

IDP PROJECT REPORT ON
“TRAVEL AND TOURISM MANAGEMENT SYSTEM”

Submitted

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the award of the degree of

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By

Juhi kumari (201FA07075)

Ari Nagajajilli (201FA07060)

Inturi Ashish (201FA07047)

(BATCH NO :02)

Submitted to:

Mrs. K. Santhi Sri

Mr. D. Madhusudhan Rao

Mrs. K. Gayathri



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

DEPARTMENT OF INFORMATION TECHNOLOGY
VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH
UNIVERSITY

(Accredited by NAAC “A+” grade)

Vadlamudi, Guntur.

CERTIFICATE

This is to certify that the Major project Report entitled “**TRAVEL AND TOURISM MANAGEMENT SYSTEM**” that is being submitted by **JUHI KUMARI (201FA07075), NAGA JAJILLI (201FA07060) & ASHISH (201FA07047)** in partial fulfilment for the award of B.Tech degree in INFORMATION TECHNOLOGY to the Vignan’s Foundation for Science, Technology and Research, Deemed to be University, is a record of bona fide work carried out by them in the IT Department.

Mrs. K. Santhi Sri

Under the guidance of

Dr. Krishna Kishore

Head of the Department

External Examiner

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1.ABSTRACT

Tourism Management System is a complete tourist fully integrated tourism web site. The web site covers all the areas required for an including tourism; this project is developed to manage the tourist in the tourism management web site. The main module in this project is login, tourist management, complaints and reports. This project mainly deals with Online Bus Reservations.

This project helps customers to reserve bus tickets online. When a customer wishes to book a ticket for a bus, he can visit this website and select the source and destination points along with the date of journey and category of the bus he/she wants.

The objective of the project is to develop a system that automates the processes and activities of a travel and. The purpose is to design a system using which one can perform all operations related to traveling.

2.INTRODUCTION

The project is to develop a system that automates the process of a travel. The Travel and Tourism Management System is a web-based application and maintains a centralized repository of all related information. this project is to develop a system that automates the processes and activities of a travel agency. In the present system a customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. A customer may not get the desired information from these offices and often the customer may be misguided.



3.SYSTEM ENVIRONMENT

SOFTWARE REQUIREMENTS:

| | |
|------------------|-------------------------|
| Operating System | : Windows |
| Technology | : Java and J2EE |
| Web Technologies | : Html, JavaScript, CSS |
| IDE | : My Eclipse |
| Web Server | : Tomcat |
| Database | : MySql5.0 |
| Java Version | : J2SDK1.5 |

HARDWARE REQUIREMENTS:

| | |
|----------|-----------|
| Hardware | : Pentium |
| RAM | : 1GB |

4.ANALYSIS

EXISTING SYSTEM:

In the present system a customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. A customer may not get the desired information from these offices and often the customer may be misguided. It is tedious for a customer to plan a particular journey and have it executed properly.

PROPOSED SYSTEM:

The proposed system is a web based application and maintains a centralized repository of all related information. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can decide about places they want to visit and make bookings online for travel and accommodation.

SOFTWARE TOOL USED:

The whole Project is divided in two parts the front end and the back end

Front end:

The front end is designed using of Java Swings.

JAVA SWINGS:

Java Swing is part of Java Foundation Classes. It is used to create window-based applications which makes it suitable for developing lightweight desktop applications. Java Swing is built on top of an abstract windowing toolkit API purely written in Java programming language. Java Swing provides lightweight and platform-independent components, making it suitable and efficient in designing and developing desktop-based applications (systems).

Back End:

The back end is designed using MYSQL which is used to design the databases.

MYSQL:

MySQL ("My S-Q-L", officially, but also called "My Sequel") is (as of July 2013) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Widenius daughter, My. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements.

Number of Modules

After careful analysis the system has been identified to have the following modules:

1. Administrator module
2. Travels module
3. Routes module
4. Reservations module
5. Testimonials module.

1. ADMINISTRATOR MODULE:

This module provides administrator related functionality. Administrator manages all information and has access rights to add, delete, edit and view the data related to places, travels, routes, bookings, restaurants etc.

2. TRAVELS MODULE:

This module provides the details of various travel agencies. A user can select the appropriate agency depending on convenience and accessibility.

3. ROUTES MODULE:

This module provides information related to various routes connecting sources and destinations. For each route, information such as source, destination, fare, reservation details, pick up points etc are provided. Only administrator can add, delete, edit and manage the data. Users can only view the information.

4. RESERVATIONS MODULE:

This module provides functionalities that allow a user to book tickets or cancel previously booked tickets. The module maintains the details of all reservations made so far and allows administrator to either confirm or reject the bookings.

5. TESTIMONIALS MODULE:

Users of this application can post their opinions, complaints and suggestions regarding this portal and services to the administrator. Accordingly, the administrator can take various steps to act on the complaints and suggestions.

Architecture flow :(N-Tier)

N-Tier Applications can easily implement the concepts of Distributed Application Design and Architecture. The N-Tier Applications provide strategic benefits to Enterprise Solutions. While 2-tier, client-server can help us create quick and easy solutions and may be used for Rapid Prototyping, they can easily become maintenance and security night mare The N-tier Applications provide specific advantages that are vital to the business continuity of the enterprise. Typical features of a real life n-tier may include the following:

- Security
- Availability and Scalability
- Manageability
- Easy Maintenance
- Data Abstraction

The above mentioned points are some of the key design goals of a successful n-tier application that intends to provide a good Business Solution.

Definition:

Simply stated, an n-tier application helps us distribute the overall functionality into various tiers or layers:

- Presentation Layer
- Business Logic layer
- Data Link Layer
- Database/Data Store

Each layer can be developed independently of the other provided that it adheres to the standards and communicates with the other layers as per the specifications. This is the one of the biggest advantages of the n-tier application. Each layer can potentially treat the other layer as a 'Block-Box'. In other words, each layer does not care how other layer processes the data as long as it sends the right data in a correct format.

1. Presentation Layer:

Also called as client layer, comprises of components that are dedicated to presenting the data to the user. For example: Windows/Web Forms and buttons, edit boxes, Text boxes, labels, grids, etc.

2. Business Logic Layer:

This layer encapsulates the Business rules or the business logic of the encapsulations. To have a separate layer for business logic is of a great advantage. This is because any changes in Business Rules can be easily handled in this layer. As long as the interface between the layers remains the same, any changes to the functionality/processing logic in this layer can be made without impacting the others. A lot of client-server apps failed to implement successfully as changing the business logic was a painful process.

3. Data Link Layer:

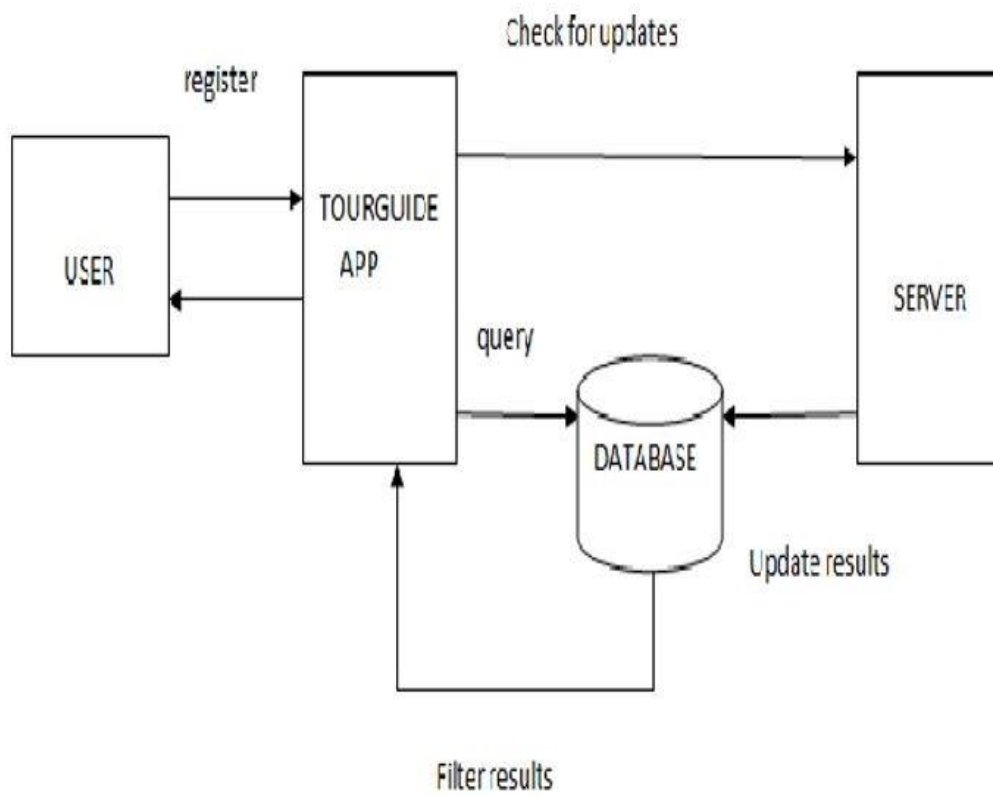
This layer comprises of components that help in accessing the Database. If used in the right way, this layer provides a level of abstraction for the database structures. Simply put changes made to the database, tables, etc. do not affect the rest of the application because of the Data Access layer. The different application layers send the data requests to this layer and receive the response from this layer.

4. Database Layer:

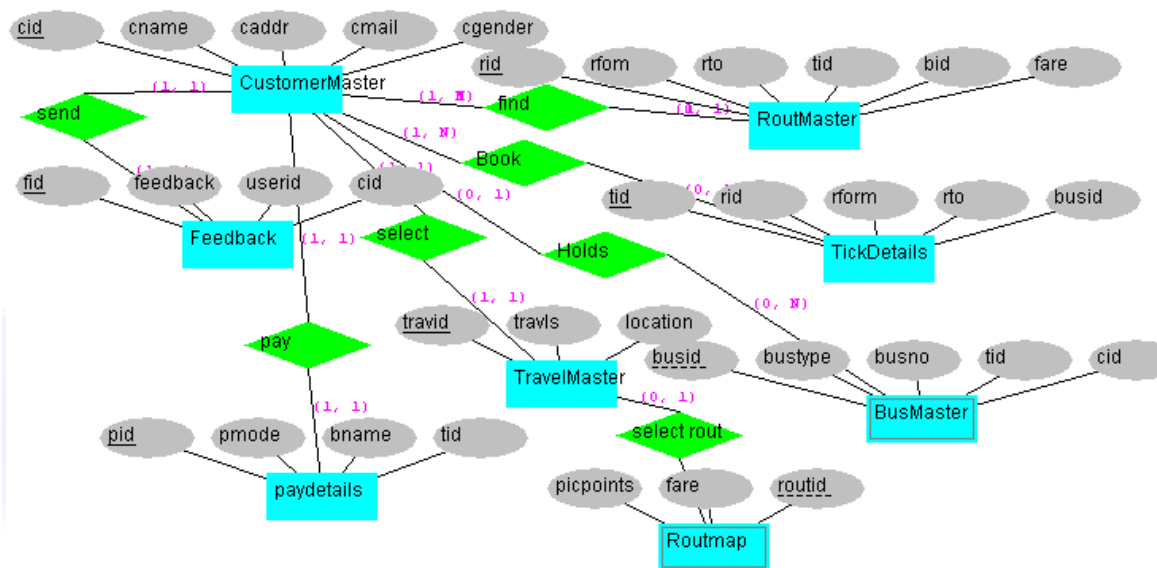
This layer comprises of the Database Components such as DB Files, Tables, Views, etc. The Actual database could be created using SQL Server, Oracle, Flat files, etc. In an n-tier application, the entire application can be implemented in such a way that it is independent of the actual Database. For instance, you could change the Database Location with minimal changes to Data Access Layer. The rest of the Application should remain unaffected.

5.DESIGN

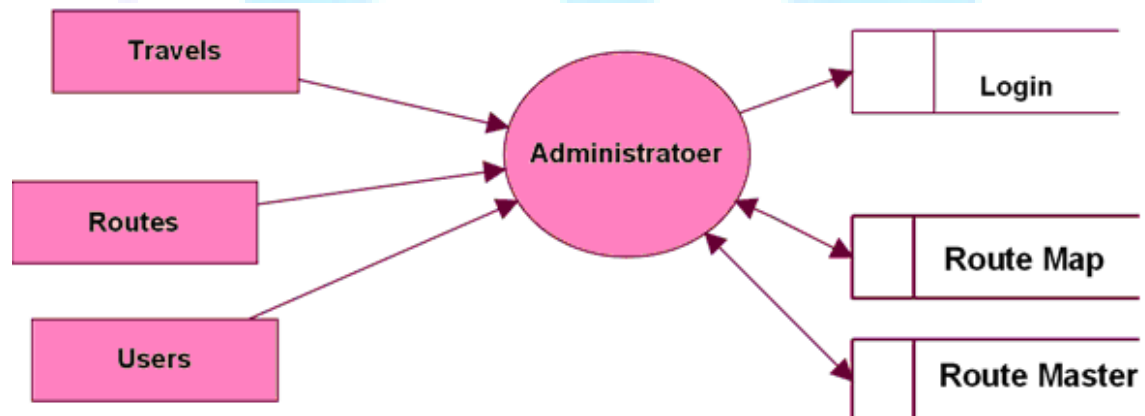
DATA FLOW DIAGRAM:



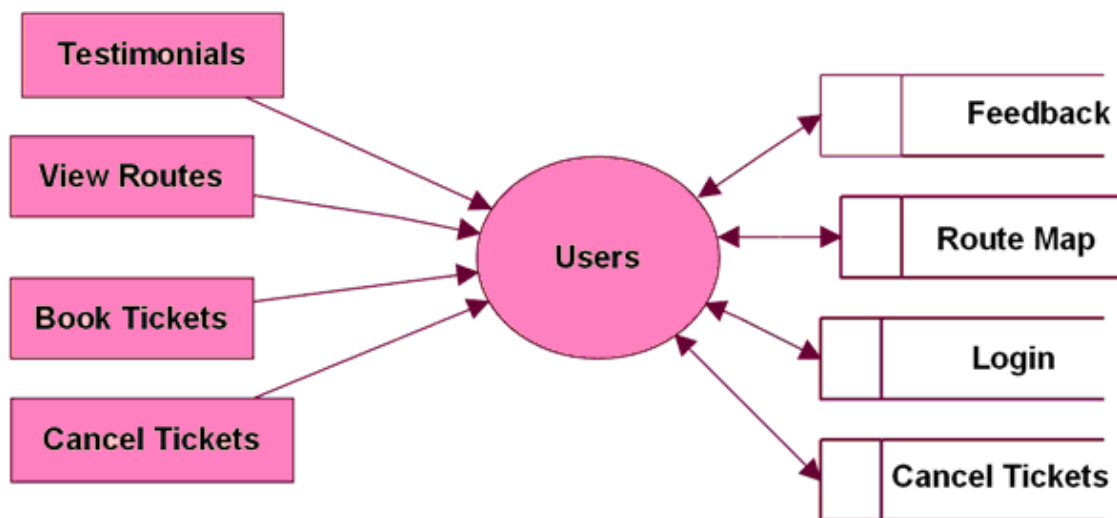
ER-Diagram:



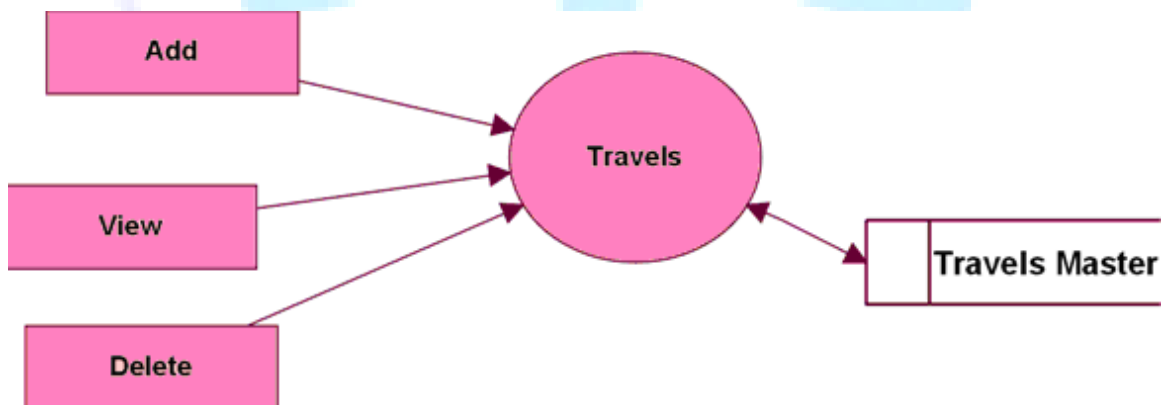
Level 1 DFD for Administrator:



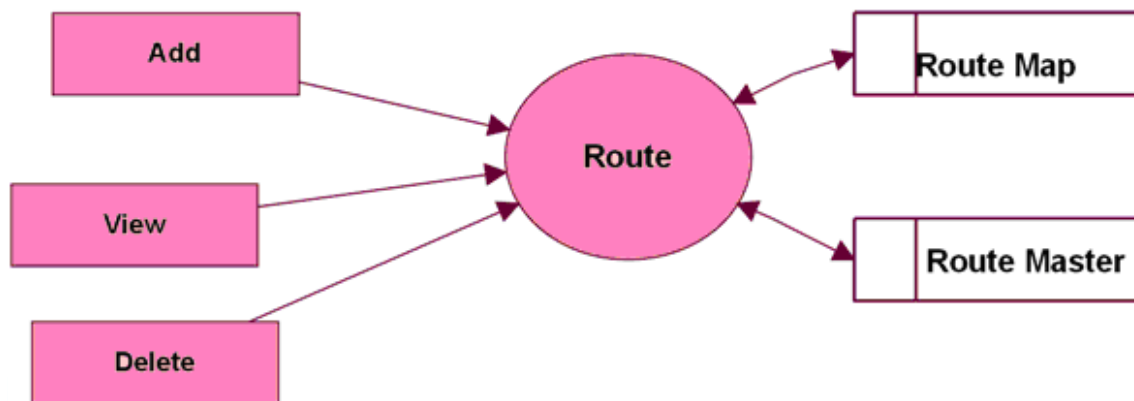
Level 1 DFD for Users:



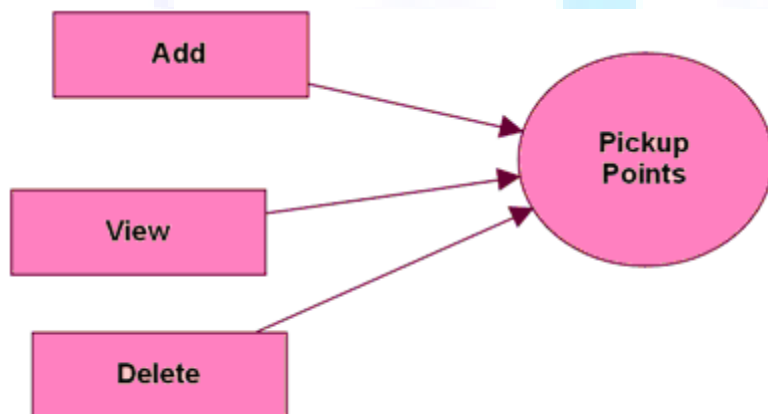
Level 2 DFD for Travels:



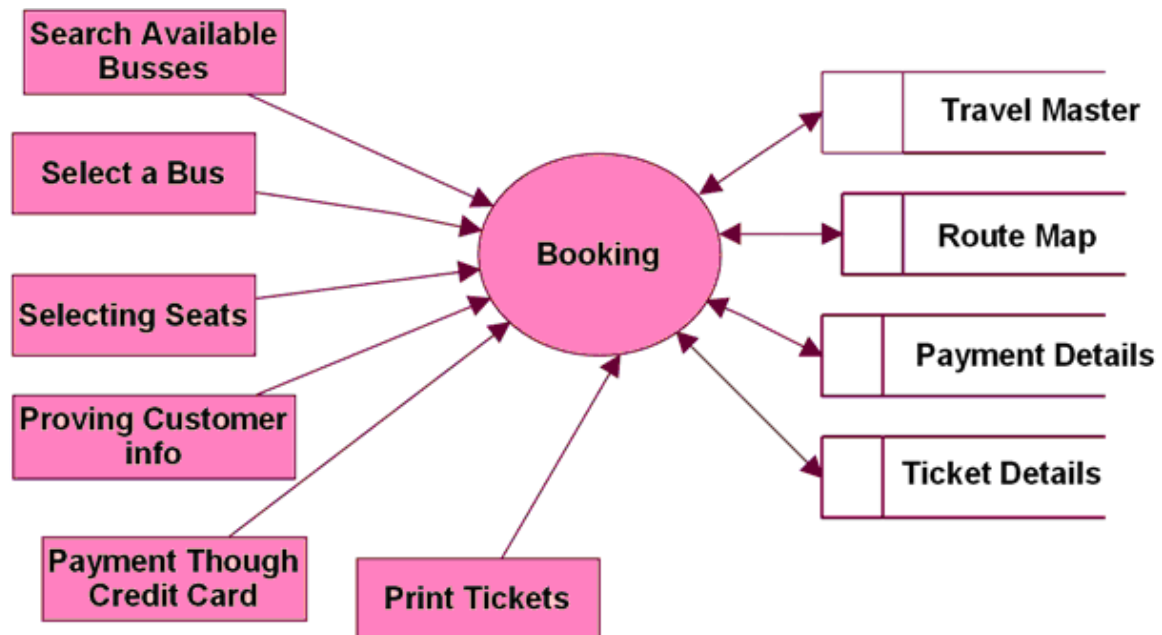
Level 2 DFD for Routes:



Level 2 DFD for Pickup Points:



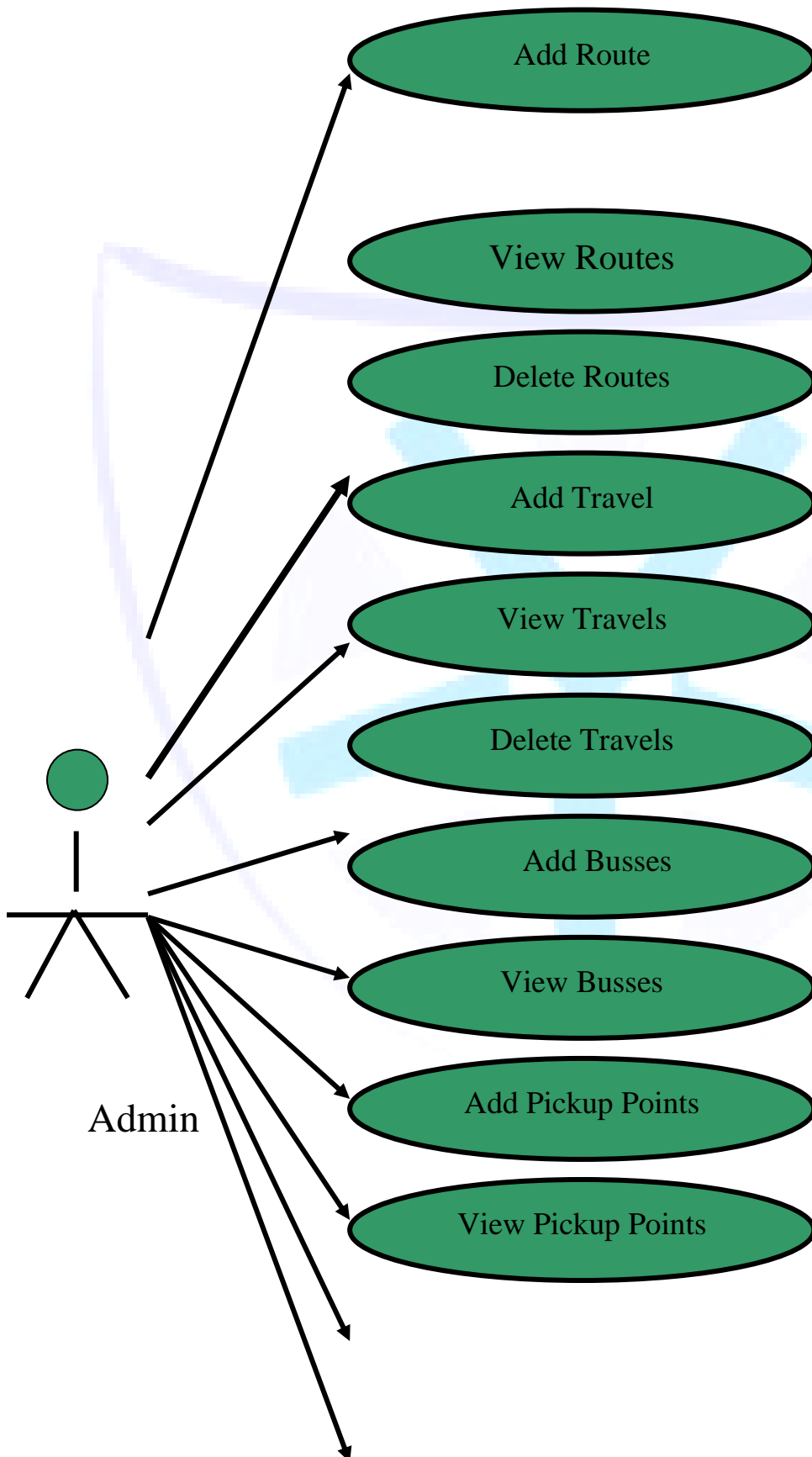
Level 2 DFD for Booking Modules:

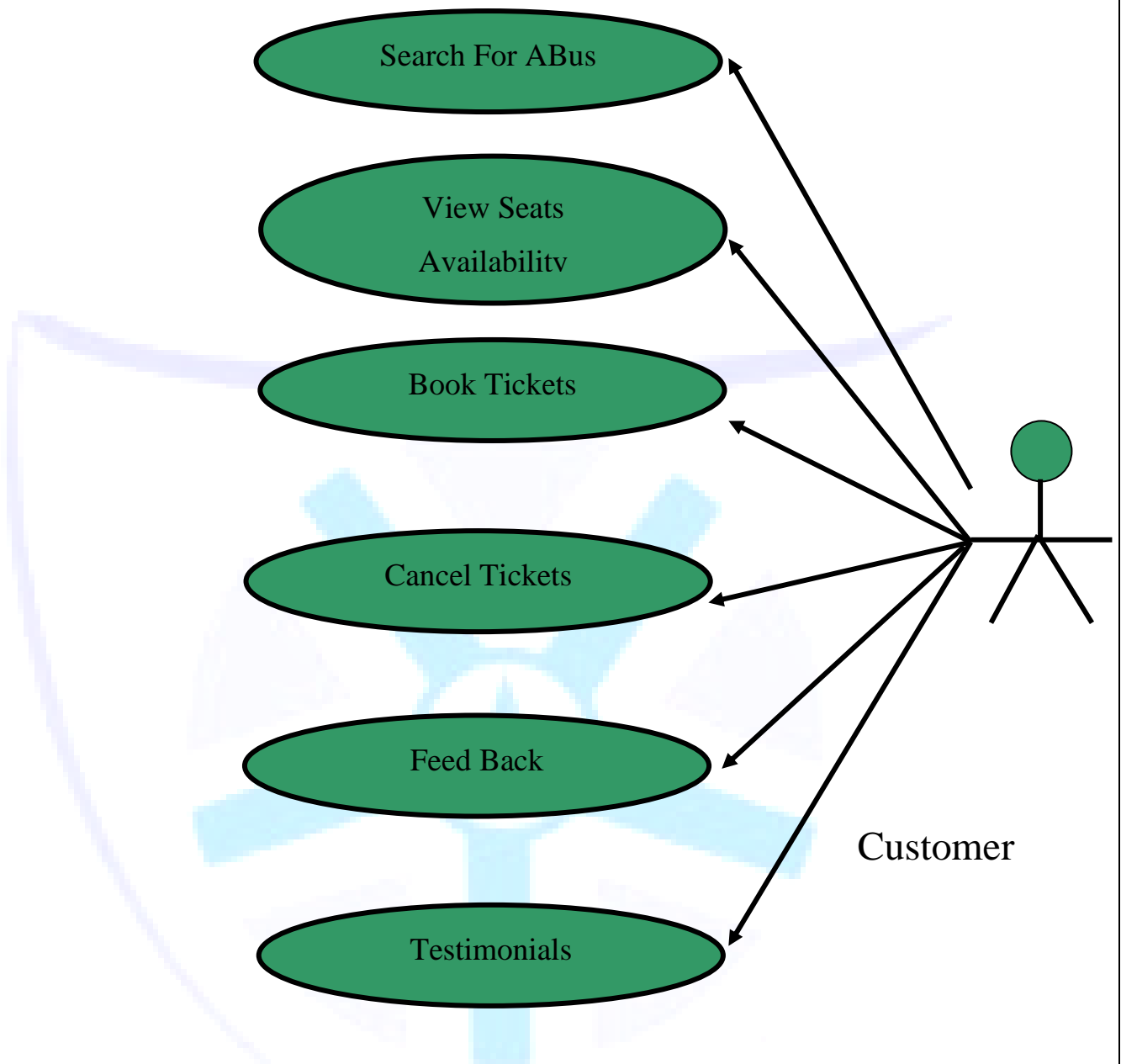


Level 3 DFD for Testimonial:

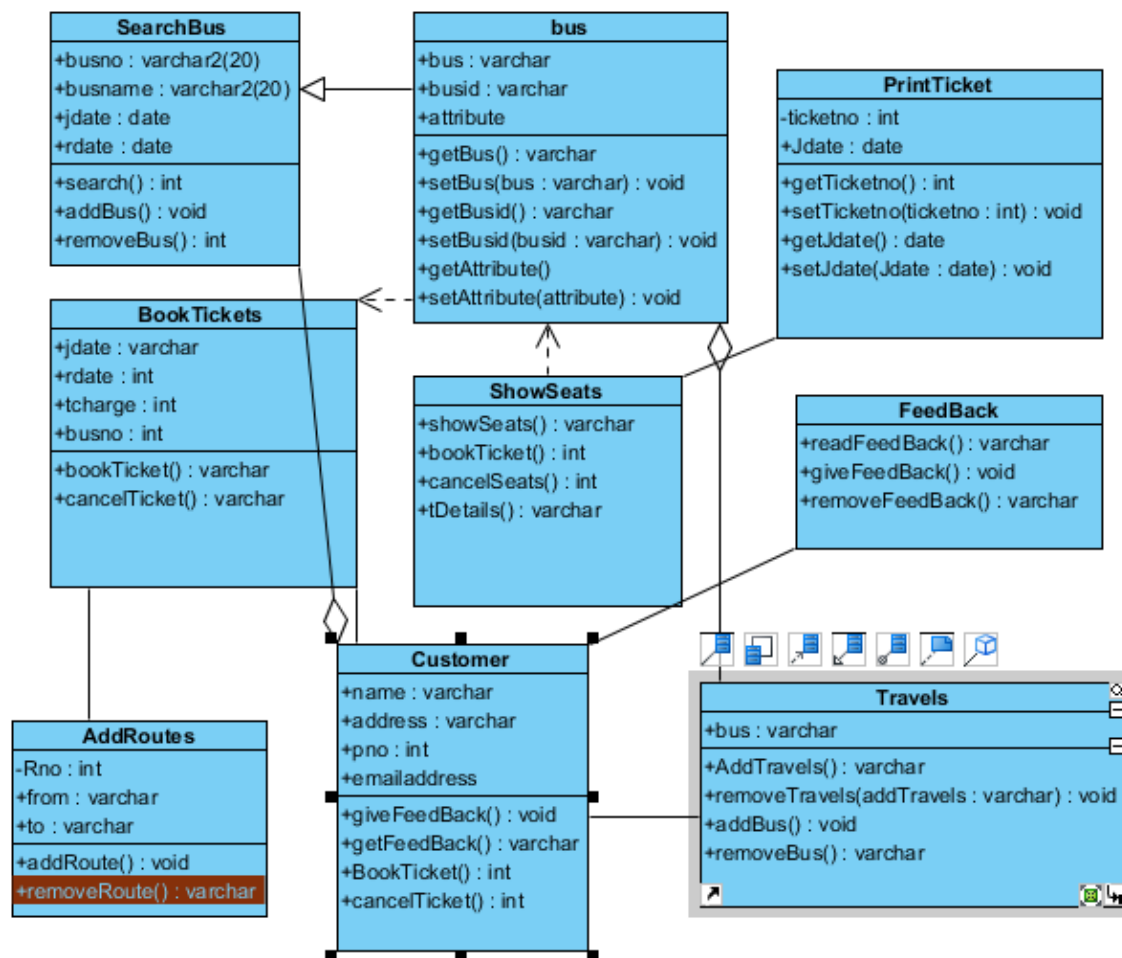



Use case Diagram:





Backend Diagrams:





Travel Management System

23/10/2017

| | | | | |
|--|---|--|---|--|
| Firstname Johnny Surname Joshua Address I9 Irrua Ishan Post Code 27RR Telephone 0868488744 Email johnny@gmail.com | Departure Gatwick Destination Nigeria - 5 Days in Lagos Accommodation Single <input checked="" type="checkbox"/> Airport Tax <input checked="" type="checkbox"/> Air Miles Over 20000 <input checked="" type="checkbox"/> Travel Insurance <input checked="" type="checkbox"/> Ext Luggage | Flight <input type="radio"/> Standard <input type="checkbox"/> Single <input checked="" type="checkbox"/> Adult <input type="radio"/> Economy <input type="checkbox"/> Return <input type="checkbox"/> Child <input checked="" type="radio"/> First Class <input type="checkbox"/> Special Needs | Ticket Subtotal £630.90 Tax £157.73 Total £788.63 <input type="button" value="Total"/> <input type="button" value="Reset"/> | Receipt 18:26:58 Travel Management System: Ref: 21084 Name: Johnny Surname: J Johnson Address: I9 Irrua Ishan Postcode: 27RR Telephone: 0868488744 Destination: Nigeria - 5 Days in Lagos Tax: £157.73 Sub Total: £630.90 Total: £788.63 23/10/2017 18:25:38 Thanks for Using Travel Management System <input type="button" value="Receipt"/> <input type="button" value="Exit"/> |
|--|---|--|---|--|

6. IMPLEMENTATION

Database source code:-

```
drop database if exists ttms;  
create database ttms;  
USE `ttms`;
```

```
CREATE TABLE `a` (  
  `a` binary(1) default NULL  
);
```

```
insert into `a`(`a`) values ('f');
```

```
CREATE TABLE `busmaster` (  
  `BusId` varchar(20) NOT NULL default "",  
  `BusType` varchar(50) default NULL,  
  `BusNumber` varchar(20) default NULL,  
  `Capacity` int(3) default '0',  
  `TravelsId` varchar(20) default NULL  
);  
insert into  
`busmaster`(`BusId`,`BusType`,`BusNumber`,`Capacity`,`TravelsId`) values  
('B3','Sleeper','AP 12 222',40,'T2'),('B4','Sleeper','AP  
1900',40,'T3'),('B5','AC','AP 34322',40,'T3'),('B6','AC','AP  
1981',40,'T2'),('B1','NonAC','1',40,'T2');
```

```
CREATE TABLE `customermaster` (  
  `CustomerId` varchar(20) NOT NULL default "",  
  `CustomerName` varchar(80) NOT NULL default "",  
  `PhoneNumber` varchar(20) default NULL,  
  `Address` tinytext NOT NULL,  
  `Location` varchar(80) NOT NULL default "",  
  `email` varchar(80) default NULL,  
  `Gender` varchar(10) default NULL  
);
```

```
insert into  
`customermaster`(`CustomerId`,`CustomerName`,`PhoneNumber`,`A  
ddress`,`Location`,`email`,`Gender`) values
```

```
(('C2','srinivas','9999999999','Ameerpet','Hyderabad','kalyan@gmail.com','Male'),
('C3','Raj','9909909900','Dilshuknagar','Hyderabad','Raj001@yahoo.com','Male'),
('C4','Rani','9440944000','Ranigunz','Hyderabad','Rani07@gmail.com','Female'),
('C5','Rahul','9999999999','Bangalore','Hyderabad','RahulM@rediff.com','Male'),
('C6','Suresh','9999999990','Gachibowli','Hyderabad','Suresh@zapakmail.com','Male'));
```

```
CREATE TABLE `feedback` (
  `Fid` int(10) NOT NULL auto_increment,
  `UserID` varchar(100) default NULL,
  `Feedback` text,
  `DateSubmitted` date default NULL,
  PRIMARY KEY (`Fid`)
);
```

```
insert into `feedback`(`Fid`,`UserID`,`Feedback`,`DateSubmitted`) values
(1,'kalyanss@rediffmail.com','Hi, Portal is good. Services of Ganga Travels is too good.Thanks','2007-11-19'),(2,'Rajesh@gmail.com','Good website. Services are superb. ','2007-11-19'),(3,'RajuSriv@Zapakmail.com','One stop shop for booking bus tickets online anywhere in India.','2007-11-19'),(7,'raj@raj.co.in','Good site..worth of it','2007-11-19'),(8,'s.varaasad@yahoo.co.in','Nice n excellent facilities.','2008-11-23'),(10,'varaop@yahoo.co.in','Best site 4 reserving bus tickets.','2008-11-25'),(11,'kumar','it is easy nice service from ur sidepls provide some more routes','2009-02-18'),(12,'SAI@GMAIL.COM','GOOD','2009-02-26'),(13,'srujan@gmail.com','nice','2009-02-26');
```

```
CREATE TABLE `login` (
  `userid` varchar(20) NOT NULL default "",
  `password` varchar(20) NOT NULL default "",
  `auth` int(5) default NULL,
  PRIMARY KEY (`userid`)
);
```

```
insert into `login`(`userid`,`password`,`auth`) values
('admin','admin',0),('vara','sai',0);
```

```
CREATE TABLE `paymentdetails` (
  `PaymentId` varchar(20) default NULL,
  `CustomerId` varchar(20) default NULL,
  `PaymentMode` varchar(25) default NULL,
  `BankName` varchar(30) default NULL,
  `CardNo` varchar(25) default NULL,
```

```

`NetAmount` int(10) default NULL,
`PaymentStatus` varchar(20) default NULL,
`TicketId` varchar(20) default NULL
);

```

insert into

```

`paymentdetails`(`PaymentId`,`CustomerId`,`PaymentMode`,`BankName`,`Car
dNo`,`NetAmount`,`PaymentStatus`,`TicketId`) values
('P1','C5','Credit','ICICI','4565456456454565',2600,'Made','"),('P2','C6','Credit','I
CICI','9909990999099909',1950,'Made','T-
8'),('P1','C1','Credit','Axis','1234567890123456',350,'Made','T-
3'),('P1','C1','Credit','sbi','1234567890123456',450,'Made','T-
1'),('P1','C1','Credit','sbi','1234567890123456',450,'Made','T-
1'),('P1','C1','Credit','SBI','1234567890987634',700,'Made','T-9');

```

```

CREATE TABLE `routemap` (
  `RouteId` varchar(20) NOT NULL default "",
  `PickupPoint` varchar(50) NOT NULL default "",
  `Fare` int(3) default '0',
  PRIMARY KEY (`RouteId`,`PickupPoint`)
);

```

```

insert into `routemap`(`RouteId`,`PickupPoint`,`Fare`) values
('R1','Ameerpet',0),('R1','KPHB',0),('R1','Panjagutta',0),('R2','Ameerpet',0),('R2',
'KPHB',0),('R2','Panjagutta',0),('R3','kukatpally',0),('R9','ECIL',0),('R9','MGBS',
0),('R9','MGBS1',0),('R9','sdf',0),('R9','sdf1',0),('R5','tnagar',0),('R2','sr.
ngr.',0),('R3','ameerpet',0),('R1','lb ngr',0);

```

```

CREATE TABLE `routemaster` (
  `RouteId` varchar(20) NOT NULL default "",
  `rFrom` varchar(50) NOT NULL default "",
  `rTo` varchar(50) NOT NULL default "",
  `TravelsId` varchar(20) NOT NULL default "",
  `BusId` varchar(20) NOT NULL default "",
  `Departure` time default NULL,
  `Arrival` time default NULL,
  `Fare` int(10) NOT NULL default '0',
  `JDate` date default NULL,
  `Availability` int(3) default NULL
);

```

insert into

```
`routemaster`(`RouteId`,`rFrom`,`rTo`,`TravelsId`,`BusId`,`Departure`,`Arrival`,  
`Fare`,`JDate`,`Availability`) values  
(('R2','Hyderabad','Bangalore','T2','B3','21:00:00','09:00:00',600,'2008-11-  
27',37),('R3','Hyderabad','Pune','T3','B3','21:00:00','09:00:00',600,'2008-11-  
27',40),('R4','Hyderabad','Chennai','T1','B1','19:00:00','08:00:00',450,'2008-11-  
27',40),('R5','Hyderabad','Chennai','T1','B2','18:00:00','19:00:00',450,'2008-11-  
27',40),('R6','Hyderabad','Nellore','T2','B3','08:00:00','08:30:00',600,'2008-11-  
27',40),('R7','Hyderabad','Ongole','T2','B3','11:00:00','19:00:00',234,'2008-11-  
27',40),('R8','Hyderabad','Ongole','T2','B3','11:00:00','19:00:00',234,'2008-11-  
27',40),('R1','Hyderabad','Nellore','T2','B1','11:00:00','23:00:00',350,'2009-07-  
25',37);
```

```
CREATE TABLE `ticketdetails` (  
  `TicketId` varchar(20) NOT NULL default "",  
  `RouteId` varchar(20) NOT NULL default "",  
  `CustomerId` varchar(20) NOT NULL default "",  
  `rFrom` varchar(50) default NULL,  
  `rTo` varchar(50) default NULL,  
  `JourneyDate` date NOT NULL default '0000-00-00',  
  `StartTime` time default NULL,  
  `ReachTime` time default NULL,  
  `Seats` varchar(255) default NULL,  
  `BoardingPoint` varchar(50) default NULL,  
  `NetAmount` int(10) default NULL,  
  `Status` varchar(20) default NULL,  
  `PaymentId` varchar(20) default NULL,  
  `BusId` varchar(20) default NULL,  
  PRIMARY KEY (`TicketId`)  
);
```

insert into

```
`ticketdetails`(`TicketId`,`RouteId`,`CustomerId`,`rFrom`,`rTo`,`JourneyDate`,`  
StartTime`,`ReachTime`,`Seats`,`BoardingPoint`,`NetAmount`,`Status`,`Payme  
ntId`,`BusId`) values ('T-3','R1','C1','Hyderabad','Nellore','2009-07-  
25','11:00:00','23:00:00','A6','Ameerpet',350,'Booked','P1','B1');
```

```
CREATE TABLE `travelsmaster` (  
  `TravelsId` varchar(20) NOT NULL default "",  
  `Travels` varchar(80) default NULL,  
  `Location` varchar(80) default NULL,  
  `Address` tinytext,  
  `AgentName` varchar(80) default NULL,  
  `PhoneNumber` varchar(20) default NULL,
```

```
PRIMARY KEY (`TravelsId`)  
);
```

insert into

```
`travelsmaster`(`TravelsId`,`Travels`,`Location`,`Address`,`AgentName`,`Phone  
Number`) values ('T2','Raj  
Travels','Bangalore','Koramangala,Bangalore','Srinivas','9290000000'),('T3','Pra  
n Travels','Hyderabad','Lower  
Tankbund','Pravan','9898000000'),('T1','kesineni','Hyderabad','ameerpet,  
hyd','kesi reddy','9800000000'),('T4','sai','Hyderabad','ap,  
hyd','sai','9000000000');
```

JAVA SOURCE CODE:

Add bus:-

```
<% @ page language="java" %>  
<% @ page session="true" %>  
<% @ page import="java.sql.*,java.io.*,java.util.Random"%>  
<%String TravelsId=request.getParameter("TravelsId");%>  
  
<HTML>  
  <HEAD>  
  
    <script LANGUAGE="Javascript" SRC="Images/validate.js"></script>  
  
    <LINK href="styles.css" type="text/css" rel="stylesheet">  
    <script LANGUAGE="Javascript" SRC="Images/calender.js"></script>  
    <script LANGUAGE="Javascript" >  
      function ChkMandatoryField(F,T){  
        var val= F.value;  
        if(val==""){alert(T+" is mandatory");return false;}  
      }  
      function ChkNumField(F,T){  
        var val = F.value;  
        if(isNaN(val)==true||val==""){alert("Please enter  
numbers for "+T);return false;}  
      }  
      function ChkAlphaNumericField(F,T){  
        var val = F.value;  
        var pattern = /^[a-zA-Z0-9]{1,250}$/;  
        if(!(pattern.test(val)==true)){alert("Please enter  
alphabets or numbers for "+T);return false;}  
      }
```



```

function ChkAlphaField(F,T){
    var val = F.value;
    var pattern = /^[a-zA-Z ]{1,250}$/;
    if(!(pattern.test(val)==true)){alert("Please enter text for
"+T);return false;}
}
function ChkEmailField(F,T){
    var val = F.value;
    var pattern = /^[a-zA-Z0-9\_\.\.]{4,25}$/;
    if(!(pattern.test(val)==true)){alert("Please enter valid
email for "+T);return false;}
}
function ChkDateField(F,T)
{
    var val = F.value;
    var pattern = /^[0-9]{4}-[0-9]{2}-[0-9]{2}$/;
    if(!(pattern.test(val)==true)){alert("Please enter valid date
format (yyyy-mm-dd) for "+T);return false;}
}
function validate()
{
    var frm = document.forms(0);

    if(ChkMandatoryField(frm.BusType,'BusType')==false) return false;

    if(ChkMandatoryField(frm.BusNumber,'BusNumber')==false) return
false;

    if(ChkMandatoryField(frm.Capacity,'Capacity')==false) return false;
    if(ChkNumField(frm.Capacity,'Capacity')==false)
return false;

    if(ChkMandatoryField(frm.TravelsId,'TravelsId')==false) return false;
}
</script>
</HEAD>
<Body class=SC>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Add
Bus</FONT></B>
<HR>
<%
Integer IAuth =(Integer)session.getAttribute("auth");
int auth=-1;
if(IAuth!=null){ auth= IAuth.intValue();}

```



```

        System.out.println("===Authentication==="+auth);
        if(auth!=0){
            %><P align=center><IMG SRC="Images/error.gif"
WIDTH="17" HEIGHT="13" BORDER="0" ALT=""><B><FONT
COLOR="red">You are not authorized to access this
page</FONT></B></P><%
        }
        else{
            %>

<FORM ACTION="AddBus1.jsp" onsubmit="return validate()">

<center>
<TABLE BORDER="0" CELLSPACING="2" CELLPADDING="2" >
    <TR class=row_title ALIGN="center">
        <TH COLSPAN="2"> Add Bus Details</TH>

        <tr class="row_odd">
            <td>BusType<FONT COLOR="red">*</FONT></td>
            <td><SELECT NAME="BusType"
class="ListBox">
                <option value="">---</option>
                <option value="AC">AC</option>
                <option value="NonAC">Non-AC</option>
                <option value="Sleeper">Sleeper</option>
            </select>
            </td>
        </tr>
        <tr class="row_even">
            <td>BusNumber<FONT
COLOR="red">*</FONT></td>
            <TD><Input type=text name='BusNumber'
value=""></TD>
        </TR>
        <Input type=hidden name='Capacity' value='40'>

        <tr class="row_odd">
            <td>TravelsId<FONT
COLOR="red">*</FONT></td>
            <TD><Input type=text name="TravelsId"
value='<%=TravelsId%>' readonly></TD>
        </TR>
        <TR><TH><INPUT TYPE="submit"
value='Submit'></TH><TH><INPUT TYPE="reset"
value='Clear'></TH></TR>

```

```

        </TABLE>
        <H6 align=center>Fields with <FONT SIZE=""
COLOR="red">*</FONT> are mandatory </H6>
        </FORM>
        </BODY>

<% }%>

```

Add new user:-

```

    <% @ page language="java" %>
    <% @ page session="true" %>
    <% @ page import="java.util.*" %>

    <HTML>
    <head>
        <LINK href="styles.css" type="text/css" rel="stylesheet">
    </head>
    <SCRIPT LANGUAGE="JavaScript">
    <!--
    history.go(+1);
    function validate(){
    x = document.NewUser.uid;
    y = document.NewUser.pwd;
    z = document.NewUser.auth;
    var ed=x.value;
    var pd=y.value;
    var ad=z.value;
    var pattern = /^[a-zA-Z0-9_\.\ ]{4,8})$/;
    var Apattern = /^[0-3]{1})$/;
    if(!(pattern.test(ed))){
        alert("Invalid username");
        return false;
    }
    else if(!(pattern.test(pd))){
        alert("Invalid password");
        return false;
    }
    else if(!(Apattern.test(ad))){
        alert("Invalid Authentication");
        return false;
    }
    else
        return true;

```

```

}
//-->
</SCRIPT>
<body Class=Grad>

<center>

<BR><BR><br><br>
<FONT FACE="Century Gothic">

<FONT size="2" color="blue" FACE="Century Gothic">

<FORM NAME="NewUser" ACTION="AddNewUser1.jsp"
METHOD="POST" onsubmit="return validate()">

<TABLE Border=0 align=center>
<TR class=row_title ALIGN="center">
    <TH COLSPAN="2"> Add user</TH>
</TR>

<TR class=row_even>
    <TD>Userid * </TD>
    <TD><input TYPE=text name=uid size="8" maxlength="8"></TD>
</TR>
<TR class=row_odd>
    <TD>Password * </TD>
    <TD><input TYPE=password name=pwd size="8"
maxlength="8"></TD>
</TR>
<TD><input type=hidden name=auth value=3>
<TR class=row_even>
    <TD><INPUT TYPE=submit name=submit value="Submit">
</TD>
    <TD><INPUT TYPE=reset name=resett value="Reset" >
</TD>
</TR>
</TABLE>

</FORM>
</BODY>

```

</HTML>

Add new user 1:-

<HTML>

```
<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,java.util.Random"%>
<head>
<LINK href="styles.css" type="text/css" rel="stylesheet">
<SCRIPT LANGUAGE="JavaScript">
<!--
history.go(+1);

//-->
</SCRIPT>
</head>

<body Class=SC>
<center>

<BR><BR>
<FONT FACE="Century Gothic">

<!--Declaration of variables-->

<%! String errormsg ;%>
<%! String disluserid ;%>
<%! String dislpwd ;%>
<%! int auth ;%>

<%
/*Retreiving user id and password*/

disluserid = request.getParameter("uid");
if(disluserid == null)
disluserid = "";
dislpwd = request.getParameter("pwd");
if(dislpwd == null)
dislpwd = "";
String sauth = request.getParameter("auth");
if(sauth == null)
auth=0;
```



```

<%
}
else{
String UpdateQuery =
"Insert into Login values(\"'+disluserid+'\", \"'+dislpwd+'\", \"'+auth+'");
//System.out.println(UpdateQuery);
    int rowsAffected=stmt.executeUpdate(UpdateQuery);
    //System.out.println("Rows Affected = " + rowsAffected);
if(rowsAffected==1)
    {%>

        <script>
            for(i=1;i<=10;i++) document.write("<br>");
        </script>
        <H3 align="center">User Created Successfully </H3>
        <BR>
        <jsp:forward page="Validate.jsp">
            <jsp:param name="user_id" value="<%=disluserid%>" />
            <jsp:param name="pass_word"
value="<%=dislpwd%>" />

        </jsp:forward>
        <% }
/* If user provides invalid password or username*/
else{ %>
    <script>
        for(i=1;i<=6;i++) document.write("<br>");
    </script>
    <H3 align="center">Unable to create user please try again
</H3>
    <BR>
    <center>
        <A href="AddNewUser.jsp"> Back </A>
    </center>

<%
}
}
%>

<FONT size="2" color="blue" FACE="Century Gothic">

</BODY>
</HTML>

```

Add pickup point 0:-

```
<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,java.util.Random"%>
<%
    String RouteId=request.getParameter("RouteId");
    System.out.println("RID-->" +RouteId);
%>
<HTML>
<HEAD>

<script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

<LINK href="styles.css" type="text/css" rel="stylesheet">
<script LANGUAGE="Javascript" SRC="Images/calender.js"></script>
<script LANGUAGE="Javascript" >
    function ChkMandatoryField(F,T){
        var val= F.value;
        if(val==""){alert(T+" is mandatory");return false;}
    }
    function ChkNumField(F,T){
        var val = F.value;
        if(isNaN(val)==true||val==""){alert("Please enter
numbers for "+T);return false;}
    }
    function ChkAlphaNumericField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z0-9]{1,250}$/;
        if(!(pattern.test(val)==true)){alert("Please enter
alphabets or numbers for "+T);return false;}
    }
    function ChkAlphaField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z ]{1,250}$/;
        if(!(pattern.test(val)==true)){alert("Please enter text for
"+T);return false;}
    }
    function ChkEmailField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z0-9\_\.]{4,25}$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid
email for "+T);return false;}
    }
}
```

```

    }
    function ChkDateField(F,T)
    {
        var val = F.value;
        var pattern = /^[0-9]{4}-[0-9]{2}-[0-9]{2}$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid date
format (yyyy-mm-dd) for "+T);return false;}
    }
    function validate()
    {
        var frm = document.forms(0);
        if(ChkMandatoryField(frm.RouteId,'RouteId')==false)
return false;

        if(ChkMandatoryField(frm.PickupPoint,'PickupPoint')==false) return
false;
    }
</script>
</HEAD>
<Body class=SC>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Add PickUp
Points</FONT></B>
<HR>
    <FORM ACTION="AddPickuppoint1.jsp" onsubmit="return
validate()">
        <center>
            <TABLE BORDER="0" CELLSPACING="2" CELLPADDING="2" >
                <TR class=row_title ALIGN="center">
                    <TH COLSPAN="2"> Add PickUp Points</TH>
                <tr class="row_odd">
                    <td><th>RouteId<FONT
COLOR="red">*</FONT></TH>
                        <TD><Input type=text name='RouteId'
value='<%=RouteId%>' readonly></TD>
                    </TR>
                    <tr class="row_odd">
                        <td><th>PickupPoint<FONT
COLOR="red">*</FONT></TH>
                            <TD><Input type=text name='PickupPoint'
value=" "></TD>
                        </TR>
                            <TR><TH><INPUT TYPE="submit"
value='Submit'></TH><TH><INPUT TYPE="reset"
value='Clear'></TH></TR>

```



```

</TABLE>
<H6 align=center>Fields with <FONT SIZE=""
COLOR="red">*</FONT> are mandatory </H6>
</FORM>
</BODY>

```

Add pickup point 1:-

```

<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,java.util.Random"%>

<HEAD>

    <script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

    <LINK href="styles.css" type="text/css" rel="stylesheet">

</HEAD>
<BODY class=SC>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Add PickUp
Points</FONT></B>
<HR>

<%

    Connection con=null;
    ResultSet rs=null;
    Statement stmt=null;
    String RouteId = request.getParameter("RouteId");
    String PickupPoint = request.getParameter("PickupPoint");
    int Fare =0;
    try{

        con = com.ewheelz.ConnectionPool.getConnection();
        stmt = con.createStatement();

        String Query = "Insert into routemap
values('"+RouteId+"','"+PickupPoint+"','"+Fare+"')";
        int result = stmt.executeUpdate(Query);
        if( result > 0)    {

```

```

                                %><P align=center><B><Font face="Georgia"
color="Green">Pickup point added Successfully</Font></B></P>
                                <center>
                                <A href="" onclick="window.close()"> Close </A>
                                </center>
                                <%
                                }
                                else{
                                %><P align=center><B><Font face="Georgia"
color="Red">Error: Please try again</Font></B></P><%
                                }
                                stmt.close();
                                con.close();
                                }catch(Exception e){
                                stmt.close();
                                con.close();
                                %><%=e%><%
                                }

%>
</BODY>

```

Add route0:-

```

<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,com.ewheelz.MyFunctions"%>

<HTML>
<HEAD>

<script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

<LINK href="styles.css" type="text/css" rel="stylesheet">
<script LANGUAGE="Javascript" SRC="Images/calender.js"></script>
<script LANGUAGE="Javascript" >
    function ChkMandatoryField(F,T){
        var val= F.value;
        if(val==""){alert(T+" is mandatory");return false;}
    }
    function ChkNumField(F,T){
        var val = F.value;
        if(isNaN(val)==true||val==""){alert("Please enter
numbers for "+T);return false;}

```

```

    }
    function ChkAlphaNumericField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z0-9]{1,250}$/;
        if(!(pattern.test(val)==true)){alert("Please enter
alphabets or numbers for "+T);return false;}
    }
    function ChkAlphaField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z ]{1,250}$/;
        if(!(pattern.test(val)==true)){alert("Please enter text for
"+T);return false;}
    }
    function ChkDateField(F,T)
    {
        var val = F.value;
        var pattern = /^[0-9]{4}-[0-9]{2}-[0-9]{2}$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid date
format (yyyy-mm-dd) for "+T);return false;}
    }
    function ChkDestField(F,T){
        var f = document.forms(0);
        var rFrom =
f.rFrom.options[f.rFrom.options.selectedIndex].text;
        //alert(rFrom);

        var rTo = f.rTo.options[f.rTo.options.selectedIndex].text;
        //alert(rTo);
        if(rFrom==rTo){
            alert("From and To can not be same. Please select
different places");
            f.rTo.focus();
            return false;
        }
    }
}
function ChkJDateField(F,T){
    var f = document.forms(0);
    var JDate = f.JDate.value;
    //alert(JDate);
    if(JDate=="") {alert("Journey date is
mandatory");f.JDate.focus();return false;}
    if(validatePastDate(f.JDate)==false){
        alert("Past date is not allowed. Please select another
date");
    }
}

```

```

        f.JDate.focus();return false;
    }
}

function validate()
{
    var frm = document.forms(0);
    if(ChkMandatoryField(frm.rFrom,'From')==false)
return false;
    if(ChkMandatoryField(frm.rTo,'To')==false) return
false;
    if(ChkDestField(frm.rTo,'To')==false) return false;
    if(ChkMandatoryField(frm.TravelsId,'Travels
Id')==false) return false;
    if(ChkMandatoryField(frm.BusId,'Bus Id')==false)
return false;

    if(ChkMandatoryField(frm.Departure,'Departure')==false) return false;
    if(validateTime(frm.Departure)==false) return false;
    if(ChkMandatoryField(frm.Arrival,'Arrival')==false)
return false;

    if(validateTime(frm.Arrival)==false) return false;
    if(ChkMandatoryField(frm.Fare,'Fare')==false) return
false;

    if(ChkNumField(frm.Fare,'Fare')==false) return false;
    if(ChkMandatoryField(frm.JDate,'Date')==false) return
false;

    if(ChkJDateField(frm.JDate,'Date')==false) return
false;

    if(ChkDateField(frm.JDate,'Date')==false) return false;
}
function fnBusDetails()
{
    var frm = document.forms(0);
    var TravelsId = frm.TravelsId.value;
    if (TravelsId=="")
    {
        alert("Please Enter TravelsId to Proceed");
    }else
        { var URL =
"ShowBuses.jsp?TravelsId="+TravelsId;
        fnEmpPopUp(URL,300,400);
        }
}
}
</script>

```

```

</HEAD>
<Body class=SC>

<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Add Route</FONT></B>
<HR>
<%
    Integer IAuth =(Integer)session.getAttribute("auth");
    int auth=-1;
    if(IAuth!=null){ auth= IAuth.intValue();}
    System.out.println("===Authentication==="+auth);
if(auth!=0){
    %><P align=center><IMG SRC="Images/error.gif" WIDTH="17"
HEIGHT="13" BORDER="0" ALT=""><B><FONT COLOR="red">You are
not authorized to access this page</FONT></B></P><%
}
else{
%>
<FORM ACTION="AddRoute1.jsp" onsubmit="return validate()">
    <center>
    <TABLE BORDER="0" CELLSPACING="2" CELLPADDING="2" >
        <TR class=row_title ALIGN="center">
            <TH COLSPAN="2"> Add New Route </TH>
            <tr class="row_odd">
                <td>From</td>
                <td><SELECT NAME="rFrom" class="ListBox">
                    <option value="A.S.Peta">A.S.Peta</option>
                    <option
value="Ahmedabad">Ahmedabad</option>
                    <option
value="Amalapuram">Amalapuram</option>
                    <option value="Ambaji">Ambaji
</option>
                    <option
value="Anakapalli">Anakapalli</option>
                    <option
value="Anantapur">Anantapur</option>
                    <option
value="Annaram">Annaram</option>
                    <option value="Atmakur">Atmakur</option>
                    <option value="Aurangabad">Aurangabad
</option>
                    <option
value="Bangalore">Bangalore</option>
                    <option value="Bapatla">Bapatla</option>

```

```

</option>
<option value="Bhopal">Bhopal</option>
<option value="Bhuj">Bhuj</option>
<option value="Chandigarh">Chandigarh
</option>
<option value="Chennai">Chennai</option>
<option
value="Chilakaluripet">Chilakaluripet</option>
<option value="Chirala">Chirala</option>
<option value="Cochin">Cochin</option>
<option value="Delhi">Delhi</option>
<option
value="Devarpalli">Devarpalli</option>
<option value="Gandhidham">Gandhidham
</option>
<option value="Goa">Goa</option>
<option
value="Gokavaram">Gokavaram</option>
<option value="Guduru">Guduru</option>
<option value="Guntur">Guntur</option>
<option value="Hubli">Hubli</option>
<option selected="selected"
value="Hyderabad">Hyderabad</option>
<option value="Indore">Indore </option>
<option value="Inkollu">Inkollu</option>
<option
value="Jaggampet">Jaggampet</option>
<option value="Jaipur">Jaipur</option>
<option value="Jammu">Jammu</option>
<option value="Jamnagar">Jamnagar
</option>
<option value="Jangareddy
Gudem">Jangareddy Gudem</option>
<option value="Kadapa">Kadapa</option>
<option value="Kakinada">Kakinada</option>
<option value="Kaligiri">Kaligiri</option>
<option
value="Karimnagar">Karimnagar</option>
<option
value="Kathipudi">Kathipudi</option>
<option value="Katra">Katra </option>
<option value="Kavali">Kavali</option>
<option value="Kolhapur">Kolhapur
</option>
<option value="Kovvuru">Kovvuru</option>
<option value="Kurnool">Kurnool</option>

```

```

        <option
value="Mahabaleshwar">Mahabaleshwar</option>
        <option
value="Mahabalipuram">Mahabalipuram </option>
        <option value="Manali">Manali </option>
        <option value="Mangalore">Mangalore
</option>
        <option
value="MountAbu">MountAbu</option>
        <option value="Mumbai">Mumbai</option>
        <option
value="Naidupeta">Naidupeta</option>
        <option
value="Narasaraopet">Narasaraopet</option>
        <option value="Nasik">Nasik</option>
        <option value="Nellore">Nellore</option>
        <option value="Ongole">Ongole</option>
        <option value="Palitana">Palitana </option>
        <option value="Pangidi">Pangidi</option>
        <option
value="Peddapuram">Peddapuram</option>
        <option value="Ponnur">Ponnur</option>
        <option value="Pune">Pune</option>
        <option value="Railway Koduru">Railway
Koduru</option>
        <option value="Raja Nagaram">Raja
Nagaram</option>
        <option value="Rajampet">Rajampet</option>
        <option
value="Rajamundry">Rajamundry</option>
        <option value="Rajkot">Rajkot</option>
        <option
value="Rangampeta">Rangampeta</option>
        <option value="Razole">Razole</option>
        <option value="S.Konda">S.Konda</option>
        <option value="Samarla Kota">Samarla
Kota</option>
        <option
value="Sathenpalli">Sathenpalli</option>
        <option value="Shiridi">Shiridi</option>
        <option value="Shreenathji">Shreenathji
</option>
        <option
value="Srikakulam">Srikakulam</option>
        <option value="Srinagar">Srinagar </option>

```

```

        <option
value="Sullurupeta">Sullurupeta</option>
        <option value="Surat">Surat</option>
        <option value="Tenali">Tenali</option>
        <option value="Thrissur">Thrissur </option>
        <option value="Tiruchirapally">Tiruchirapally
</option>
        <option value="Tirupathi">Tirupathi</option>
        <option value="Tuni">Tuni</option>
        <option value="Udaipur">Udaipur</option>
        <option value="Ujjain">Ujjain</option>
        <option
value="Ulavapadu">Ulavapadu</option>
        <option
value="Vadodara">Vadodara</option>
        <option
value="Vetapalem">Vetapalem</option>
        <option
value="Vijayanagaram">Vijayanagaram</option>
        <option
value="Vijayawada">Vijayawada</option>
        <option
value="Vinjamoor">Vinjamoor</option>
        <option value="Vizag">Vizag</option>
        <option
value="Warangal">Warangal</option>

        </select>
    </td>
</tr>
<tr class="row_even">
    <td>To</td>
    <td><SELECT NAME="rTo" class="ListBox">
        <option value="A.S.Peta">A.S.Peta</option>
        <option
value="Ahmedabad">Ahmedabad</option>
        <option
value="Amalapuram">Amalapuram</option>
        <option value="Ambaji">Ambaji
</option>
        <option
value="Anakapalli">Anakapalli</option>
        <option
value="Anantapur">Anantapur</option>

```



```

<option
value="Annavam">Annavam</option>
<option value="Atmakur">Atmakur</option>
<option value="Aurangabad">Aurangabad
</option>

<option
value="Bangalore">Bangalore</option>
<option value="Bapatla">Bapatla</option>
<option value="Bhopal">Bhopal</option>
<option value="Bhuj">Bhuj</option>
<option value="Chandigarh">Chandigarh
</option>
<option value="Chennai">Chennai</option>
<option
value="Chilakaluripet">Chilakaluripet</option>
<option value="Chirala">Chirala</option>
<option value="Cochin">Cochin</option>
<option value="Delhi">Delhi</option>
<option
value="Devarpalli">Devarpalli</option>
<option value="Gandhidham">Gandhidham
</option>
<option value="Goa">Goa</option>
<option
value="Gokavaram">Gokavaram</option>
<option value="Guduru">Guduru</option>
<option value="Guntur">Guntur</option>
<option value="Hubli">Hubli</option>
<option selected="selected"
value="Hyderabad">Hyderabad</option>
<option value="Indore">Indore </option>
<option value="Inkollu">Inkollu</option>
<option
value="Jaggampet">Jaggampet</option>
<option value="Jaipur">Jaipur</option>
<option value="Jammu">Jammu</option>
<option value="Jamnagar">Jamnagar
</option>
<option value="Jangareddy
Gudem">Jangareddy Gudem</option>
<option value="Kadapa">Kadapa</option>
<option value="Kakinada">Kakinada</option>
<option value="Kaligiri">Kaligiri</option>
<option
value="Karimnagar">Karimnagar</option>

```

```

        <option
value="Kathipudi">Kathipudi</option>
        <option value="Katra">Katra </option>
        <option value="Kavali">Kavali</option>
        <option value="Kolhapur">Kolhapur

</option>

        <option value="Kovvuru">Kovvuru</option>
        <option value="Kurnool">Kurnool</option>
        <option
value="Mahabaleshwar">Mahabaleshwar</option>
        <option
value="Mahabalipuram">Mahabalipuram </option>
        <option value="Manali">Manali </option>
        <option value="Mangalore">Mangalore

</option>

        <option
value="MountAbu">MountAbu</option>
        <option value="Mumbai">Mumbai</option>
        <option
value="Naidupeta">Naidupeta</option>
        <option
value="Narasaraopet">Narasaraopet</option>
        <option value="Nasik">Nasik</option>
        <option value="Nellore">Nellore</option>
        <option value="Ongole">Ongole</option>
        <option value="Palitana">Palitana </option>
        <option value="Pangidi">Pangidi</option>
        <option
value="Peddapuram">Peddapuram</option>
        <option value="Ponnur">Ponnur</option>
        <option value="Pune">Pune</option>
        <option value="Railway Koduru">Railway

Koduru</option>

        <option value="Raja Nagaram">Raja

Nagaram</option>

        <option value="Rajampet">Rajampet</option>
        <option
value="Rajamundry">Rajamundry</option>
        <option value="Rajkot">Rajkot</option>
        <option
value="Rangampeta">Rangampeta</option>
        <option value="Razole">Razole</option>
        <option value="S.Konda">S.Konda</option>
        <option value="Samarla Kota">Samarla

Kota</option>

```

```

        <option
value="Sathenpalli">Sathenpalli</option>
        <option value="Shiridi">Shiridi</option>
        <option value="Shreenathji">Shreenathji
</option>
        <option
value="Srikakulam">Srikakulam</option>
        <option value="Srinagar">Srinagar </option>
        <option
value="Sullurupeta">Sullurupeta</option>
        <option value="Surat">Surat</option>
        <option value="Tenali">Tenali</option>
        <option value="Thrissur">Thrissur </option>
        <option value="Tiruchirapally">Tiruchirapally
</option>
        <option value="Tirupathi">Tirupathi</option>
        <option value="Tuni">Tuni</option>
        <option value="Udaipur">Udaipur</option>
        <option value="Ujjain">Ujjain</option>
        <option
value="Ulavapadu">Ulavapadu</option>
        <option
value="Vadodara">Vadodara</option>
        <option
value="Vetapalem">Vetapalem</option>
        <option
value="Vijayanagaram">Vijayanagaram</option>
        <option
value="Vijayawada">Vijayawada</option>
        <option
value="Vinjamoor">Vinjamoor</option>
        <option value="Vizag">Vizag</option>
        <option
value="Warangal">Warangal</option>

```

```

        </SELECT></td>

```

```

    </tr>

```

```

    <tr class="row_odd">

```

```

        <TD>Travels Id<FONT COLOR="red">*</FONT></TD>

```

```

        <TD><Input type=text name="TravelsId" value="readonly"><INPUT
TYPE="Button" Name="GBid" value="..."
Onclick="fnEmpPopUp('ShowTravels.jsp',300,400);">

```

```

    </TR>

```

```

    <tr class="row_even">

```

```

        <TD>Bus Id<FONT COLOR="red">*</FONT></TD>

```

```

        <TD><Input type=text name='BusId' value='readonly' <INPUT
TYPE="Button" Name="GBid" value="..." Onclick="fnBusDetails()">

                </TR>
                <tr class="row_odd">
                <TD>Departure<FONT COLOR="red">*</FONT></TD>
                        <TD><Input type=text name='Departure'
value=" ">HH:MM</TD>
                </TR>
                <tr class="row_even">
                <TD>Arrival<FONT COLOR="red">*</FONT></TD>
                        <TD><Input type=text name='Arrival'
value=" ">HH:MM</TD>
                </TR>
                <tr class="row_odd">
                <TD>Fare<FONT COLOR="red">*</FONT></TD>
                        <TD><Input type=text name='Fare'
value=" "></TD>
                </TR>
                <tr class="row_even">
                <TD>Journey Date<FONT COLOR="red">*</FONT></TD>
                        <TD><Input type=text name='JDate' value="
readonly"></TD>
                </TR>
                <TR><TH><TD><INPUT TYPE="submit"
value='Submit'></TD><TH><TD><INPUT TYPE="reset"
value='Clear'></TD></TR>
        </TABLE>
        <H6 align=center>Fields with <FONT SIZE=""
COLOR="red">*</FONT> are mandatory </H6>

        </center>
        </FORM>
        </BODY>

<% } %>

```

Add route 1:-

```

<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,com.ewheelz.MyFunctions"%>

```

<HEAD>

<script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

<LINK href="styles.css" type="text/css" rel="stylesheet">

</HEAD>

<BODY class=SC>

<HR>

Add Route

<HR>

<%

```
Connection con=null;
ResultSet rs=null;
Statement stmt=null;
String RouteId = request.getParameter("RouteId");
MyFunctions MF = new MyFunctions();
RouteId = MF.genNextID("routemaster","RouteId","R");
String rFrom = request.getParameter("rFrom");
String rTo = request.getParameter("rTo");
String TravelsId = request.getParameter("TravelsId");
String BusId = request.getParameter("BusId");
String Departure = request.getParameter("Departure");
String Arrival = request.getParameter("Arrival");
String Fare = request.getParameter("Fare");
String JDate = request.getParameter("JDate");
int Availability = 40;
try{
```

```
    con = com.ewheelz.ConnectionPool.getConnection();
    stmt = con.createStatement();
```

```
        String Query = "Insert into routemaster
values('"+RouteId+"','"+rFrom+"','"+rTo+"','"+TravelsId+"','"+BusId+"','"+Dep
arture+"','"+Arrival+"','"+Fare+"','"+JDate+"','"+Availability+"')";
        int result = stmt.executeUpdate(Query);
        if( result > 0)    {
            %><P align=center><B><Font face="Georgia"
color="Green">Route added Successfully</Font></B></P><%
        }
        else{
```

```

                                %><P align=center><B><Font face="Georgia"
color="Red">Error: Please try again</Font></B></P><%
                                }
                                stmt.close();
                                con.close();
                                }catch(Exception e){
                                stmt.close();
                                con.close();
                                %><%=e%><%
                                }

```

```

%>
</BODY>

```

Add travel 0:-

```

<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,java.util.Random"%>

<HTML>
<HEAD>

<script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

<LINK href="styles.css" type="text/css" rel="stylesheet">
<script LANGUAGE="Javascript" SRC="Images/calender.js"></script>
<script LANGUAGE="Javascript" >
    function ChkMandatoryField(F,T){
        var val= F.value;
        if(val==""){alert(T+" is mandatory");return false;}
    }
    function ChkNumField(F,T){
        var val = F.value;
        if(isNaN(val)==true||val==""){alert("Please enter
numbers for "+T);return false;}
    }
    function ChkAlphaNumericField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z0-9]{1,250}$/;
        if(!(pattern.test(val)==true)){alert("Please enter
alphabets or numbers for "+T);return false;}
    }
    function ChkAlphaField(F,T){

```

```

        var val = F.value;
        var pattern = /^[a-zA-Z ]{1,250}$/;
        if(!(pattern.test(val)==true)){alert("Please enter text for
"+T);return false;}
    }
    function ChkEmailField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z0-9\_\.\.]{4,25}$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid
email for "+T);return false;}
    }
    function ChkDateField(F,T)
    {
        var val = F.value;
        var pattern = /^[0-9]{4}-[0-9]{2}-[0-9]{2}$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid date
format (yyyy-mm-dd) for "+T);return false;}
    }
    function validate()
    {
        var frm = document.forms(0);
        if(ChkMandatoryField(frm.Travels,'Travels
Name')==false) return false;

        if(ChkMandatoryField(frm.Location,'Location')==false) return false;
        if(ChkAlphaField(frm.Location,'Location')==false)
return false;

        if(ChkMandatoryField(frm.Address,'Address')==false)
return false;

        if(ChkMandatoryField(frm.AgentName,'Agent
Name')==false) return false;
        if(ChkMandatoryField(frm.PhoneNumber,'Phone
Number')==false) return false;
        if(ChkNumField(frm.PhoneNumber,'Phone
Number')==false) return false;
    }
</script>
</HEAD>
<Body class=SC>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Add New
Travel</FONT></B>
<HR>
<%
    Integer IAuth =(Integer)session.getAttribute("auth");

```

```

int auth=-1;
if(IAuth!=null){ auth= IAuth.intValue();}
System.out.println("===Authentication==="+auth);
if(auth!=0){
    %><P align=center><IMG SRC="Images/error.gif" WIDTH="17"
HEIGHT="13" BORDER="0" ALT=""><B><FONT COLOR="red">You are
not authorized to access this page</FONT></B></P><%
}
else{
    %>
<FORM ACTION="AddTravels1.jsp" onsubmit="return validate()">
    <center>
    <TABLE BORDER="0" CELLSPACING="2" CELLPADDING="2" >
        <TR class=row_title ALIGN="center">
            <TH COLSPAN="2"> Add New Travel </TH>
            <tr class="row_odd">
                <td>Travels Name<FONT
COLOR="red">*</FONT></td>
                <TD><Input type=text name="Travels"
value=" "></TD>
            </TR>
            <tr class="row_even">
                <td>Location<FONT COLOR="red">*</FONT></td>
                <td><SELECT NAME="Location"
class="ListBox">
                    <option value="A.S.Peta">A.S.Peta</option>
                    <option
value="Ahmedabad">Ahmedabad</option>
                    <option
value="Amalapuram">Amalapuram</option>
                    <option value="Ambaji">Ambaji
</option>
                    <option
value="Anakapalli">Anakapalli</option>
                    <option
value="Anantapur">Anantapur</option>
                    <option
value="Annavaram">Annavaram</option>
                    <option value="Atmakur">Atmakur</option>
                    <option value="Aurangabad">Aurangabad
</option>
                    <option
value="Bangalore">Bangalore</option>
                    <option value="Bapatla">Bapatla</option>
                    <option value="Bhopal">Bhopal</option>

```



```

</option>
<option value="Bhuj">Bhuj</option>
<option value="Chandigarh">Chandigarh
</option>
<option value="Chennai">Chennai</option>
<option
value="Chilakaluripet">Chilakaluripet</option>
<option value="Chirala">Chirala</option>
<option value="Cochin">Cochin</option>
<option value="Delhi">Delhi</option>
<option
value="Devarpalli">Devarpalli</option>
<option value="Gandhidham">Gandhidham
</option>
<option value="Goa">Goa</option>
<option
value="Gokavaram">Gokavaram</option>
<option value="Guduru">Guduru</option>
<option value="Guntur">Guntur</option>
<option value="Hubli">Hubli</option>
<option selected="selected"
value="Hyderabad">Hyderabad</option>
<option value="Indore">Indore </option>
<option value="Inkollu">Inkollu</option>
<option
value="Jaggampet">Jaggampet</option>
<option value="Jaipur">Jaipur</option>
<option value="Jammu">Jammu</option>
<option value="Jamnagar">Jamnagar
</option>
<option value="Jangareddy
Gudem">Jangareddy Gudem</option>
<option value="Kadapa">Kadapa</option>
<option value="Kakinada">Kakinada</option>
<option value="Kaligiri">Kaligiri</option>
<option
value="Karimnagar">Karimnagar</option>
<option
value="Kathipudi">Kathipudi</option>
<option value="Katra">Katra </option>
<option value="Kavali">Kavali</option>
<option value="Kolhapur">Kolhapur
</option>
<option value="Kovvuru">Kovvuru</option>
<option value="Kurnool">Kurnool</option>

```

```

        <option
value="Mahabaleshwar">Mahabaleshwar</option>
        <option
value="Mahabalipuram">Mahabalipuram </option>
        <option value="Manali">Manali </option>
        <option value="Mangalore">Mangalore
</option>
        <option
value="MountAbu">MountAbu</option>
        <option value="Mumbai">Mumbai</option>
        <option
value="Naidupeta">Naidupeta</option>
        <option
value="Narasaraopet">Narasaraopet</option>
        <option value="Nasik">Nasik</option>
        <option value="Nellore">Nellore</option>
        <option value="Ongole">Ongole</option>
        <option value="Palitana">Palitana </option>
        <option value="Pangidi">Pangidi</option>
        <option
value="Peddapuram">Peddapuram</option>
        <option value="Ponnur">Ponnur</option>
        <option value="Pune">Pune</option>
        <option value="Railway Koduru">Railway
Koduru</option>
        <option value="Raja Nagaram">Raja
Nagaram</option>
        <option value="Rajampet">Rajampet</option>
        <option
value="Rajamundry">Rajamundry</option>
        <option value="Rajkot">Rajkot</option>
        <option
value="Rangampeta">Rangampeta</option>
        <option value="Razole">Razole</option>
        <option value="S.Konda">S.Konda</option>
        <option value="Samarla Kota">Samarla
Kota</option>
        <option
value="Sathenpalli">Sathenpalli</option>
        <option value="Shiridi">Shiridi</option>
        <option value="Shreenathji">Shreenathji
</option>
        <option
value="Srikakulam">Srikakulam</option>
        <option value="Srinagar">Srinagar </option>

```

```

        <option
value="Sullurupeta">Sullurupeta</option>
        <option value="Surat">Surat</option>
        <option value="Tenali">Tenali</option>
        <option value="Thrissur">Thrissur </option>
        <option value="Tiruchirapally">Tiruchirapally
</option>
        <option value="Tirupathi">Tirupathi</option>
        <option value="Tuni">Tuni</option>
        <option value="Udaipur">Udaipur</option>
        <option value="Ujjain">Ujjain</option>
        <option
value="Ulavapadu">Ulavapadu</option>
        <option
value="Vadodara">Vadodara</option>
        <option
value="Vetapalem">Vetapalem</option>
        <option
value="Vijayanagaram">Vijayanagaram</option>
        <option
value="Vijayawada">Vijayawada</option>
        <option
value="Vinjamoor">Vinjamoor</option>
        <option value="Vizag">Vizag</option>
        <option
value="Warangal">Warangal</option>

        </select>
    </td>
</tr>
<tr class="row_odd">
        <td>Address<FONT COLOR="red">*</FONT></td>
        <TD><textarea
name=Address></textarea></TD>
    </TR>
    <tr class="row_even">
        <td>Agent Name<FONT
COLOR="red">*</FONT></td>
        <TD><Input type=text name='AgentName'
value=""></TD>
    </TR>
    <tr class="row_odd">
        <td>Phone Number<FONT
COLOR="red">*</FONT></td>

```

```

                                <TD><Input type=text name='PhoneNumber'
value=""></TD>
                                </TR>
                                <TR><TH><INPUT TYPE="submit"
value='Submit'></TH><TH><INPUT TYPE="reset"
value='Clear'></TH></TR>
                                </TABLE>
                                <H6 align=center>Fields with <FONT SIZE=""
COLOR="red">*</FONT> are mandatory </H6>
                                </FORM>
                                </BODY>

```

```

<%}%>

```

Add travel 1:-

```

<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,com.ewheelz.MyFunctions"%>

```

```

<HEAD>

```

```

    <script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

```

```

    <LINK href="styles.css" type="text/css" rel="stylesheet">

```

```

</HEAD>

```

```

<BODY class=SC>

```

```

<HR>

```

```

<B><FONT COLOR="#CC00CC" face='verdana'>Add New
Travel</FONT></B>

```

```

<HR>

```

```

<%

```

```

    Connection con=null;
    ResultSet rs=null;
    Statement stmt=null;
    String TravelsId = request.getParameter("TravelsId");
    MyFunctions MF = new MyFunctions();
    //TravelsId = MF.genNextID("travelsmaster","TravelsId","T");
    String Travels = request.getParameter("Travels");
    String Location = request.getParameter("Location");
    String Address = request.getParameter("Address");
    String AgentName = request.getParameter("AgentName");

```

```

String PhoneNumber = request.getParameter("PhoneNumber");
try{

        con = com.ewheelz.ConnectionPool.getConnection();
        stmt = con.createStatement();
        String qry = "select max(`TravelsId`) from `travelsmaster`;

ResultSet res_set = stmt.executeQuery(qry);

//String n ="sai";

// n.subs

res_set.next();

String TicketId = res_set.getString(1);

String no = TicketId.substring(1).trim();

TravelsId = "T" + (Integer.parseInt(no) + 1);


        String Query = "Insert into travelsmaster
values('"+TravelsId+"','"+Travels+"','"+Location+"','"+Address+"','"+AgentNa
me+"','"+PhoneNumber+"')";
        int result = stmt.executeUpdate(Query);
        if( result > 0)    {
                %><P align=center><B><Font face="Georgia"
color="Green">Travels added Successfully</Font></B></P><%
        }
        else{
                %><P align=center><B><Font face="Georgia"
color="Red">Error: Please try again</Font></B></P><%
        }
        stmt.close();
        con.close();
    }catch(Exception e){
        stmt.close();
        con.close();
        %><%=e%><%
    }
}

```

```
%>
</BODY>
```

Admin home:-

```
<HTML>
```

```
<% @ page language="java" %>
<% @ page import="java.sql.*" %>
<% @ page import="java.lang.*" %>

<% @ page session="true" %>
<head>
    <LINK href="styles.css" type="text/css" rel="stylesheet">
<SCRIPT LANGUAGE="JavaScript">
<!--
    function setAction(URL,Obj){
        var f = document.forms(0);
        var ParamsList = "?";
        Obj.target='ResultFrame';
        Obj.href=URL+ParamsList;
    }
//-->
</SCRIPT>
<head>
<body Class='SC'>
<BR><BR>
    <H4 align=center>Administrator Options</H4>
    <P align=center><FONT SIZE="" COLOR="green"
face='Georgia'>Browse the admin menu to perform various administrative
actions</FONT></P>
</BODY>
</HTML>
```

Add menu:-

```
<HTML>
```

```
<% @ page language="java" %>
<% @ page import="java.sql.*" %>
<% @ page import="java.lang.*" %>

<% @ page session="true" %>
<head>
```

```

        <LINK href="styles.css" type="text/css" rel="stylesheet">
<SCRIPT LANGUAGE="JavaScript">
<!--
        function setAction(URL,Obj){
            var f = document.forms(0);
            var ParamsList = "?";
            Obj.target='ResultFrame';
            Obj.href=URL+ParamsList;
        }
//-->
</SCRIPT>
<head>
<body Class='SC'>
<!--    <H4 align=center>Menu</H4> -->
        <TABLE align="center">
        <TR>
            <TD><A HREF="AddRoute0.jsp"
target="AdminBodyFrame"></A></TD>

            <TD><A HREF="ViewRoutes.jsp"
target="AdminBodyFrame"></A></TD>

            <TD><A HREF="DelRoute0.jsp"
target="AdminBodyFrame"></A></TD>

            <TD><A HREF="AddTravel0.jsp"
target="AdminBodyFrame"></A></TD>

```

```

<TD><A HREF="ViewTravels.jsp"
target="AdminBodyFrame"></A></TD>

```

```

<TD><A HREF="DelTravel0.jsp"
target="AdminBodyFrame"></A></TD></TR></TABLE><br>

```

```

<table align="center"><tr>
<TD><A HREF="Logout.jsp" target="_parent">
</a></TD>

```

```

</TR>
</TABLE>
</BODY>
</HTML>

```

Book now s1:-

```
<HTML>
```

```

<% @ page language="java" %>
<% @ page import="java.sql.*" %>
<% @ page import="java.lang.*" %>

```

```

<% @ page session="true" %>
<%

```

```

String rFrom = (String)session.getAttribute("rFrom");
String rTo = (String)session.getAttribute("rTo");
String JDate = (String)session.getAttribute("JDate");
String sBusType = (String)session.getAttribute("BusType");
String NoPass = (String)session.getAttribute("NoPass");

```

```
%>
```

```
<head>
```

```

<LINK href="styles.css" type="text/css" rel="stylesheet">
<SCRIPT LANGUAGE="JavaScript">

```



```

<!--
var SCount = 0;

function setAction(URL,Obj){
    var f = document.forms(0);
    var NoSeats = "<%=NoPass%>";
    var BPoint = f.BPoint.value;
    var SS = f.Seats.value;
    SS = SS.substring(0,SS.length-1);
    if(BPoint==""){
        alert("Boarding point is mandatory");
        return false;
    }
    if(SS == ""||SCount<parseInt(NoSeats)){
        alert("Please select "+NoSeats+" seat(s) to continue");
        return false;
    }
    var ParamsList = "?BPoint="+BPoint+"&SS="+SS;
    Obj.target='tgt';
    Obj.href=URL+ParamsList;
}
function toggleSelection(Obj)
{
    var s = Obj.src;
    var Seats = document.forms(0).Seats;
    var NoSeats = "<%=NoPass%>";

    if (s.indexOf("availableSeat.jpg")>-1)
    {
        if(SCount>=parseInt(NoSeats)){
            alert("Already You have selected the required
seats");
            return;
        }
        Obj.src = "Images/selectedSeat.gif";
        //alert("--"+Obj.alt);
        if(Seats.value==""){
            Seats.value = Obj.alt+",";
        }else{
            Seats.value += Obj.alt+",";
        }
        SCount++;
    }else if (s.indexOf("selectedSeat.gif")>-1)
    {
        Obj.src = "Images/availableSeat.jpg";
    }
}

```

```

                Seats.value=Seats.value.replace(Obj.alt+",","");
                SCount--;
            }else{
                alert("seat already booked");
            }
        }
    }
    //-->
</SCRIPT>
<head>
<body Class='SC'>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Seat
Selection</FONT></B>
<HR>
<BR><BR>
<FORM ACTION="">
<%
/*Declaration of variables*/
Connection con=null;
Statement stmt=null,stmt1=null,stmt2=null;
ResultSet rs=null,rs1=null,rs2=null;
String RouteSelected = request.getParameter("RouteSelected");
String Fare = request.getParameter("Fare");
String Departure = request.getParameter("Departure");
session.setAttribute("Departure",Departure);

String Arrival = request.getParameter("Arrival");
session.setAttribute("Arrival",Arrival);

String Travels = request.getParameter("Travels");
session.setAttribute("Travels",Travels);

System.out.println(Fare);
int iNoPass=0,iFare=0;
if(Fare!=null){
    iFare = Integer.parseInt(Fare);
}
System.out.println(iFare);
if(NoPass!=null){
    iNoPass = Integer.parseInt(NoPass);
}
System.out.println(iNoPass);
int tFare = iFare*iNoPass;
System.out.println("Total Fare:"+tFare);
session.setAttribute("Fare",tFare+"");

```

```

String RouteId = "";
String TravelsId = "";
String BusId = "";
String[] BPoints = new String[100];
int count=0,NumRows=0;
String BookedSeats="";
try
{
    /*Connection to MySQL database is made with JDBC class one
driver*/
    con = com.ewheelz.ConnectionPool.getConnection();
    String[] Details =
com.ewheelz.MyFunctions.MyTokenizer(RouteSelected,"_");
    RouteId = Details[0]; session.setAttribute("RouteId",RouteId);
    TravelsId = Details[1]; session.setAttribute("TravelsId",TravelsId);
    BusId = Details[2]; session.setAttribute("BusId",BusId);
    System.out.println(RouteId+TravelsId+BusId);
    stmt = con.createStatement();
    String Qry = "Select distinct PickupPoint from RouteMap where
RouteId = '"+RouteId+"'";
    System.out.println("Search Qry->" +Qry);
    rs = stmt.executeQuery(Qry);
    while(rs.next()){
        BPoints[NumRows] = rs.getString(1);
        System.out.println("BPoints[NumRows]-
:"+BPoints[NumRows]);
        NumRows++;
    }
    String Qry1 = "Select Seats from ticketdetails where
RouteId='"+RouteId+"' and BusId='"+BusId+"' and CustomerId <> " and
PaymentId <> """;
    System.out.println(Qry1);
    rs1 = stmt.executeQuery(Qry1);
    while(rs1.next()){
        BookedSeats+=rs1.getString(1);
    }
    System.out.println("Seats already booked"+BookedSeats);
}
catch(Exception e)
{
    System.out.println("Exception"+e);
}
%>
<H5>Boarding Point</H5>

```



```

        for(i=1;i<=10;i++){
            if(BookedSeats.indexOf("B"+i)>-1){
                document.writeln("<TD><IMG
SRC=\"Images/bookedSeat.gif\" style=\"cursor:hand\" alt='B'+i+\"
onclick=\"alert('seat already booked');\"></TD>");
            }else{
                document.writeln("<TD><IMG
SRC=\"Images/availableSeat.jpg\" style=\"cursor:hand\" alt='B'+i+\"
onclick='toggleSelection(this)'></TD>");
            }
        }
    }
    <!-->
    </SCRIPT></TR>
    <TR>
        <TD colspan=10>&nbsp;</TD>
    </TR>
    <TR>
        <SCRIPT LANGUAGE="JavaScript">
        <!--
            var BookedSeats = "<%=BookedSeats%>";
            //alert(BookedSeats);
            for(i=1;i<=10;i++){
                if(BookedSeats.indexOf("C"+i)>-1){
                    document.writeln("<TD><IMG
SRC=\"Images/bookedSeat.gif\" style=\"cursor:hand\" alt='C'+i+\"
onclick=\"alert('seat already booked');\"></TD>");
                }else{
                    document.writeln("<TD><IMG
SRC=\"Images/availableSeat.jpg\" style=\"cursor:hand\" alt='C'+i+\"
onclick='toggleSelection(this)'></TD>");
                }
            }
        <!-->
        </SCRIPT></TR>
    <TR>
        <SCRIPT LANGUAGE="JavaScript">
        <!--
            var BookedSeats = "<%=BookedSeats%>";
            //alert(BookedSeats);
            for(i=1;i<=10;i++){
                if(BookedSeats.indexOf("D"+i)>-1){
                    document.writeln("<TD><IMG
SRC=\"Images/bookedSeat.gif\" style=\"cursor:hand\" alt='D'+i+\"
onclick=\"alert('seat already booked');\"></TD>");
                }else{

```

```

        document.writeln("<TD><IMG
SRC=\"Images/availableSeat.jpg\" style=\"cursor:hand\" alt='D'+i+\"
onclick='toggleSelection(this)'></TD>");
    }
}
//-->
</SCRIPT></TR>
</TABLE>
<P align=right>
    <A onclick="setAction('BookNow_S2.jsp',this)"
target="ResultFrame"><IMG SRC="Images/Menu/Continue1.jpg" border="0"
onmouseout="this.src = 'Images/Menu/Continue1.jpg'"
onmouseover="this.src = 'Images/Menu/Continue2.jpg'"></A>
</P>
</FORM>
</BODY>
</HTML>

```

Book now s2:-

```

<HTML>

<% @ page language="java" %>
<% @ page import="java.sql.*" %>
<% @ page import="java.lang.*" %>

<% @ page session="true" %>
<%
    String rFrom = (String)session.getAttribute("rFrom");
    String rTo = (String)session.getAttribute("rTo");
    String JDate = (String)session.getAttribute("JDate");
    String sBusType = (String)session.getAttribute("BusType");
    String NoPass = (String)session.getAttribute("NoPass");
    String RouteId = (String)session.getAttribute("RouteId");
    String TravelsId = (String)session.getAttribute("TravelsId");
    String BusId = (String)session.getAttribute("BusId");
    String Fare = (String)session.getAttribute("Fare");
    String Departure = (String)session.getAttribute("Departure");
    String Arrival = (String)session.getAttribute("Arrival");
    String SelSeats = request.getParameter("SS");
    session.setAttribute("SelSeats",SelSeats);
    String BPoint = request.getParameter("BPoint");
    session.setAttribute("BPoint",BPoint);
    //Save ticket details and create ticket id

```

```

/*
`TicketId`, `RouteId`, `CustomerId~`, `From`, `To`,
    `JourneyDate`,
    `StartTime`,
    `ReachTime`,
    `Seats`,
    `BoardingPoint`,
    `NetAmount`,
    `Status`,
    `PaymentId~`,
    `BusId`

*/

%>
<head>
<LINK href="styles.css" type="text/css" rel="stylesheet">
<script LANGUAGE="Javascript" SRC="Images/AjaxCall.js"></script>
<SCRIPT LANGUAGE="JavaScript">
<!--
var SCount = 0;

function setAction(URL,Obj){
    var f = document.forms(0);
    var ParamsList = "?";
    Obj.target='ResultFrame';
    Obj.href=URL+ParamsList;
}

function ChkMandatoryField(F,T){
    var val= F.value;
    if(val==""){alert(T+" is mandatory");return false;}
}

function ChkNumField(F,T){
    var val = F.value;
    var pattern = /^[0-9]{10}$/;
    if(!(pattern.test(val)==true)){alert("Please enter valid
"+T);return false;}
}

function ChkAlphaNumericField(F,T){
    var val = F.value;
    var pattern = /^[a-zA-Z0-9]{1,250}$/;
    if(!(pattern.test(val)==true)){alert("Please enter
alphabets or numbers for "+T);return false;}
}

function ChkAlphaField(F,T){
    var val = F.value;

```

```

        var pattern = /^[a-zA-Z ]{1,250}$/;
        if(!(pattern.test(val)==true)){alert("Please enter text for
"+T);return false;}
    }
    function ChkEmailField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z0-9\-\.\_ ]+\@[a-zA-Z0-9 \-
\.\.]+\.[a-zA-Z]{2,4}$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid
email for "+T);return false;}
    }
    function ChkDateField(F,T)
    {
        var val = F.value;
        var pattern = /^[0-9]{4}-[0-9]{2}-[0-9]{2}$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid date
format (yyyy-mm-dd) for "+T);return false;}
    }

    function validate()
    {
        var frm = document.forms(0);
        if(ChkMandatoryField(frm.CustomerName,'Customer
Name')==false) return false;
        if(ChkAlphaField(frm.CustomerName,'Customer
Name')==false) return false;
        if(ChkMandatoryField(frm.PhoneNumber,'Phone
Number')==false) return false;
        if(ChkNumField(frm.PhoneNumber,'Phone
Number')==false) return false;
        if(ChkMandatoryField(frm.Address,'Address')==false)
return false;

        if(ChkMandatoryField(frm.Location,'Location')==false) return false;
        if(ChkAlphaField(frm.Location,'Location')==false)
return false;

        if(ChkMandatoryField(frm.email,'email')==false)
return false;

        if(ChkEmailField(frm.email,'email')==false) return
false;

        if(ChkMandatoryField(frm.Gender,'Gender')==false)
return false;

        if(ChkAlphaField(frm.Gender,'Gender')==false) return
false;

```



```
Params="?CustomerName="+frm.CustomerName.value+"&PhoneNum
ber="+frm.PhoneNumber.value+"&Address="+frm.Address.value+"&Location
="+frm.Location.value+"&email="+frm.email.value+"&Gender="+frm.Gender.
value;
```

```
        fnSaveCustomer(Params);
    }
    function fnSaveCustomer(Params)
    {
        var divObj = document.getElementById("infodiv");
        URL = "SaveCustomerInfo.jsp"+Params;
        //alert(URL);
        ajaxFunction(URL,divObj);
    }
//-->
</SCRIPT>
```

```
<head>
<body Class='SC'>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Customer
Info</FONT></B>
<HR>
<BR><BR>
<FORM>
<%
/*Declaration of variables*/
Connection con=null;
Statement stmt=null,stmt1=null,stmt2=null;
ResultSet rs=null,rs1=null,rs2=null;
int count=0,NumRows=0;
String TicketId="";
com.ewheelz.MyFunctions MF = new com.ewheelz.MyFunctions();
//TicketId = MF.genNextID("ticketdetails","TicketId","T-");

boolean tflag=false;
try
{
    /*Connection to MySQL database is made with JDBC class one
driver*/
    con = com.ewheelz.ConnectionPool.getConnection();
    stmt = con.createStatement();
```

```

String qry = "select max(`TicketId`) from `ticketdetails`";

ResultSet res_set = stmt.executeQuery(qry);

//String n = "sai";

// n.subs
//out.println("rs is: "+res_set);
if(res_set.next())
{
    TicketId = res_set.getString(1);
    if(TicketId == null)
        TicketId = "T-1";
    }
    else
        TicketId = "T-1";
//    out.println("TicketId is: "+TicketId);
String no = TicketId.substring(2).trim();

TicketId = "T-"+(Integer.parseInt(no)+1);

session.setAttribute("TicketId",TicketId);
String Query = "Insert into ticketdetails
values('"+TicketId+"','"+RouteId+"', '"+rFrom+"','"+rTo+"','"+JDate+"','"+Dep
arture+"','"+Arrival+"','"+SelSeats+"','"+BPoint+"','"+Fare+"','Progress','"+BusI
d+"')";

//    out.println("Search Qry->"+Query);

int result = stmt.executeUpdate(Query);
if( result > 0) {
    session.setAttribute("TicketId",TicketId);
    System.out.println("Ticket saved");
    tflag=true;
}
else{
    session.setAttribute("TicketId","");
    System.out.println("Ticket not saved");
    tflag=false;
}
}
catch(Exception e)
{
    out.println("Exception"+e);
}

```

```

        tflag=false;
    }
    if(tflag==true){
    %>
        <TABLE width="60%" align=center>
            <TR class="row_title">
                <TH align="center" colspan=2>Provide
customer details</TH>
            </TR>
            <TR class="row_odd">
                <TH align="left">Customer Name<FONT
COLOR="red">*</FONT></TH>
                <TD><Input type=text
name='CustomerName' value=""></TD>
            </TR>
            <TR class="row_even">
                <TH align="left">Phone Number<FONT
COLOR="red">*</FONT></TH>
                <TD><Input type=text name='PhoneNumber'
value=""></TD>
            </TR>
            <TR class="row_odd">
                <TH align="left">Address<FONT
COLOR="red">*</FONT></TH>
                <TD><textarea name=Address rows=2
cols=20></textarea></TD>
            </TR>
            <TR class="row_even">
                <TH align="left">Location<FONT
COLOR="red">*</FONT></TH>
                <TD><Input type=text name='Location'
value=""></TD>
            </TR>
            <TR class="row_odd">
                <TH align="left">Email<FONT
COLOR="red">*</FONT></TH>
                <TD><Input type=text name='email'
value=""></TD>
            </TR>
            <TR class="row_even">
                <TH align="left">Gender<FONT
COLOR="red">*</FONT></TH>
                <TD><SELECT NAME="Gender">
                    <OPTION VALUE="Male"
SELECTED>Male

```

```

                                <OPTION VALUE="Female">Female
                            </SELECT></TD>
                        </TR>
                        <TR class="row_odd">
                            <TH align="right" colspan=2><td><input
type=button value="Save" class="WinButton" onclick="validate();"></TD>
                        </TR>

                    </TABLE>
                    <P align=center><FONT COLOR="black" face='Georgia'>Fields with
<FONT SIZE="" COLOR="red">*</FONT> are mandatory </FONT></P>
                    <div id='infodiv'></div>
                    <P align=right>
                        <A
onclick="if(document.getElementById('infodiv').innerHTML.indexOf('success')
>-1){setAction('BookNow_S3.jsp',this)}else{alert('Customer info is
mandatory');}" target="ResultFrame"><IMG
SRC="Images/Menu/Continue1.jpg" border="0"
onmouseout="this.src = 'Images/Menu/Continue1.jpg'"
onmouseover="this.src = 'Images/Menu/Continue2.jpg'"></A>
                    </P>
                    </FORM>
                    <%
                    }else{
                        %>
                            <P align=center><FONT COLOR="red" face='Georgia'>An
error occured. Please try again. Sorry for the inconvenience caused
                            </FONT></P>
                        <%
                    }
                    %>
                    </BODY>
                    </HTML>

```

Book now s3:-

```

<HTML>

<% @ page language="java" %>
<% @ page import="java.sql.*" %>
<% @ page import="java.lang.*" %>

<% @ page session="true" %>
<%
    String rFrom = (String)session.getAttribute("rFrom");

```

```

String rTo = (String)session.getAttribute("rTo");
String JDate = (String)session.getAttribute("JDate");
String sBusType = (String)session.getAttribute("BusType");
String NoPass = (String)session.getAttribute("NoPass");
String RouteId = (String)session.getAttribute("RouteId");
String TravelsId = (String)session.getAttribute("TravelsId");
String BusId = (String)session.getAttribute("BusId");
String Fare = (String)session.getAttribute("Fare");
String Departure = (String)session.getAttribute("Departure");
String Arrival = (String)session.getAttribute("Arrival");
String SelSeats = (String)session.getAttribute("SelSeats");

String BPoint = (String)session.getAttribute("BPoint");
String CustomerId = (String)session.getAttribute("CustomerId");
String TicketId = (String)session.getAttribute("TicketId");
%>
<head>
<LINK href="styles.css" type="text/css" rel="stylesheet">
<script LANGUAGE="Javascript" SRC="Images/AjaxCall.js"></script>
<SCRIPT LANGUAGE="JavaScript">
<!--
var SCount = 0;

function setAction(URL,Obj){
    var f = document.forms(0);
    var ParamsList = "?";
    Obj.target='ResultFrame';
    Obj.href=URL+ParamsList;
}
function ChkMandatoryField(F,T){
    var val= F.value;
    if(val==""){alert(T+" is mandatory");return false;}
}
function ChkNumField(F,T){
    var val = F.value;
    if(isNaN(val)==true||val==""){alert("Please enter
numbers for "+T);return false;}
}
function ChkCardNo(F,T){
    var val = F.value;
    var pattern = /^[0-9]{16}$/;
    if(!(pattern.test(val)==true)){alert("Please enter valid
"+T);return false;}
}
function ChkAlphaNumericField(F,T){

```

```

        var val = F.value;
        var pattern = /^[a-zA-Z0-9]{1,250})$/;
        if(!(pattern.test(val)==true)){alert("Please enter
alphabets or numbers for "+T);return false;}
    }
    function ChkAlphaField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z ]{1,250})$/;
        if(!(pattern.test(val)==true)){alert("Please enter text for
"+T);return false;}
    }
    function ChkEmailField(F,T){
        var val = F.value;
        var pattern = /^[a-zA-Z0-9\_\.\.]{4,25})$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid
email for "+T);return false;}
    }
    function ChkDateField(F,T)
    {
        var val = F.value;
        var pattern = /^[0-9]{4}-[0-9]{2}-[0-9]{2})$/;
        if(!(pattern.test(val)==true)){alert("Please enter valid date
format (yyyy-mm-dd) for "+T);return false;}
    }
    function validate()
    {
        var frm = document.forms(0);
        if(ChkMandatoryField(frm.PaymentMode,'Payment
Mode')==false) return false;
        if(ChkAlphaField(frm.PaymentMode,'Payment
Mode')==false) return false;
        if(ChkMandatoryField(frm.BankName,'Bank
Name')==false) return false;
        if(ChkMandatoryField(frm.CardNo,'Card
Number')==false) return false;
        if(ChkCardNo(frm.CardNo,'Card Number')==false)
return false;
        if(ChkMandatoryField(frm.NetAmount,'Net
Amount')==false) return false;
        if(ChkNumField(frm.NetAmount,'Net
Amount')==false) return false;

        Params="?CustomerId="+frm.CustomerId.value+"&TicketId="+frm.Ti
cketId.value+"&PaymentMode="+frm.PaymentMode.value+"&BankName="+f

```

```

rm.BankName.value+"&CardNo="+frm.CardNo.value+"&NetAmount="+frm.
NetAmount.value;

        fnSavePaymentDetails(Params);
    }

    function fnSavePaymentDetails(Params)
    {
        var divObj = document.getElementById("infodiv");
        URL = "SavePaymentDetails.jsp"+Params;
        //alert(URL);
        ajaxFunction(URL,divObj);
    }
//-->
</SCRIPT>

<head>
<body Class='SC'>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Payment</FONT></B>
<HR>
<BR><BR>
<FORM>
<%
/*Declaration of variables*/
Connection con=null;
Statement stmt=null,stmt1=null,stmt2=null;
ResultSet rs=null,rs1=null,rs2=null;
int count=0,NumRows=0;
try
{
    /*Connection to MySQL database is made with JDBC class one
driver*/
    con = com.ewheelz.ConnectionPool.getConnection();
    stmt = con.createStatement();
    String Qry = "";
    System.out.println("Search Qry->"+Qry);
    //rs = stmt.executeQuery(Qry);
    /*while(rs.next()){
        NumRows++;
    }*/
}
catch(Exception e)
{
    System.out.println("Exception"+e);
}

```

```

}
%>
<TABLE width="60%" align=center>
    <TR class="row_title">
        <TH align="center" colspan=2>Provide
payment details</TH>
    </TR>
    <TR class="row_odd">
        <TH align="left">CustomerId</TH>
        <TD><Input type=text name='CustomerId'
value='<%=CustomerId%>' readonly ></TD>
    </TR>
    <TR class="row_even">
        <TH align="left">TicketId</TH>
        <TD><Input type=text name="TicketId"
value='<%=TicketId%>' readonly ></TD>
    </TR>
    <TR class="row_odd">
        <TH align="left">PaymentMode<FONT
COLOR="red">*</FONT></TH>
        <TD><select name=PaymentMode>
            <option value=Credit Card>Credit
Card</option>
            <option value=Debit Card>Debit
Card</option>
        </select>
    </TD>
    </TR>
    <TR class="row_even">
        <TH align="left">BankName<FONT
COLOR="red">*</FONT></TH>
        <TD><Input type=text name='BankName'
value=""></TD>
    </TR>
    <TR class="row_odd">
        <TH align="left">CardNo<FONT
COLOR="red">*</FONT></TH>
        <TD><Input type=text name='CardNo'
value=""></TD>
    </TR>
    <TR class="row_even">
        <TH align="left">NetAmount<FONT
COLOR="red">*</FONT></TH>
        <TD><Input type=text name='NetAmount'
value='<%=Fare%>' readonly></TD>

```



```

        </TR>
        <TR class="row_odd"><TH align=right colspan=2><INPUT
TYPE="Button" value='Save' class="WinButton" onclick="validate();"
></TH></TR>
    </TABLE>

    <P align=center><FONT COLOR="black" face='Georgia'>Fields with
<FONT SIZE="" COLOR="red">*</FONT> are mandatory </FONT></P>
    <div id='infodiv'></div>
    <P align=right>
        <A
onclick="if(document.getElementById('infodiv').innerHTML.indexOf('success')
>-1){setAction('BookNow_S4.jsp',this)}else{alert('Payment details is
mandatory');}" target="ResultFrame"><IMG
SRC="Images/Menu/Confirm1.jpg" border="0"
onmouseout="this.src = 'Images/Menu/Confirm1.jpg'"
onmouseover="this.src = 'Images/Menu/Confirm2.jpg'"></A>
    </P>
</FORM>
</BODY>
</HTML>

```

Book now s4:-

```

<HTML>

<% @ page language="java" %>
<% @ page import="java.sql.*" %>
<% @ page import="java.lang.*" %>
<% @ page session="true" %>
<%

    String rFrom = (String)session.getAttribute("rFrom");
    String rTo = (String)session.getAttribute("rTo");
    String JDate = (String)session.getAttribute("JDate");
    String sBusType = (String)session.getAttribute("BusType");
    String NoPass = (String)session.getAttribute("NoPass");
    int iNoPass=0;
    if(NoPass!=null){
        iNoPass= Integer.parseInt(NoPass);
    }
    String RouteId = (String)session.getAttribute("RouteId");
    String TravelsId = (String)session.getAttribute("TravelsId");
    String Travels = (String)session.getAttribute("Travels");
    String BusId = (String)session.getAttribute("BusId");
    String Fare = (String)session.getAttribute("Fare");

```

```

String Departure = (String)session.getAttribute("Departure");
String Arrival = (String)session.getAttribute("Arrival");
String SelSeats = (String)session.getAttribute("SelSeats");

String BPoint = (String)session.getAttribute("BPoint");
String CustomerId = (String)session.getAttribute("CustomerId");
String TicketId =(String)session.getAttribute("TicketId");
String PaymentId = (String)session.getAttribute("PaymentId");
%>
<head>
<LINK href="styles.css" type="text/css" rel="stylesheet">
<script LANGUAGE="Javascript" SRC="Images/AjaxCall.js"></script>
<script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

<SCRIPT LANGUAGE="JavaScript">
<!--
var SCount = 0;

function setAction(URL,Obj){
    var f = document.forms(0);
    var ParamsList = "?";
    Obj.target='ResultFrame';
    Obj.href=URL+ParamsList;
}
function fnSavePaymentDetails(Params)
{
    var divObj = document.getElementById("infodiv");
    URL = "CreateTicket.jsp"+Params;
    //alert(URL);
    ajaxFunction(URL,divObj);
}
//-->
</SCRIPT>

<head>
<body Class='SC'>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Confirmation</FONT></B>
<HR>
<BR><BR>
<FORM>
<%
/*Declaration of variables*/
Connection con=null;

```

```

Statement stmt=null,stmt1=null,stmt2=null;
ResultSet rs=null,rs1=null,rs2=null;
int count=0,NumRows=0;
boolean tflag=false;
try
{
    /*Connection to MySQL database is made with JDBC class one
    driver*/
    con = com.ewheelz.ConnectionPool.getConnection();
    stmt = con.createStatement();
    String Query = "update ticketdetails set CustomerId='"+CustomerId+"',
PaymentId='"+PaymentId+"', Status='Booked' where TicketId='"+TicketId+"'";
    System.out.println("Final Qry->" + Query);
    int result = stmt.executeUpdate(Query);
    if( result > 0)    {
        System.out.println("Ticket saved");
        tflag=true;
        String Query1 = "update routemaster set availability =
availability - "+iNoPass+" where RouteId='"+RouteId+"' and
BusId='"+BusId+"'";
        System.out.println("Final Qry->" + Query1);
        int result1 = stmt.executeUpdate(Query1);
        if( result1 > 0)    {
            System.out.println("routemaster updated");
            tflag=true;
        }
        else{
            System.out.println("routemaster not updated");
            tflag=false;
        }
    }
    else{
        System.out.println("Ticket not saved");
        tflag=false;
    }

}
catch(Exception e)
{
    System.out.println("Exception"+e);
}
if(tflag==true){
%>
    <H5>Information</H5>
    <TABLE align=center width="50%">

```

```

<TR class='row_title'>
    <TD colspan=2 align=center>Travel details</TD>
</TR>
<TR class='row_odd'>
    <TD>From</TD>
    <TD><%=rFrom%></TD>
</TR>
<TR class='row_odd'>
    <TD>To</TD>
    <TD><%=rTo%></TD>
</TR>
<TR class='row_odd'>
    <TD>Journey Date</TD>
    <TD><%=JDate%></TD>
</TR>
<TR class='row_odd'>
    <TD>Travels Name</TD>
    <TD><%=Travels%></TD>
</TR>
<TR class='row_odd'>
    <TD>Start Time</TD>
    <TD><%=Departure%></TD>
</TR>
<TR class='row_odd'>
    <TD>Reach Time</TD>
    <TD><%=Arrival%></TD>
</TR>
<TR class='row_odd'>
    <TD>No. of Passengers</TD>
    <TD><%=NoPass%></TD>
</TR>
<TR class='row_odd'>
    <TD>Seats</TD>
    <TD><%=SelSeats%></TD>
</TR>
<TR class='row_odd'>
    <TD>Boarding Point</TD>
    <TD><%=BPoint%></TD>
</TR>
<TR class='row_odd'>
    <TD>Net Ammount</TD>
    <TD>Rs. <%=Fare%></TD>
</TR>
</TABLE>
<P align=center>

```

```

        <A
onclick="fnEmpPopUp('PrintTicket.jsp?TicketId=<%=TicketId%>&Travels=<
%=Travels%>',400,400)" target="ResultFrame"><IMG
SRC="Images/Menu/PrintTicket1.jpg" border="0"
        onmouseout="this.src = 'Images/Menu/PrintTicket1.jpg'"
        onmouseover="this.src =
'Images/Menu/PrintTicket2.jpg'"></A>
    </P>

```

```

<%
    }
%>
</FORM>
</BODY>
</HTML>

```

Cancel ticket 1:-

```

<% @ page language="java" %>
<% @ page session="true" %>
<% @ page import="java.sql.*,java.io.*,java.util.Random"%>

<HTML>
<HEAD>
    <LINK href="styles.css" type="text/css" rel="stylesheet">
    <script LANGUAGE="Javascript" SRC="Images/validate.js"></script>

    <TITLE> Cancel Ticket</TITLE>

    <SCRIPT LANGUAGE="JavaScript">
    <!--
function check(){
    var TicketId = document.SubForm.TicketId.value;
    if(TicketId==""){
        alert("TicketId is mandatory");
        document.SubForm.TicketId.focus();
        return false;
    }
    return true;
}

    <!-->
    </SCRIPT>
</HEAD>

```

```

<body Class=SC>
<HR>
<B><FONT COLOR="#CC00CC" face='verdana'>Cancel
Ticket</FONT></B>
<HR>
<BR><BR>

<FORM NAME="SubForm" onSubmit="return check()"
action="CancelTicket_S2.jsp">
  <CENTER>

  <TABLE BORDER="0" CELLSPACING="2" CELLPADDING="2" >
    <TR class=row_title ALIGN="center">
      <TH COLSPAN="2"> Cancel Tickets </TH>
    </TR>
    <tr class="row_even">
      <TD>Enter Your Ticket Id *</TD>
      <TD><INPUT TYPE="TEXT" NAME="TicketId" SIZE="10"
></TD>
    </TR>

    <TR class="row_odd" ALIGN="CENTER">
      <TD align=right colspan=2><INPUT
TYPE="SUBMIT" VALUE="Cancel Ticket" ></TD>
    </TR>

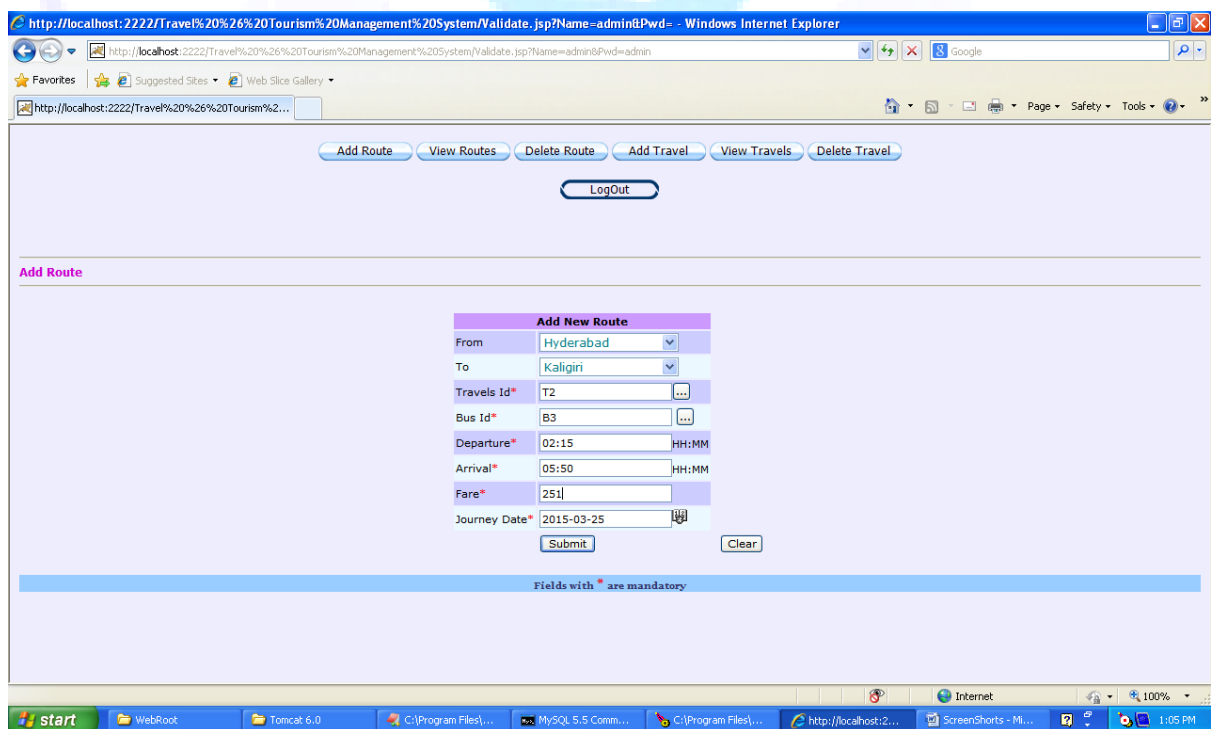
  </TABLE>
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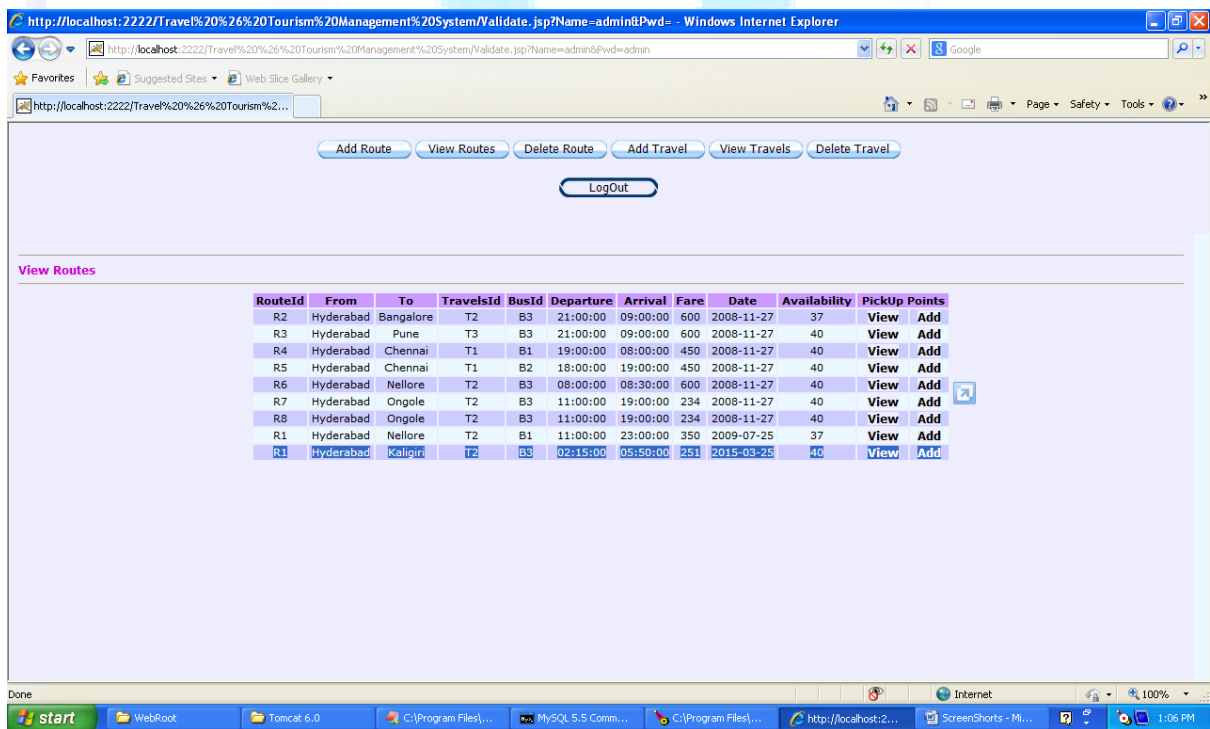
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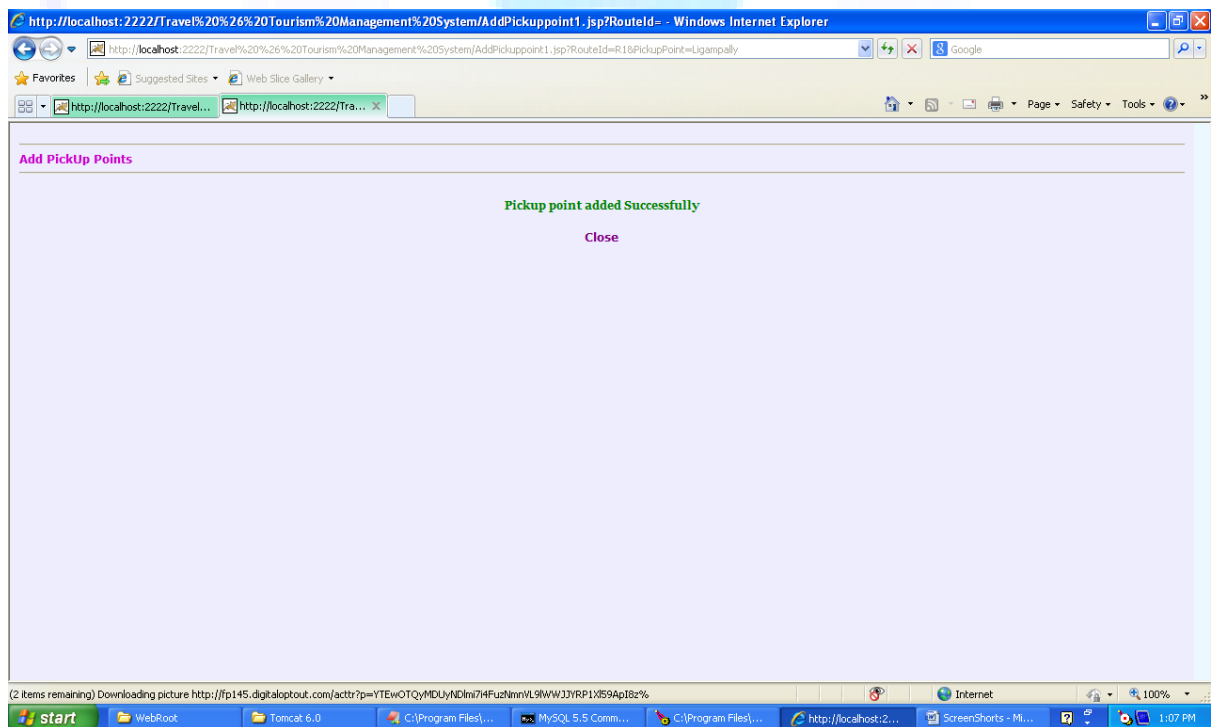
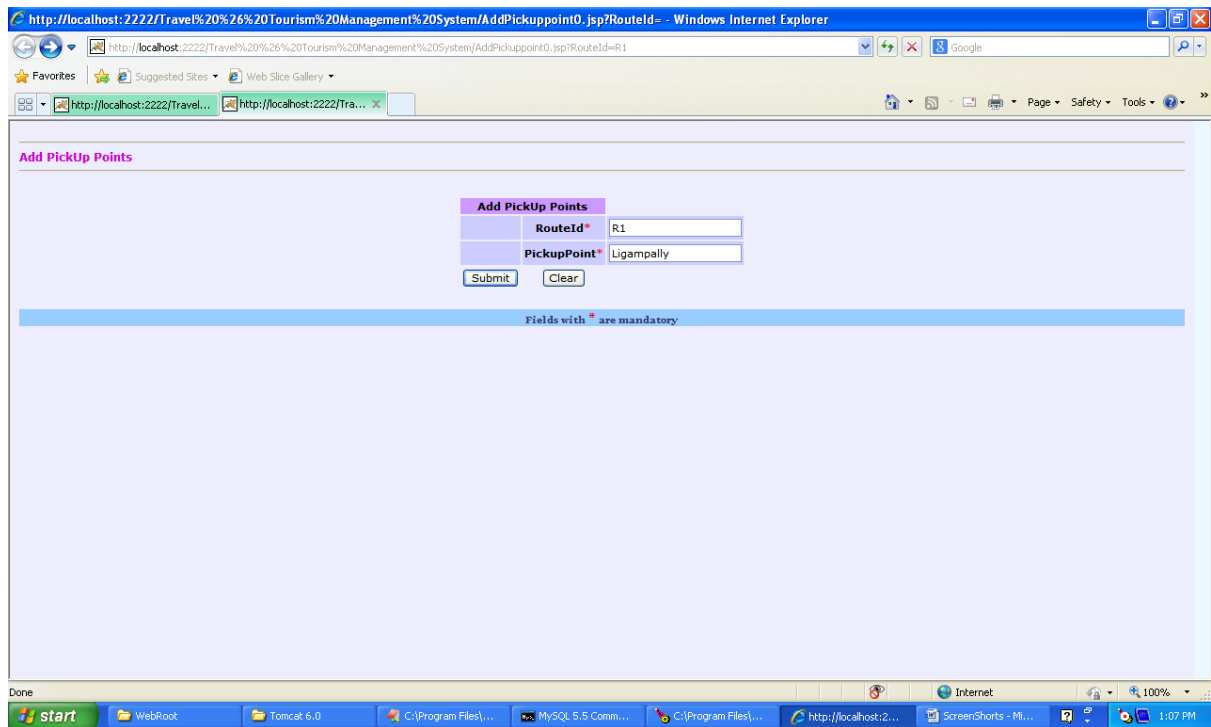
7.RESULTS

Screenshots:









8.TESTING

UNIT TESTING:

The software units in a system are modules and routines that are assembled and integrated to perform a specific function. Unit testing focuses first on modules, independently of one another, to locate errors. This enables, to detect errors in coding and logic that are contained within each module. This testing includes entering data and ascertaining if the value matches to the type and size supported by java. The various controls are tested to ensure that each performs its action as required.

INTEGRATION TESTING:

Data can be lost across any interface, one module can have an adverse effect on another, sub functions when combined, may not produce the desired major functions. Integration testing is a systematic testing to discover errors associated within the interface. The objective is to take unit tested modules and build a program structure. All the modules are combined and tested as a whole. Here the Server module and Client module options are integrated and tested.

This testing provides the assurance that the application is well integrated functional unit with smooth transition of data.

9.CONCLUSION

Travellers continue to seek authentic experiences. The tools they use to research and book these experiences are constantly changing due to innovations in technology. Destinations are also challenged by limited financial resources and strong competition for tourist dollars from other iconic and even lesser-known locations. The personalisation of travel suggests that independent travel will have a stronger presence than group travel, however, we must always consider the type of traveller. The travel services sector is being forced to innovate at a startling rate.

In the past, face to face consultations with a travel agent was paramount for booking both leisure and business travel. Technology and global circumstances, such as pandemics, financial collapses, and terrorism, have put pressure on tourism and travel services. With the development of OTAs and emerging and disruptive technologies, the travel services landscape is constantly changing.

“Travel and Tourism Management System” management process in travelling Fast processing and immediate results with high security Minimizing human effort and cost-efficient database Navigation through the site is very easy. The web site covers all the areas required for an including tourism.

