

Create a ticket booking and traveling system-based project.

Program Title: Create a tickets booking and traveling system based project.

DATABASE SCHEMA:

- Bus (BUS_NO NOT NULL INTEGER2(5), SOURCE VARCHAR (20), DESTINATION VARCHAR(20), COUCH_TYPE VARCHAR(10), FAIR NUMBER)
- Reservation (PNR_NO NUMBER(9), NO_OF_SEATS NUMBER(8), ADDRESS VARCHAR(50), CONTACT_NO NUMBER(10), STATUS CHAR(3))
- Ticket (TICKET_NO NOT NULL NUMBER(9), AGE NUMBER(4), SEX NOT NULL CHAR(4), SOURCE VARCHAR(2), DESTINATION VARCHAR(20), DEP_TIME VARCHAR2(4), JOURNEY_DATE DATE)
- Passenger (TICKET_NO NOT NULL NUMBER(9), NAME VARCHAR(40), AGE NUMBER(4), SEX NOT NULL CHAR(4), CONTACT_NO NUMBER(10))
- Cancellation (PNR_NO NUMBER (9), NO_OF_SEATS NUMBER(8), ADDRESS VARCHAR(50), CONTACT_NO NUMBER(10), STATUS CHAR(3))

Now create a project with required data and relationship set to avail the followings:

- ✓ Each passenger can purchase, book and cancel their reservation in time.
- ✓ Each person can see his purchase details with total incurred amount.
- ✓ List of passengers traveling on a particular date
- ✓ List of passengers cancelled their reservation.

OBJECTIVE:

"Roadway Travels" is in business with several buses connecting different places country. Its main office is located in capital. The company wants to computerize its operations in the following areas:

Reservations, Ticketing, and Cancellations.

Reservations: Reservations are directly handled by booking office; reservations can be made 7 days in advance in either cash or credit. In case the ticket is not available, a wait listed ticket is issued to the customer. This ticket is confirmed against the cancellation.

Cancellation and modification:

Cancellations are also directly handed at the booking office. Cancellation charges will be charged for 20% of the total. Wait listed tickets that do not get confirmed are fully refunded.

Bus Table Creating with given attribute**SQL:**

```
CREATE TABLE `lab-4`.`bus` ( `BUS_NO` INT NOT NULL , `SOURCE` VARCHAR(20) NOT NULL ,
`DESTINATION` VARCHAR(20) NOT NULL , `COUCH_TYPE` VARCHAR(20) NOT NULL , `FAIR NUMBER` INT
NOT NULL ) ENGINE = InnoDB;
ALTER TABLE `bus` ADD PRIMARY KEY(`BUS_NO`);
ALTER TABLE `bus` ADD UNIQUE(`BUS_NO`);
```

Reservation Table Creating with given attribute**SQL:**

```
CREATE TABLE `lab-4`.`reservation` ( `PNR_NO` INT NOT NULL , `NO_OF_SEATS` INT NOT NULL ,
`ADDRESS` VARCHAR(50) NOT NULL , `CONTACT_NO` INT NOT NULL , `STATUS` CHAR(3) NOT NULL )
ENGINE = InnoDB;
ALTER TABLE `reservation` ADD PRIMARY KEY(`PNR_NO`);
ALTER TABLE `reservation` ADD UNIQUE(`PNR_NO`);
```

Ticket Table Creating with given attribute**SQL:**

```
CREATE TABLE `lab-4`.`ticket` ( `TICKET_NO` INT NOT NULL , `AGE` INT NOT NULL , `SEX` CHAR(4)
NOT NULL , `SOURCE` VARCHAR(20) NOT NULL , `DESTINATION` VARCHAR(20) NOT NULL , `DEP_TIME`
VARCHAR(20) NOT NULL , `JOURNEY_DATE` VARCHAR(20) NOT NULL ) ENGINE = InnoDB;
ALTER TABLE `ticket` ADD PRIMARY KEY(`TICKET_NO`);
```

Passenger Table Creating with given attribute**SQL:**

```
CREATE TABLE `lab-4`.`cancellation` ( `PNR_NO` INT NOT NULL , `NO_OF_SEATS` INT NOT NULL ,
`ADDRESS` VARCHAR(50) NOT NULL , `CONTACT_NO` INT NOT NULL , `STATUS` CHAR(3) NOT NULL )
ENGINE = InnoDB;
ALTER TABLE `cancellation` ADD PRIMARY KEY(`PNR_NO`);
```

N.B.: Here I added 'BUS_NO' later for the project purpose, as a foreign key which was not described in the database schema.

File Structure for Frontend and Backend codes:

Here is the file structure inside project folder:

- admin.php
- approve_confirm.php
- aprove_ticket.php
- busentry.php
- delete_reservation.php
- footer.php
- function.php
- header.php
- index.php
- modifyreservation.php
- modifyreservation_confirm.php
- reservationconfirm.php
- reservationdetails.php
- reservationlist.php
- reservations.php
- style.css

Firstly, we created a database named 'lab-4' and create required table by following the database schema. Then these php files are created and coded as below to complete the GUI and backend portion of this project.

Here we use **function.php** to connect between project and database, It's code:

```

1. <?php
2. $servername = "localhost";
3. $username = "root";
4. $password = "";
5. $dbname="lab-4";
6.
7. // Create connection
8. $conn = new mysqli($servername, $username, $password,$dbname);
9.
10. // Check connection
11. if ($conn->connect_error) {
12.     die("Connection failed: " . $conn->connect_error);
13. }
14.
15. ?>

```

Index.php:

```

1. <?php include('header.php'); ?>
2.
3. <div style="height: 40px;"></div>
4. <h2 class="text-center">Wellcome to bus ticket booking corner</h2>
5. <p class="text-center">lorem Ipsum dolor site default emmit</p>
6. <div style="height: 40px;"></div>
7. <div class="container-fluid">
8.     <div class="row m-0 d-flex justify-content-center">
9.         <div class="card mx-4" style="width: 18rem">
10.             
17.             <div class="card-body">
18.                 <h5 class="card-title">Reservations Corner</h5>
19.                 <p class="card-text">
20.                     Some quick example text to build on the card title and
21.                     make up the bulk of the

```

```

19.             card's content.
20.             </p>
21.         </div>
22.         <div class="card-body">
23.             <a href="reservations.php" class="btn btn-success">Go and
Reserve!</a>
24.         </div>
25.     </div>
26.
27.     <div class="card mx-4" style="width: 18rem">
28.         
33.         <div class="card-body">
34.             <h5 class="card-title">My reservations</h5>
35.             <p class="card-text">
36.                 Modification Cancellation of your ticket.
37.             </p>
38.         </div>
39.         <div class="card-body">
40.             <a href="reservationlist.php" class="btn btn-
danger">Reservation status!</a>
41.         </div>
42.     </div>
43.     <div class="card mx-4" style="width: 18rem">
44.         
49.         <div class="card-body">
50.             <h5 class="card-title">Approve Reservations</h5>
51.             <p class="card-text">
52.                 Some quick example text to build on the card title.
53.             </p>
54.         </div>
55.         <div class="card-body">
56.             <a href="aprove_ticket.php" class="btn btn-warning"
style="color: white;">Approve!</a>

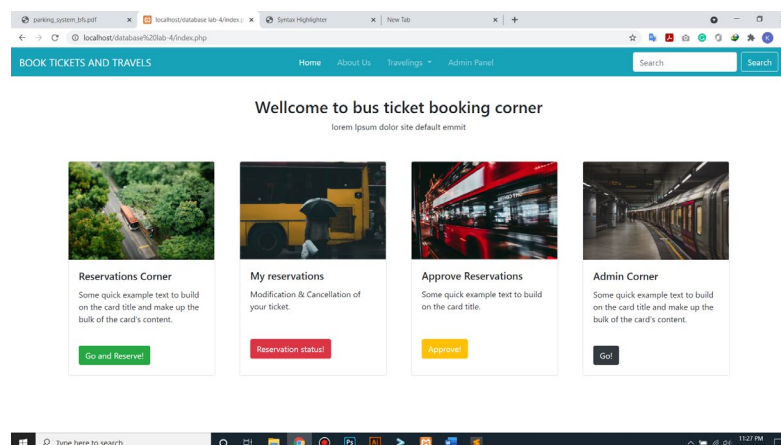
```

```

57.         </div>
58.     </div>
59.     <div class="card mx-4" style="width: 18rem">
60.         
65.         <div class="card-body">
66.             <h5 class="card-title">Admin Corner</h5>
67.             <p class="card-text">
68.                 Some quick example text to build on the card title and
                 make up the bulk of the
69.                 card's content.
70.             </p>
71.         </div>
72.         <div class="card-body">
73.             <a href="admin.php" class="btn btn-dark">Go!</a>
74.         </div>
75.     </div>
76. </div>
77. </div>
78.
79. <div style="height: 400px;"></div>
80.
81. <?php include('function.php'); ?>
82.
83. <?php include('footer.php'); ?>

```

Output:



header.php:

```

1. <!DOCTYPE html>
2. <html>
3. <head>
4.   <title></title>
5.
6.   <!-- media queary support -->
7.   <meta name="viewport" content="width=device-width, initial-scale=1, minimum-
      scale=1" />
8.
9.   <!-- Latest compiled and minified CSS -->
10.  <link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
11.
12.  <!-- jQuery library -->
13.  <script
      src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
14.
15.  <!-- Popper JS -->
16.  <script
      src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js">
      </script>
17.
18.  <!-- Latest compiled JavaScript -->
19.  <script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></scri
      pt>
20.
21.  <!-- animated css link -->
22.  <link rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/4.0.0/animate.min.css"/
      >
23.
24.  <!-- font awesome css link -->
25.  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
      awesome/4.7.0/css/font-awesome.min.css">
26.
27.  <!-- custom css link -->
28.  <link rel="stylesheet" type="text/css" href="style.css">
29.
30. </head>
31. <body>
32.
33.  <nav class="navbar sticky-top navbar-expand-lg navbar-dark bg-info">
34.    <a class="navbar-brand" href="index.php">BOOK TICKETS AND TRAVELS</a>

```



```

35.     <button class="navbar-toggler" type="button" data-toggle="collapse" data-
        target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
        expanded="false" aria-label="Toggle navigation">
36.         <span class="navbar-toggler-icon"></span>
37.     </button>
38.     <div class="collapse navbar-collapse" id="navbarSupportedContent">
39.         <ul class="navbar-nav mx-auto">
40.             <li class="nav-item active mx-2">
41.                 <a class="nav-link" href="index.php">Home <span class="sr-
                    only">(current)</span></a>
42.             </li>
43.             <li class="nav-item mx-2">
44.                 <a class="nav-link" href="#">About Us</a>
45.             </li>
46.             <li class="nav-item dropdown mx-2">
47.                 <a class="nav-link dropdown-toggle" href="#"
                    id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true"
                    aria-expanded="false">
48.                     Travelings
49.                 </a>
50.                 <div class="dropdown-menu" aria-labelledby="navbarDropdown">
51.                     <a class="dropdown-item"
                        href="reservations.php">Reservations</a>
52.                     <a class="dropdown-item"
                        href="reservationlist.php">Cancellation</a>
53.                     <a class="dropdown-item"
                        href="reservationlist.php">Modification</a>
54.                     <div class="dropdown-divider"></div>
55.                     <a class="dropdown-item" href="aprove_ticket.php">Aprove
                        Tickets</a>
56.                     <a class="dropdown-item" href="admin.php">Admin Corner</a>
57.                 </div>
58.             </li>
59.             <li class="nav-item mx-2">
60.                 <a class="nav-link" href="admin.php">Admin Panel</a>
61.             </li>
62.         </ul>
63.         <form class="form-inline my-2 my-lg-0">
64.             <input class="form-control mr-sm-2" type="search"
                placeholder="Search" aria-label="Search">
65.             <button class="btn btn-outline-light my-2 my-sm-0"
                type="submit">Search</button>
66.         </form>
67.     </div>
68. </nav>

```

footer.php:

```

1. </body>
2.
3. <!-- wow.js link & js code start-->
4. <script src="https://cdnjs.cloudflare.com/ajax/libs/wow/1.1.2/wow.js"></script>
5. <script
   src="https://cdnjs.cloudflare.com/ajax/libs/wow/1.1.2/wow.min.js"></script>
6.
7. <script>
8.   var wow = new WOW(
9.     {
10.       boxClass:      'wow',      // animated element css class (default is wow)
11.       animateClass: 'animate__animated', // animation css class (default is
           animated)
12.       offset:        0,          // distance to the element when triggering the
           animation (default is 0)
13.       mobile:        true,       // trigger animations on mobile devices (default
           is true)
14.       live:          true,       // act on asynchronously loaded content (default
           is true)
15.       callback:      function(box) {
16.         // the callback is fired every time an animation is started
17.         // the argument that is passed in is the DOM node being animated
18.       },
19.       scrollContainer: null,      // optional scroll container selector, otherwise
           use window,
20.       resetAnimation: true,      // reset animation on end (default is true)
21.     }
22.   );
23. wow.init();
24. </script>
25. <!-- wow.js link & js code end-->
26.
27. </html>

```

admin.php:

```

1. <?php include('header.php'); ?>
2.
3. <?php include('function.php'); ?>
4.
5.
6. <div style="height: 40px;"></div>
7. <h2 class="text-center">Admin Corner</h2>
8. <p class="text-center">Watch and add Bus shudules</p>
9. <div style="height: 40px;"></div>
10.
11. <div class="container-fluid">
12.   <div class="row m-0 d-flex justify-content-center">
13.     <div class="col-xl-8">
14.       <h5>List of Buses: </h5>
15.       <div class="table-responsive-xl">
16.         <table class="table">
17.           <thead>
18.             <tr>
19.               <th scope="col">Bus No</th>
20.               <th scope="col">Source</th>
21.               <th scope="col">Destination</th>
22.               <th scope="col">Couch Type</th>
23.               <th scope="col">Fair Number</th>
24.             </tr>
25.           </thead>
26.           <tbody>
27.
28.             <?php
29.               $sql = "SELECT BUS_NO, SOURCE, DESTINATION,
COUCH_TYPE, FAIR_NUMBER FROM bus";
30.               $result = $conn->query($sql);
31.
32.               if ($result->num_rows > 0) {
33.                 // output data of each row
34.                 while($row = $result->fetch_assoc()) {
35.                   echo "
36.                     <tr>
37.                       <th>" . $row["BUS_NO"] . "</th>
38.                       <td>" . $row["SOURCE"] . "</td>
39.                       <td>" . $row["DESTINATION"] . "</td>
40.                       <td>" . $row["COUCH_TYPE"] . "</td>
41.                       <td>" . $row["FAIR_NUMBER"] . "</td>
42.                     </tr>
43.                   ";
44.
45.                 }
46.               }

```

```

47.         else {
48.             echo "0 results";
49.         }
50.         $conn->close();
51.     ?>
52.
53.     </tbody>
54. </table>
55.     <button class="btn btn-info float-right my-4" data-toggle="modal"
data-target="#bus_entry_modal">
56.         Add Bus entry
57.     </button>
58. </div>
59. </div>
60. </div>
61. </div>
62.
63.
64. <!-- Modal -->
65. <div class="modal fade" id="bus_entry_modal" tabindex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
66.     <div class="modal-dialog" role="document">
67.         <div class="modal-content">
68.             <div class="modal-header">
69.                 <h5 class="modal-title" id="exampleModalLabel">Modal title</h5>
70.                 <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
71.                     <span aria-hidden="true">&times;</span>
72.                 </button>
73.             </div>
74.             <form action="busentry.php" method="POST">
75.                 <div class="modal-body">
76.                     <div class="form-group">
77.                         <label>BUS NO</label>
78.                         <input type="text" name="BUS_NO" class="form-control"
placeholder="Enter bus no">
79.                     </div>
80.                     <div class="form-group">
81.                         <label>SOURCE</label>
82.                         <input type="text" name="SOURCE" class="form-control"
placeholder="Enter Source">
83.                     </div>
84.                     <div class="form-group">
85.                         <label>DESTINATION</label>
86.                         <input type="text" name="DESTINATION" class="form-control"
placeholder="Enter DESTINATION">
87.                     </div>
88.                     <div class="form-group">
89.                         <label>COUCH_TYPE</label>

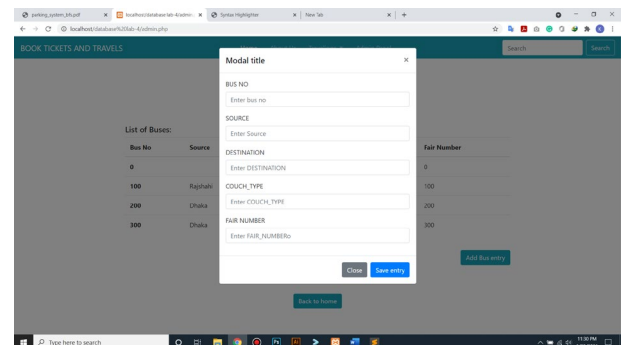
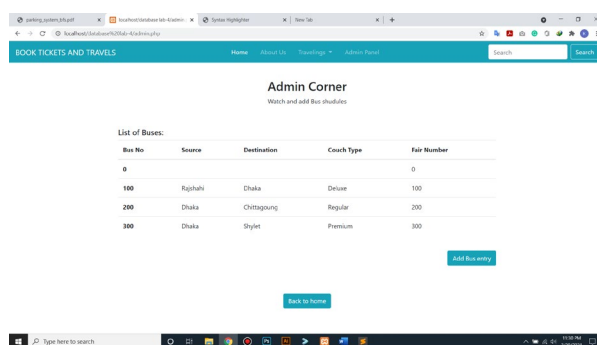
```

```

90.             <input type="text" name="COUCH_TYPE" class="form-control"
placeholder="Enter COUCH_TYPE">
91.         </div>
92.         <div class="form-group">
93.             <label>FAIR NUMBER</label>
94.             <input type="text" name="FAIR_NUMBER" class="form-control"
placeholder="Enter FAIR_NUMBER">
95.         </div>
96.
97.     </div>
98.     <div class="modal-footer">
99.         <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
100.        <button type="submit" class="btn btn-primary">Save
entry</button>
101.    </div>
102. </form>
103. </div>
104. </div>
105. </div>
106.
107.
108. <div class="container-fluid my-5">
109.     <div class="row m-0">
110.         <a href="index.php" class="btn btn-info mx-auto">Back to home</a>
111.     </div>
112. </div>
113.
114. <?php include('footer.php'); ?>

```

Output:



busentry.php:

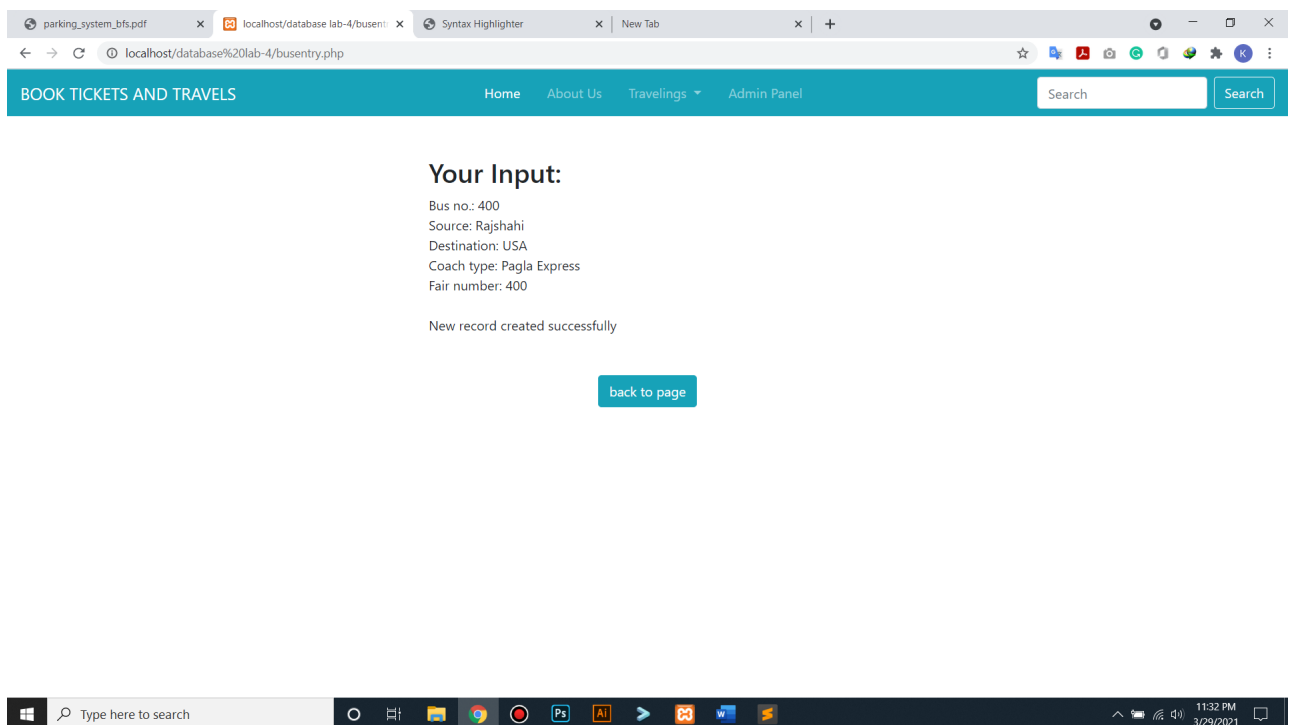
```

1. <?php include('header.php'); ?>
2.
3. <div class="container my-5">
4.   <div class="col-xl-6 mx-auto">
5.     <?php
6.       include('function.php');
7.
8.       $BUS_NO = test_input($_POST["BUS_NO"]);
9.       $SOURCE = test_input($_POST["SOURCE"]);
10.      $DESTINATION = test_input($_POST["DESTINATION"]);
11.      $COUCH_TYPE = test_input($_POST["COUCH_TYPE"]);
12.      $FAIR_NUMBER = test_input($_POST["FAIR_NUMBER"]);
13.
14.      function test_input($data) {
15.        $data = trim($data);
16.        $data = stripslashes($data);
17.        $data = htmlspecialchars($data);
18.        return $data;
19.      }
20.
21.      echo "<h2>Your Input:</h2>";
22.      echo "Bus no.: ";   echo $BUS_NO;
23.      echo "<br>";
24.      echo "Source: ";   echo $SOURCE;
25.      echo "<br>";
26.      echo "Destination: ";   echo $DESTINATION;
27.      echo "<br>";
28.      echo "Coach type: ";   echo $COUCH_TYPE;
29.      echo "<br>";
30.      echo "Fair number: ";   echo $FAIR_NUMBER;
31.      echo "<br>";
32.      echo "<br>";
33.
34.      $sql = "INSERT INTO bus (BUS_NO, SOURCE, DESTINATION, COUCH_TYPE,
        FAIR_NUMBER)
35.        VALUES ('$BUS_NO', '$SOURCE', '$DESTINATION', '$COUCH_TYPE',
        '$FAIR_NUMBER')";
36.
37.      if ($conn->query($sql) === TRUE) {
38.        echo "New record created successfully";
39.      }
40.      else {
41.        echo "Error: " . $sql . "<br>" . $conn->error;
42.      }
43.
44.    ?>
45.  </div>

```

```
46. </div>
47.
48. <div class="container">
49.   <div class="rom m-0 d-flex justify-content-center">
50.     <a href="admin.php" class="btn btn-info">back to page</a>
51.   </div>
52. </div>
53.
54. <?php include('footer.php'); ?>
```

Output:



reservations.php:

```

1. <?php include('header.php'); ?>
2. <?php include('function.php'); ?>
3.
4. <div style="height: 40px;"></div>
5. <h2 class="text-center">Reservations Corner</h2>
6. <p class="text-center">Watch our bus shedule and reserve ticket</p>
7. <div style="height: 40px;"></div>
8.
9. <div class="container-fluid">
10. <div class="row m-0 d-flex justify-content-center">
11. <div class="col-xl-8">
12. <h5>List of Buses: </h5>
13. <div class="table-responsive-xl">
14. <table class="table">
15. <thead>
16. <tr>
17. <th scope="col">Bus No</th>
18. <th scope="col">Source</th>
19. <th scope="col">Destination</th>
20. <th scope="col">Couch Type</th>
21. <th scope="col">Price</th>
22. <th scope="col">Reserve?</th>
23. </tr>
24. </thead>
25. <tbody>
26. <?php
27. $sql = "SELECT BUS_NO, SOURCE, DESTINATION,
    COUCH_TYPE, FAIR_NUMBER FROM bus";
28. $result = $conn->query($sql);
29.
30. if ($result->num_rows > 0) {
31. // output data of each row
32. while($row = $result->fetch_assoc()) {
33. echo "
34. <tr>
35. <th>" . $row["BUS_NO"] . "</th>
36. <td>" . $row["SOURCE"] . "</td>
37. <td>" . $row["DESTINATION"] . "</td>
38. <td>" . $row["COUCH_TYPE"] . "</td>
39. <td>" . $row["FAIR_NUMBER"] . "</td>
40. ";
41. ?>
42. <td>
43. <form action="reservationdetails.php"
    method="POST">
44. <input type="text" name="BUS_NO" value="<?php
    echo $row["BUS_NO"] ?>" style="display: none;">

```



```

45.                                     <button type="submit" class="btn btn-
    success">Go!</button>
46.                                     </form>
47.                                 </td>
48.                                     <?php
49.                                     echo "</tr>";
50.                                     }
51.                                 }
52.                                else {
53.                                    echo "0 results";
54.                                }
55.                                $conn->close();
56.                                ?>
57.                                </tbody>
58.                            </table>
59.                        </div>
60.                    </div>
61.                </div>
62.            </div>
63.            <div class="container-fluid my-5">
64.                <div class="row m-0">
65.                    <a href="index.php" class="btn btn-info mx-auto">Back to home</a>
66.                </div>
67.            </div>
68.
69. <?php include('footer.php'); ?>

```

Output:

BOOK TICKETS AND TRAVELS

Home About Us Travelings Admin Panel

Search

Reservations Corner

Watch our bus shedule and reserve ticket

List of Buses:

Bus No	Source	Destination	Couch Type	Price	Reserve?
100	Rajshahi	Dhaka	Deluxe	100	Go!
200	Dhaka	Chittagoung	Regular	200	Go!
300	Dhaka	Shylet	Premium	300	Go!
400	Rajshahi	USA	Pagla Express	400	Go!

Back to home

reservationdetails.php:

```

1. <?php include('header.php'); ?>
2. <?php include('function.php'); ?>
3.
4. <div style="height: 40px;"></div>
5. <h2 class="text-center">Confirm your reservation</h2>
6. <p class="text-center">Please provide wanted data</p>
7. <div style="height: 40px;"></div>
8.
9. <div class="container-fluid">
10. <div class="row m-0 d-flex justify-content-center">
11. <div class="col-xl-4">
12. <form action="reservationconfirm.php" method="POST">
13. <div class="form-group">
14. <label>PNR No. </label>
15. <input type="text" name="PNR_NO" class="form-control"
placeholder="Enter PNR No ">
16. </div>
17. <div class="form-group">
18. <label>No of seats</label>
19. <input type="text" name="NO_OF_SEATS" class="form-control"
placeholder="Enter Seat No.">
20. </div>
21. <div class="form-group">
22. <label>Address</label>
23. <input type="text" name="ADDRESS" class="form-control"
placeholder="Enter Address">
24. </div>
25. <div class="form-group">
26. <label>Contact No</label>
27. <input type="text" name="CONTACT_NO" class="form-control"
placeholder="Enter Contact No.">
28. </div>
29.
30. <!-- hiddenly sent bus info with this form -->
31. <div class="form-group" style="display: none;">
32. <input type="text" name="BUS_NO" class="form-control"
value="<?php echo $_POST["BUS_NO"] ?>">
33. </div>
34. <!-- end of hiddenly sending data -->
35.
36. <div class="row m-0 my-5">
37. <a type="text" href="reservations.php" class="btn btn-warning
mx-2">Cancel</a>
38. <button type="submit" class="btn btn-success mx-2">Confirm
Reservation!</button>
39. </div>
40. </form>

```

```

41.     </div>
42.     <div class="col-xl-1"></div>
43.     <div class="col-xl-2">
44.         <?php
45.             $BUS_NO = $_POST["BUS_NO"];
46.
47.             $sql = "SELECT BUS_NO, SOURCE, DESTINATION, COUCH_TYPE,
FAIR_NUMBER FROM bus WHERE BUS_NO=$BUS_NO";
48.             $result = $conn->query($sql);
49.             if ($result->num_rows > 0) {
50.                 // output data of each row
51.                 while($row = $result->fetch_assoc()) {
52.                     echo "<br>";
53.                     echo "<h4>Bus info</h4>";
54.                     echo "<hr>";
55.                     echo "SOURCE: " . $row["SOURCE"];          echo "<br>";
56.                     echo "DESTINATION: " . $row["DESTINATION"];    echo "<br>";
57.                     echo "COUCH_TYPE: " . $row["COUCH_TYPE"];      echo "<br>";
58.                     echo "FAIR_NUMBER: " . $row["FAIR_NUMBER"];    echo "<br>";
59.                     echo "BUS_NO: " . $row["BUS_NO"];              echo "<br>";
60.                 }
61.             } else {
62.                 echo "0 results";
63.             }
64.         ?>
65.     </div>
66. </div>
67. </div>
68. <div style="height: 200px;"></div>
69.
70. <?php include('footer.php'); ?>

```

Output:

BOOK TICKETS AND TRAVELS

Home About Us Travelings Admin Panel

Confirm your reservation

Please provide wanted data

PNR No.
400

No of seats
4

Address
UK

Contact No
215421515

Bus info

SOURCE: Rajshahi
DESTINATION: USA
COUCH_TYPE: Pagla Express
FAIR_NUMBER: 400
BUS_NO: 400

Cancel Confirm Reservation!

reservationconfirm.php:

```

1. <?php include('header.php'); ?>
2. <?php include('function.php'); ?>
3.
4. <?php
5.     $PNR_NO = test_input($_POST["PNR_NO"]);
6.     $NO_OF_SEATS = test_input($_POST["NO_OF_SEATS"]);
7.     $ADDRESS = test_input($_POST["ADDRESS"]);
8.     $CONTACT_NO = test_input($_POST["CONTACT_NO"]);
9.     $STATUS = "Waiting";
10.    $BUS_NO = $_POST["BUS_NO"];
11.
12.
13.    function test_input($data) {
14.        $data = trim($data);
15.        $data = stripslashes($data);
16.        $data = htmlspecialchars($data);
17.        return $data;
18.    }
19.
20.    $sql = "INSERT INTO `reservation` (`PNR_NO`, `NO_OF_SEATS`, `ADDRESS`,
        `CONTACT_NO`, `STATUS`, `BUS_NO`) VALUES ('$PNR_NO', '$NO_OF_SEATS', '$ADDRESS',
        '$CONTACT_NO', '$STATUS', '$BUS_NO')";
21.
22. ?>
23.
24. <div style="height: 40px;"></div>
25.
26. <?php
27.     if ($conn->query($sql) === TRUE) {
28. ?>
29.
30.     <h2 class="text-center text-success">
31.         You have successfully completed your reservation!
32.     </h2>
33.     <p class="text-center">
34.         Wait till our admin confirm your ticket
35.     </p>
36.
37. <?php
38.     }
39.     else {
40. ?>
41.
42.     <h2 class="text-center text-danger">
43.         Sorry There might be some problem!
44.     </h2>
45.     <p class="text-center">

```

```

46.     <?php echo "Error: " . $sql . "<br>" . $conn->error;?>
47. </p>
48.
49. <?php
50.     }
51. ?>
52.
53. <div style="height: 40px;"></div>
54.
55. <div class="container-fluid">
56.     <div class="row m-0 d-flex justify-content-center">
57.         <div class="col-xl-4">
58.
59.             <?php
60.                 echo "<br>";
61.                 echo "<h4>Your Input:</h4>";
62.                 echo "<hr>";
63.                 echo "PNR no.: ";    echo $PNR_NO;
64.                 echo "<br>";
65.                 echo "No of Seat: ";    echo $NO_OF_SEATS;
66.                 echo "<br>";
67.                 echo "Address: ";    echo $ADDRESS;
68.                 echo "<br>";
69.                 echo "Contact No: ";    echo $CONTACT_NO;
70.                 echo "<br>";
71.                 echo "Status: ";    echo $STATUS;
72.                 echo "<br>";
73.             ?>
74.
75.         </div>
76.         <div class="col-xl-1"></div>
77.         <div class="col-xl-2">
78.
79.             <?php
80.                 $BUS_NO = $_POST["BUS_NO"];
81.                 // echo $BUS_NO;
82.
83.                 $sql = "SELECT BUS_NO, SOURCE, DESTINATION, COUCH_TYPE,
FAIR_NUMBER FROM bus WHERE BUS_NO=$BUS_NO";
84.                 $result = $conn->query($sql);
85.
86.                 if ($result->num_rows > 0) {
87.                     // output data of each row
88.                     while($row = $result->fetch_assoc()) {
89.                         echo "<br>";
90.                         echo "<h4>Bus info: </h4>";
91.                         echo "<hr>";
92.                         echo "SOURCE: " . $row["SOURCE"];    echo "<br>";
93.                         echo "DESTINATION: " . $row["DESTINATION"];    echo "<br>";

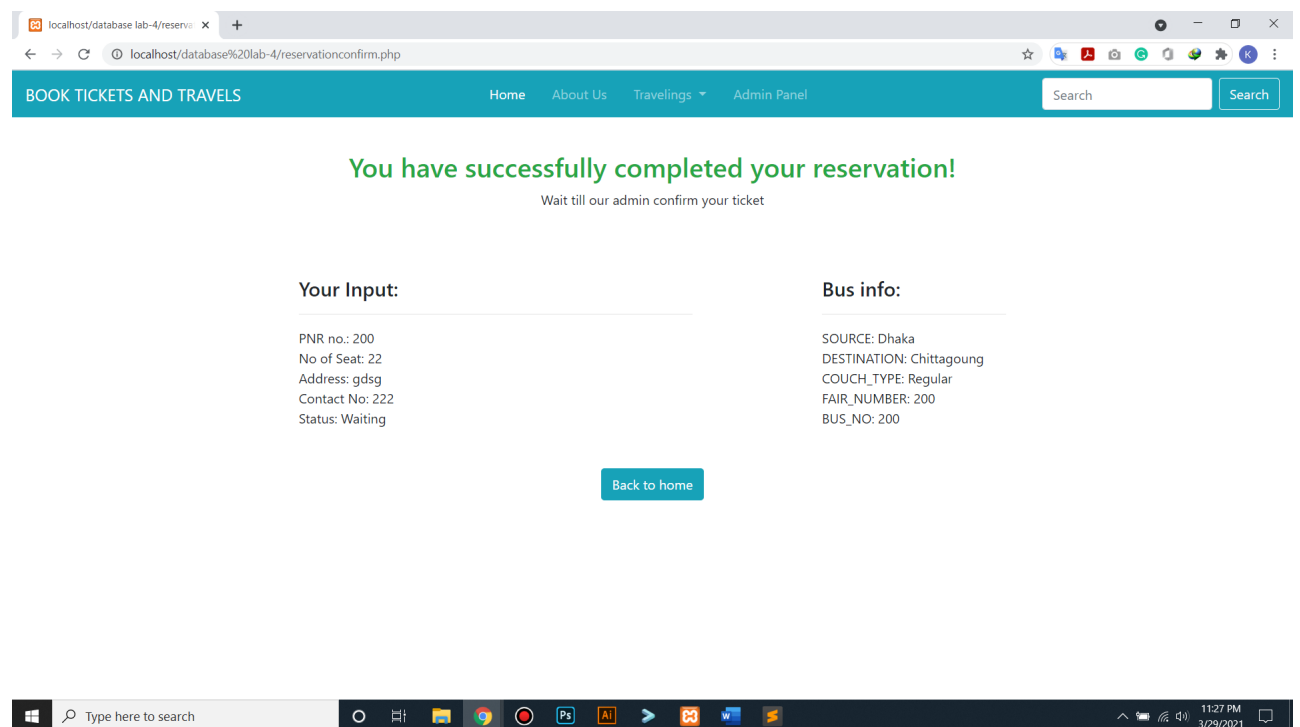
```

```

94.             echo "COUCH_TYPE: " . $row["COUCH_TYPE"];           echo "<br>";
95.             echo "FAIR_NUMBER: " . $row["FAIR_NUMBER"];         echo "<br>";
96.             echo "BUS_NO: " . $row["BUS_NO"];                   echo "<br>";
97.
98.         }
99.     } else {
100.         echo "0 results";
101.     }
102.
103.     ?>
104. </div>
105. </div>
106. </div>
107.
108. <div class="container-fluid my-5">
109.     <div class="row m-0">
110.         <a href="index.php" class="btn btn-info mx-auto">Back to home</a>
111.     </div>
112. </div>
113.
114. <div style="height: 150px;"></div>
115.
116. <?php include('footer.php'); ?>

```

Output:



reservationlist.php:

```

1. <?php include('header.php'); ?>
2. <?php include('function.php'); ?>
3.
4. <div style="height: 40px;"></div>
5. <h2 class="text-center">Your Reservation List</h2>
6. <p class="text-center">Watch your reservation list and check their status</p>
7. <div style="height: 40px;"></div>
8.
9. <div class="container-fluid">
10. <div class="row m-0 d-flex justify-content-center">
11.     <div class="col-xl-8">
12.         <h5>List of Buses: </h5>
13.         <div class="table-responsive-xl">
14.             <table class="table">
15.                 <thead>
16.                     <tr>
17.                         <th scope="col">PNR No</th>
18.                         <th scope="col">Seat No</th>
19.                         <th scope="col">Address</th>
20.                         <th scope="col">Contact No</th>
21.                         <th scope="col">Status</th>
22.                         <th scope="col">Bus No.</th>
23.                         <th scope="col">Modify</th>
24.                         <th scope="col">Cancle</th>
25.                     </tr>
26.                 </thead>
27.                 <tbody>
28.
29.                     <?php
30.                         $sql = "SELECT PNR_NO, NO_OF_SEATS, ADDRESS,
CONTACT_NO, STATUS, BUS_NO FROM reservation";
31.                         $result = $conn->query($sql);
32.
33.                         if ($result->num_rows > 0) {
34.                             // output data of each row
35.                             while($row = $result->fetch_assoc()) {
36.                                 echo "
37.                                     <tr>
38.                                         <th>" . $row["PNR_NO"] . "</th>
39.                                         <td>" . $row["NO_OF_SEATS"] . "</td>
40.                                         <td>" . $row["ADDRESS"] . "</td>
41.                                         <td>" . $row["CONTACT_NO"] . "</td>
42.                                         <td>" . $row["STATUS"] . "</td>
43.                                         <td>" . $row["BUS_NO"] . "</td>
44.
45.                                     ";
46.                                     ?>

```

```

47.
48.             <td>
49.                 <form
50.                     action="modifyreservation.php" method="POST">
51.                         <input name="BUS_NO"
52.                             value="<?php echo $row["BUS_NO"] ?>" style="display: none;">
53.                         <button type="submit"
54.                             class="btn btn-warning">Modify!</button>
55.                     </form>
56.                 </td>
57.             <td>
58.                 <form
59.                     action="delete_reservation.php" method="POST">
60.                         <input name="BUS_NO"
61.                             value="<?php echo $row["BUS_NO"] ?>" style="display: none;">
62.                         <button type="submit"
63.                             class="btn btn-danger">Cancel!</button>
64.                     </form>
65.                 </td>
66.             </tr>
67.
68.             <?php
69.                 }
70.             }
71.             else {
72.                 echo "0 results";
73.             }
74.             $conn->close();
75.         ?>
76.
77.     </tbody>
78. </table>
79. </div>
80. </div>
81. </div>
82. </div>
83.
84. <?php include('footer.php'); ?>

```


Output:

The screenshot shows a web browser window with the URL `localhost/database%20lab-4/reservationlist.php`. The page has a teal header with the text "BOOK TICKETS AND TRAVELS" and navigation links: "Home", "About Us", "Travelings", and "Admin Panel". A search bar is located on the right side of the header.

Your Reservation List

Watch your reservation list and check their status

List of Buses:

PNR No	Seat No	Address	Contact No	Status	Bus No.	Modify	Cancel
100	11	221B Baker Street	1812345678	Ticket Confirm	100	Modify!	Cancel!
200	22	gdsg	222	Waiting	200	Modify!	Cancel!
400	4	UK	215421515	Waiting	400	Modify!	Cancel!

[Back to home](#)

The Windows taskbar at the bottom shows the system clock as 11:41 PM on 3/29/2021.

delete_reservation.php:

```

1. <?php
2.     include('function.php');
3.     $BUS_NO = $_POST["BUS_NO"];
4.
5.     $sql = "
6.         DELETE FROM
7.             `reservation`
8.         WHERE
9.             `reservation`.`BUS_NO` = $BUS_NO
10.        ";
11.     $result = $conn->query($sql);
12.
13.     if ($conn->query($sql) === TRUE) {
14.         // echo "Record updated successfully";
15.         header('Location: reservationlist.php');
16.     }
17.     else {
18.         echo "Error updating record: " . $conn->error;
19.     }
20. ?>

```

modifyreservation.php:

```

1. <?php include('header.php'); ?>
2. <?php include('function.php'); ?>
3.
4.
5. <div style="height: 40px;"></div>
6. <h2 class="text-center">Modify your reservation</h2>
7. <p class="text-center">Please modify as you want</p>
8. <div style="height: 40px;"></div>
9.
10.
11. <div class="container-fluid">
12.   <div class="row m-0 d-flex justify-content-center">
13.     <div class="col-xl-5">
14.
15.         <?php
16.             $BUS_NO = $_POST["BUS_NO"];
17.
18.             $sql = "SELECT * FROM reservation NATURAL JOIN bus WHERE BUS_NO =
19.                 {$BUS_NO}";
20.             $result = $conn->query($sql);
21.
22.             if ($result && $result->num_rows) {
23.                 while($row = $result->fetch_assoc()) {
24.                     $PNR_NO = $row["PNR_NO"];
25.                     $NO_OF_SEATS = $row["NO_OF_SEATS"];
26.                     $ADDRESS = $row["ADDRESS"];
27.                     $CONTACT_NO = $row["CONTACT_NO"];
28.                     // echo $DESTINATION;
29.                 }
30.             }
31.
32.             <form action="modifyreservation_confirm.php" method="POST">
33.                 <div class="form-group">
34.                     <label>PNR No. </label>
35.                     <input type="text" name="PNR_NO" class="form-control"
36. value="<?php echo $row["PNR_NO"] ?>" readonly>
37.                 </div>
38.                 <div class="form-group">
39.                     <label>No of seats</label>
40.                     <input type="text" name="NO_OF_SEATS" class="form-control"
41. value="<?php echo $row["NO_OF_SEATS"] ?>">
42.                 </div>
43.                 <div class="form-group">
44.                     <label>Address</label>
45.                     <input type="text" name="ADDRESS" class="form-control"
46. value="<?php echo $row["ADDRESS"] ?>">
47.                 </div>

```

```

44.         <div class="form-group">
45.             <label>Contact No</label>
46.             <input type="text" name="CONTACT_NO" class="form-control"
value="<?php echo $row["CONTACT_NO"] ?>">
47.         </div>
48.
49.         <!-- hiddenly sent bus info with this form -->
50.         <div class="form-group" style="display: none;">
51.             <input type="text" name="BUS_NO" class="form-control"
value="<?php echo $_POST["BUS_NO"] ?>">
52.         </div>
53.         <!-- end of hiddenly sending data -->
54.
55.         <div class="row m-0 my-5">
56.             <a type="text" href="reservationlist.php" class="btn btn-dark
mx-2">Go back</a>
57.             <a type="text" href="#" class="btn btn-danger mx-2">Cancel
Reservation</a>
58.             <button type="submit" class="btn btn-success mx-2">Confirm
Modification!</button>
59.         </div>
60.     </form>
61.
62.
63.     <?php
64.         }
65.         } else {
66.             echo "Sorry cannot load data";
67.         }
68.     ?>
69. </div>
70. <div class="col-xl-1"></div>
71. <div class="col-xl-2">
72.
73.     <?php
74.
75.         $sql = "SELECT * FROM reservation NATURAL JOIN bus WHERE BUS_NO =
{$BUS_NO}";
76.         $result = $conn->query($sql);
77.
78.         if ($result && $result->num_rows) {
79.             // output data of each row
80.             while($row = $result->fetch_assoc()) {
81.                 echo "<br>";
82.                 echo "<h4>Bus info</h4>";
83.                 echo "<hr>";
84.                 echo "SOURCE: " . $row["SOURCE"];          echo "<br>";
85.                 echo "DESTINATION: " . $row["DESTINATION"];  echo "<br>";
86.                 echo "COUCH_TYPE: " . $row["COUCH_TYPE"];     echo "<br>";

```

```

87.             echo "FAIR_NUMBER: " . $row["FAIR_NUMBER"];         echo "<br>";
88.             echo "BUS_NO: " . $row["BUS_NO"];             echo "<br>";
89.         }
90.     } else {
91.         echo "0 results";
92.     }
93.     ?>
94.
95.     </div>
96. </div>
97. </div>
98. <div style="height: 200px;"></div>
99.
100. <?php include('footer.php'); ?>

```

Output:

BOOK TICKETS AND TRAVELS Home About Us Travelings Admin Panel Search

Modify your reservation

Please modify as you want

PNR No.
400

No of seats
4

Address
UK

Contact No
215421515

Go back Cancel Reservation Confirm Modification!

Bus info

SOURCE: Rajshahi
DESTINATION: USA
COUCH_TYPE: Pagla Express
FAIR_NUMBER: 400
BUS_NO: 400

modifyreservation_confirm.php:

```

1. <?php
2.     include('function.php');
3.     $BUS_NO = $_POST["BUS_NO"];
4.
5.     // modiufied data coming by post method
6.     $PNR_NO = $_POST["PNR_NO"];
7.     $NEW_NO_OF_SEATS = $_POST["NO_OF_SEATS"];
8.     $NEW_ADDRESS = $_POST["ADDRESS"];
9.     $NEW_CONTACT_NO = $_POST["CONTACT_NO"];
10.    $sql = "
11.        UPDATE
12.            `reservation`
13.        SET
14.            `NO_OF_SEATS` = $NEW_NO_OF_SEATS, `CONTACT_NO` = $NEW_CONTACT_NO,
            `ADDRESS`= '$NEW_ADDRESS'
15.        WHERE
16.            `reservation`.`PNR_NO` = $PNR_NO
17.        ";
18.    $result = $conn->query($sql);
19.    if ($conn->query($sql) === TRUE) {
20.        // echo "Record updated successfully";
21.        header('Location: reservationlist.php');
22.    }
23.    else {
24.        echo "Error updating record: " . $conn->error;
25.    }
26. ?>

```

aprove_ticket.php:

```

1. <?php include('header.php'); ?>
2. <?php include('function.php'); ?>
3.
4. <div style="height: 40px;"></div>
5. <h2 class="text-center">Admin Corner</h2>
6. <p class="text-center">Aprove ticket for any tourist</p>
7. <div style="height: 40px;"></div>
8.
9. <div class="container-fluid">
10. <div class="row m-0 d-flex justify-content-center">
11.     <div class="col-xl-8">
12.         <h5>List of Buses: </h5>
13.         <div class="table-responsive-xl">
14.             <table class="table">
15.                 <thead>
16.                     <tr>
17.                         <th scope="col">Bus No.</th>
18.                         <th scope="col">PNR No</th>
19.                         <th scope="col">Seat No</th>
20.                         <th scope="col">Address</th>
21.                         <th scope="col">Contact No</th>
22.                         <th scope="col">Status</th>
23.                         <th scope="col">Approve!</th>
24.                     </tr>
25.                 </thead>
26.                 <tbody>
27.
28.                     <?php
29.                         $sql2 = "SELECT PNR_NO, NO_OF_SEATS, ADDRESS,
CONTACT_NO, STATUS, BUS_NO FROM reservation";
30.                         $result2 = $conn->query($sql2);
31.
32.                         if ($result2->num_rows > 0) {
33.                             // output data of each row
34.                             while($row = $result2->fetch_assoc()) {
35.                                 echo "
36.                                     <tr>
37.                                         <td>" . $row["BUS_NO"]. "</td>
38.                                         <th>" . $row["PNR_NO"]. "</th>
39.                                         <td>" . $row["NO_OF_SEATS"]. "</td>
40.                                         <td>" . $row["ADDRESS"]. "</td>
41.                                         <td>" . $row["CONTACT_NO"]. "</td>
42.                                         <td>" . $row["STATUS"]. "</td>
43.
44.                                     ";
45.
46.                                     if ( $row["STATUS"] == "Waiting" ) {

```

```

47.             ?>
48.
49.             <td>
50.                 <form action="approve_confirm.php"
method="POST">
51.                     <input name="BUS_NO"
value="<?php echo $row["BUS_NO"] ?>" style="display: none;">
52.                     <button type="submit"
class="btn btn-success">Approve</button>
53.                 </form>
54.             </td>
55.
56.         </tr>
57.
58.         <?php
59.             }
60.
61.             else{
62.                 ?>
63.                 <td>
64.                     <button type="submit" class="btn
btn-dark" disabled>Approved</button>
65.                 </td>
66.
67.             </tr>
68.
69.             <?php
70.
71.                 }
72.             }
73.         }
74.         else {
75.             echo "0 results";
76.         }
77.         $conn->close();
78.     ?>
79.
80. </tbody>
81. </table>
82. </div>
83. </div>
84. </div>
85. </div>
86.
87. <div class="container-fluid my-5">
88.     <div class="row m-0">
89.         <a href="index.php" class="btn btn-info mx-auto">Back to home</a>
90.     </div>
91. </div>

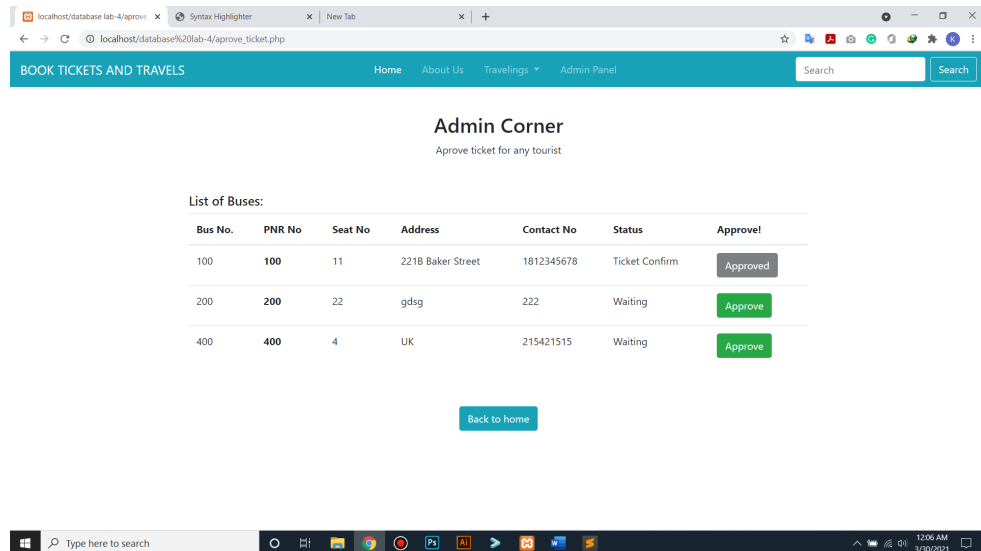
```

```

92.
93. <?php include('footer.php'); ?>

```

Output:



approve_confirm.php:

```

1. <?php
2.     include('function.php');
3.     $BUS_NO = $_POST["BUS_NO"];
4.
5.     $sql = "
6.         UPDATE
7.             `reservation`
8.         SET
9.             `STATUS` = 'Ticket Confirm'
10.        WHERE
11.            `reservation`.`BUS_NO` = $BUS_NO
12.        ";
13.     $result = $conn->query($sql);
14.
15.     if ($conn->query($sql) === TRUE) {
16.         // echo "Record updated successfully";
17.         header('Location: approve_ticket.php');
18.     }
19.     else {
20.         echo "Error updating record: " . $conn->error;
21.     }
22. ?>

```


Output:

Approve procedure will be completed and redirected to approvation list page.