon1" type="text" value="<?php echo $row['mobile'];?>"></td></tr>
                                <tr><td>Security Question </td> <td><input name="que1" type="text" value="<?php echo $row['ques'];?>"></td></tr>
                                <tr><td>Answer </td> <td><input name="ans1" type="text" value="<?php echo $row['ans'];?>"></td></tr>
                                <tr><td></td> <td><input type="submit" value="Save Profile" class="btn btn-info"></td></tr>

                            </table>
                        </div>
                    </form>
                </td>
            </tr>

```

```

        </table>
    </div>
</div>

<footer >
    <div style="width:100%;">
        <div style="float:left;">
        </div>
        <div style="float:right;">
            <p class="text-right text-
info">    Desinged By : projectworlds</p>
        </div>
    </div>
</footer>

</div>

<?php mysqli_close($conn); ?>

<script type="text/javascript">
$(document).ready(function(){
    $("#cpass").click(function(){
        $(".pass1").fadeOut(1000,"linear",function(){$(".pass2").fadeIn(1000);});
    });
});

$(document).ready(function(){
    $("#editp1").click(function(){
        $(".pass1").fadeOut(1000,"linear",function(){$(".pass3").fadeIn(1000);});
    });
});

$(document).ready(function(){
    $("#editp2").click(function(){
        $(".pass3").fadeOut(1000,"linear",function(){$(".pass1").fadeIn(1000);});
    });
});

function checkk(){
var p1=document.getElementById("p1").value;
var p2=document.getElementById("p2").value;
//alert(" p1 : "+p1+"  p2 : "+p2);

```

```

    if(p1 == p2)
    {document.getElementById("match").style.visibility="hidden";
      document.getElementById("sub").disabled=false;
    }else
    {
      document.getElementById("match").style.visibility="";
      document.getElementById("sub").disabled=true;
    }
  }

function check123()
{
  var c=document.getElementById("p1").value;
  //alert(c.length);
  if(c.length < 8 )
  {
    document.getElementById("ps").innerHTML="<br/><font color=red>pass
word must be atleast 8 - 32 char long</font>";
    return false;
  }
  else
  {
    document.getElementById("ps").innerHTML="";
    return true;
  }
}
</script>
<?php

if(isset($_SESSION['error']))
{
  if($_SESSION['error']==6)
  {echo "<script>document.getElementById(\"chang\").style.display=\"\";</script>";
  }
  //unset($_SESSION['error']);
}
?>

</body>

</html>

```

Conclusion

The railway reservation system facilitates the passengers to enquiry about the trains available on the basis of sources and destination, Booking and cancellation of tickets, enquiry about the status of the booked ticket, etc.

A reservation system saves time and cuts costs. Many of the time we need to wait for hours until your team confirms their reservation. But it makes us easy.

References:

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- <https://www.geeksforgeeks.org/php-mysql-database-introduction/amp/>
- https://www.w3schools.com/php/func_mysqli_connect.asp
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