

IWP - Lab - 11

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1) Home.html

```
<html>
  <head>
    <title>Welcome to IRCTC</title>
  </head>
  <body>
    <h1>Welcome to VRCTC Online Portal for Ticket Booking</h1>
    <form action="p1.php" method="GET">
      <input type="submit" value="Book Tickets">
    </form>
  </body>
</html>
```

2) p1.php

```
<?php
  session_start();
?>
<html>
  <head>
    <title>Journey Details</title>
  </head>
  <body>
    <h1>Journey Details</h1>
    <form action="<?php $_SERVER['PHP_SELF'] ?>" method="POST">
      <table>
        <tr>
          <td>From Station</td>
          <td><input type="text" name="fromstn" id="fromstn"></td>
        </tr>
        <tr>
          <td>To Station</td>
          <td><input type="text" name="tostn" id="tostn"></td>
        </tr>
        <tr>
          <td>Date</td>
          <td><input type="date" name="datej" id="datej"></td>
        </tr>
        <tr>
```

```

        <td></td>
        <td><input type="submit" value="Submit"></td>
    </tr>
</table>
</form>
</body>
</html>
<?php
    if($_SERVER["REQUEST_METHOD"] == "POST")
    {
        $_SESSION["fromstn"] = $_POST["fromstn"];
        $_SESSION["tostn"] = $_POST["tostn"];
        $_SESSION["datej"] = $_POST["datej"];
        $_SESSION["weekday"] = date("N", $_SESSION["datej"]);
        // 1 (for Monday) through 7 (for Sunday).
        header("location:p2.php");
    }
?>

```

3) p2.php

```

<?php
    session_start();
    $conn = new mysqli("localhost", "root", "", "iwp");
    if($conn->connect_error)
    {
        die("Database Connection failed" . $conn->connect_error);
    }
    echo "<script>console.log('Database connection established successfully.');

```

```

        <tr>
            <th>Select</th>
            <th>Train Number</th>
            <th>Train Name</th>
        </tr>
        <?php echo $printval; ?>
    </table>
    <table>
        <tr>
            <td></td>
            <td><input type="submit" value="Next"></td>
        </tr>
    </table>
</form>
</body>
</html>

<?php
if($_SERVER['REQUEST_METHOD'] == 'POST')
{
    $tno = intval($_POST['train']);
    $_SESSION['trainno'] = $tno;
    $sql = "SELECT trainname FROM train WHERE (trainno = $tno)";
    $request = $conn->query($sql);
    $_SESSION['trainname'] = mysqli_fetch_array($request)['trainname'];
    header("location:p3.php");
}
?>

```

4) p3.php

```

<?php
session_start();
$conn = new mysqli("localhost", "root", "", "iwp");
if($conn->connect_error)
{
    die("Database Connection failed" . $conn->connect_error);
}
echo "<script>console.log('Database connection established successfully.');

```

```

<title>Class Selection</title>
</head>
<body>
<h1>Class Selection</h1>
<h2><?php echo ($_SESSION['trainno'] . " - " . $_SESSION['trainname']); ?></h2>
<form action="<?php $_SERVER['PHP_SELF'] ?>" method="post">
    <table>
        <tr>
            <th>Select</th>
            <th>Class Type</th>
            <th>Avalible Seats</th>
            <th>Ticket Price</th>
        </tr>
        <?php echo $printval; ?>
    </table>
    <table>
        <tr>
            <td>Enter the number of tickets needed : </td>
            <td><input type="number" name="numtickets" id="numtickets"></td>
        </tr>
        <tr>
            <td></td>
            <td><input type="submit" value="Next"></td>
        </tr>
    </table>
</form>
</body>
</html>

<?php
if($_SERVER['REQUEST_METHOD'] == 'POST')
{
    $numt = intval($_POST['numtickets']);
    $ctype = $_POST['class'];
    $tno = $_SESSION['trainno'];
    $sql = "SELECT price, available FROM coach WHERE (classname='$ctype' AND
trainno=$tno);";
    $request = $conn->query($sql);
    if(!empty($request))
    {
        $arr = mysqli_fetch_array($request);
        $avno = intval($arr['available']) - $numt;
        $ticost = intval($arr['price']);
        if($avno >= 0)
        {
            $sql = "UPDATE coach SET available=$avno WHERE(classname='$ctype' AND
trainno=$tno);";
            $result = $conn->query($sql);
            $_SESSION['numtickets'] = $numt;
            $_SESSION['classtype'] = $ctype;
            $_SESSION['price'] = $ticost;
            header("location:p4.php");
        }
        else
        {
            echo "Enough tickets are currently unavalible in the class selected.";
        }
    }
}
?>

```

5) p4.php

```
<?php
session_start();
$pno = $_SESSION['numtickets'];
$printval = "";
for($i=0;$i<$pno;$i++)
{
    $printval .= "<tr>
        <td>" . $i . "</td>
        <td> <input type='text' name='name" . $i . "'> </td>
        <td> <input type='number' name='age" . $i . "'> </td>
        <td>
            <select name='gender" . $i . "' id='gender" . $i . "'>
                <option value='male'>Male</option>
                <option value='female'>Female</option>
            </select>
        </td>
        <td>
            <select name='nationality" . $i . "' id='nationality" . $i . "'>
                <option value='indian'>Indian</option>
                <option value='others'>Others</option>
            </select>
        </td>
        <td>
            <select name='idtype" . $i . "' id='idtype" . $i . "'>
                <option value='aadhaar card'>Aadhaar Card</option>
                <option value='pan card'>Pan Card</option>
                <option value='drivers license'>Drivers License</option>
                <option value='ration card'>Ration Card</option>
                <option value='student id card'>Student Id Card</option>
            </select>
        </td>
        <td> <input type='text' name='idno" . $i . "'> </td>
    </tr>";
}
?>

<html>
<head>
    <title>Passenger Details</title>
</head>
<body>
    <h1>Enter Passenger Details</h1>
    <form action="<?php $_SERVER['PHP_SELF'] ?>" method="post">
        <table>
            <tr>
                <th>Sno.</th>
                <th>Name</th>
                <th>Age</th>
                <th>Gender</th>
                <th>Nationality</th>
                <th>ID type</th>
                <th>ID Card Number</th>
            </tr>
            <?php echo $printval; ?>
        </table>
        <table>
            <tr>
```

```

                <td></td>
                <td><input type="submit" value="Next"></td>
            </tr>
        </table>
    </form>
</body>
</html>

<?php
    if($_SERVER['REQUEST_METHOD'] == 'POST')
    {
        $_SESSION['passengerdetails'] = $_POST;
        header("location:p5.php");
    }
?>

```

6) p5.php

```

<?php
    session_start();
    $cookie_name = "pnr";
    if(!isset($_COOKIE[$cookie_name]))
    {
        $pnr = 0;
        setcookie($cookie_name, serialize($pnr));
    }
    else
    {
        $pnr = unserialize($_COOKIE[$cookie_name], ["allowed_classes" => false]);
        $pnr += 1;
        setcookie($cookie_name, serialize($pnr));
    }

    $printval = "";
    $pno = $_SESSION['numtickets'];
    $details = $_SESSION['passengerdetails'];
    for($i=0;$i<$pno;$i++)
    {
        $printval .= " <tr>
            <td>" . ($i+1) . "</td>
            <td>" . $details['name' . $i] . "</td>
            <td>" . $details['age' . $i] . "</td>
            <td>" . $details['gender' . $i] . "</td>
            <td>" . $details['nationality' . $i] . "</td>
            <td>" . $details['idtype' . $i] . "</td>
            <td>" . $details['idno' . $i] . "</td>
            <td> CNF </td>
        </tr>";
    }
?>

<html>
<head>
    <title>View Ticket</title>
</head>
<body>
    <h1>Ticket</h1>

```

```

<h2>Ticket Details</h2>
<table>
  <tr>
    <th>Train No : </th>
    <td><?php echo $_SESSION['trainno']; ?></td>
  </tr>
  <tr>
    <th>Train Name : </th>
    <td><?php echo $_SESSION['trainname']; ?></td>
  </tr>
  <tr>
    <th>PNR No : </th>
    <td><?php echo $pnr; ?></td>
  </tr>
  <tr>
    <th>Date of Booking : </th>
    <td><?php echo date("Y-m-d"); ?></td>
  </tr>
  <tr>
    <th>Date of Journey : </th>
    <td><?php echo $_SESSION['datej']; ?></td>
  </tr>
  <tr>
    <th>Day of Journey : </th>
    <td>
      <?php
        $d = $_SESSION['weekday'];
        switch($d)
        {
          case 1 :
            echo "Monday";
            break;
          case 2 :
            echo "Tuesday";
            break;
          case 3 :
            echo "Wednesday";
            break;
          case 4 :
            echo "Thursday";
            break;
          case 5 :
            echo "Friday";
            break;
          case 6 :
            echo "Saturday";
            break;
          case 7 :
            echo "Sunday";
            break;
        }
      ?>
    </td>
  </tr>
  <tr>
    <th>From : </th>
    <td><?php echo $_SESSION['fromstn']; ?></td>
  </tr>
  <tr>
    <th>To : </th>

```

```

        <td><?php echo $_SESSION['tostn']; ?></td>
    </tr>
    <tr>
        <th>Number of Passengers : </th>
        <td><?php echo $_SESSION['numtickets'] ?></td>
    </tr>
    <tr>
        <th>Class : </th>
        <td><?php echo $_SESSION['classtype'] ?></td>
    </tr>
    <tr>
        <th>Total Fare : </th>
        <td>
            <?php
                $fare = intval($_SESSION['price']);
                $numticket = intval($_SESSION['numtickets']);
                $totcost = $fare * $numticket;
                $_SESSION['totcost'] = $totcost;
                echo $totcost;
            ?>
        </td>
    </tr>
</table>
<h2>Passenger Details</h2>
<table>
    <tr>
        <th>Slno.</th>
        <th>Name</th>
        <th>Age</th>
        <th>Gender</th>
        <th>Nationality</th>
        <th>ID type</th>
        <th>ID Card Number</th>
        <th>Ticket Status</th>
    </tr>
    <?php echo $printval; ?>
</table>
<form action="<?php $_SERVER['PHP_SELF'] ?>" method="post">
    <input type="submit" value="Exit">
</form>
</body>
</html>

<?php
    if($_SERVER['REQUEST_METHOD'] == 'POST')
    {
        session_unset();
        session_destroy();
        header("location:home.html");
    }
?>

```


7) Output

Welcome to VRCTC Online Portal for Ticket Booking

Book Tickets

Journey Details

From Station	<input type="text" value="Chennai"/>
To Station	<input type="text" value="Madurai"/>
Date	<input type="text" value="25 / 03 / 2020"/>
<input type="button" value="Submit"/>	

Train Selection

Select	Train Number	Train Name
<input type="radio"/>	12635	Vaigai
<input type="button" value="Next"/>		

Class Selection

12635 - Vaigai

Select Class Type Available Seats Ticket Price

- | | | | |
|----------------------------------|-----|------|-----|
| <input checked="" type="radio"/> | 3a | 98 | 700 |
| <input type="radio"/> | gen | 289 | 100 |
| <input type="radio"/> | 2s | 1000 | 250 |

Enter the number of tickets needed : 2

Next

Enter Passenger Details

Sno.	Name	Age	Gender	Nationality	ID type	ID Card Number
0	sumit	22	Male	Indian	Aadhaar Card	233344123312
1	harsha	33	Male	Indian	Pan Card	SDFGP2345R

Next

Ticket

Ticket Details

Train No : 12635
Train Name : Vaigai
PNR No : 14
Date of Booking : 2020-03-21
Date of Journey : 2020-03-25
Day of Journey : Thursday
From : Chennai
To : Madurai
Number of Passengers : 2
Class : 3a
Total Fare : 1400

Passenger Details

Sno.	Name	Age	Gender	Nationality	ID type	ID Card Number	Ticket Status
1	sumit	22	male	indian	aadhaar card	233344123312	CNF
2	harsha	33	male	indian	pan card	SDFGP2345R	CNF

Exit

8) Database details

A) Train :

<div><div><div></div><div></div><div></div></div></div>				trainno	trainname	from_station	to_station
<input type="checkbox"/>		Edit	 Copy  Delete	12345	City Mail	Chennai	Bangalore
<input type="checkbox"/>		Edit	 Copy  Delete	12635	Vaigai	Chennai	Madurai
<input type="checkbox"/>		Edit	 Copy  Delete	12636	Pandian	Madurai	Chennai
<input type="checkbox"/>		Edit	 Copy  Delete	16235	Tutricon	Madurai	Bangalore
<input type="checkbox"/>		Edit	 Copy  Delete	16236	Mysore Express	Bangalore	Tutricon

B) Coach :

trainno	classname	available	price
12635	3a	96	700
12635	gen	289	100
12635	2s	1000	250

9) Folder Organisation

