

Introduction

JSP technology is used to create web application just like Servlet technology. It can be thought of as an extension to servlet because it provides more functionality than servlet such as expression language, jstl etc.

A JSP page consists of HTML tags and JSP tags. The jsp pages are easier to maintain than servlet because we can separate designing and development. It provides some additional features such as Expression Language, Custom Tag etc.

The scripting elements provides the ability to insert java code inside the jsp. There are three types of scripting elements:

- scriptlet tag
- expression tag
- declaration tag

There are many JSP action tags or elements. Each JSP action tag is used to perform some specific tasks. The action tags are used to control the flow between pages and to use Java Bean. The Jsp action tags are given below.

JSP Action Tags Description

jsp:forward	forwards the request and response to another resource.
jsp:include	includes another resource.
jsp:useBean	creates or locates bean object.
jsp:setProperty	sets the value of property in bean object.
jsp:getProperty	prints the value of property of the bean.
jsp:plugin	embeds another components such as applet.
jsp:param	sets the parameter value. It is used in forward and include mostly.
jsp:fallback	can be used to print the message if plugin is working. It is used in jsp:plugin.

Problem Defination

Airline Reservation System basically an interaction between Admin and Client easily through web. This project describes how to creates Interaction between clients to manage the reservation System of train and view the cost of ticket . This project contain only one categories namely ADMIN, through which client can easily interact with admin .

BusinessImpact :

This project can be very easily used in the process of various purposes in reservation of ticket of various airline. User can select the train and find the cost between source and destination. User can view the status of airline, view the seat of airline. He can also change their password , update their profile. Admin can also view user list.

The definition of our problem lies in manual system and a fully automated system.

Manual system _: The system is very time consuming and lazy. This system is more prone to errors and sometimes the approach to various problems is unstructured.

Technical system : With the advent of latest technology if we do not update our system then our business result in losses gradually with time. The technical systems contains the tools of latest trend i.e. computers printers, fax, Internet etc. The systems with this technology are very fast, accurate, user-friendly and reliable.



Fig 5.1

Technical Specification

Software Specification:

Net Bean

Frontend: JSP, HTML, JAVA

Backend: MySQL

Hardware Specification:

Operating System: - Windows 7

Process: - core 3

Memory: - 4 GB RAM

Hard Disk: - 500 GB

Source Code

//Index.html

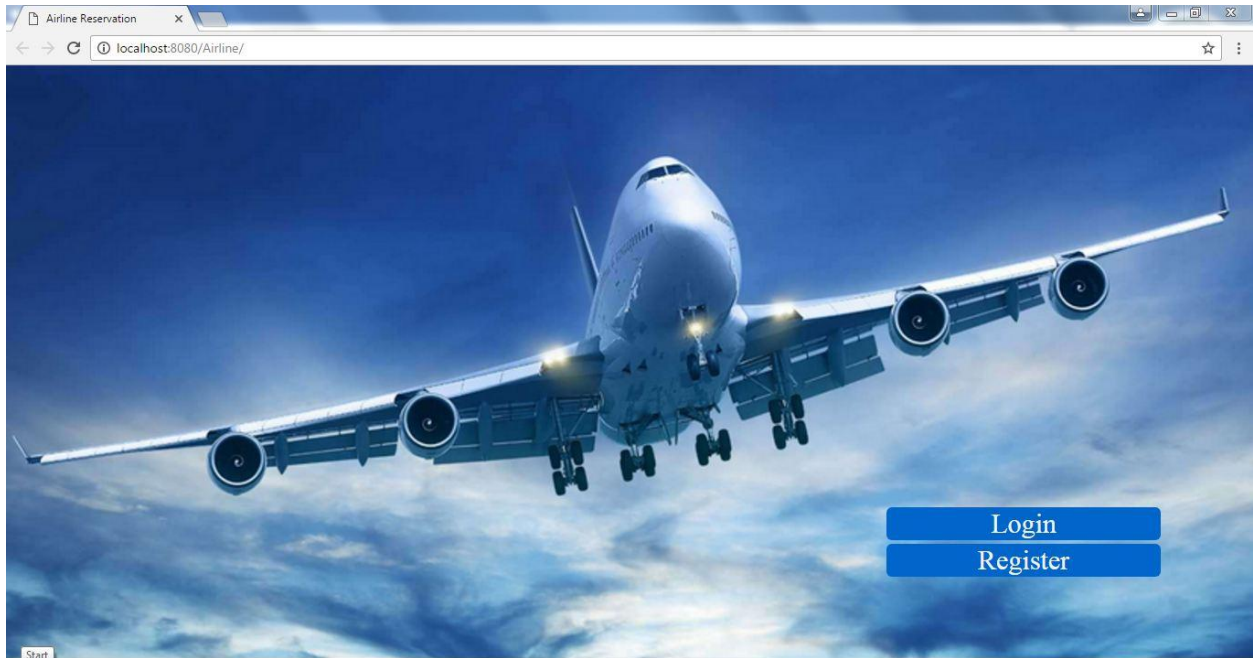


Fig 7.1

```
<html>
  <head>
    <title>Airline Reservation</title>
    <meta name="viewport" content="width=device-width" />
  </head>
  <body><table>
    <tr><td> <form method="get" action="Login.jsp">
      <button type="submit" class="button">Login</button>
    </form></tr></td>
    <br>
    <tr><td><form method="get" action="Register.jsp">
      <button type="submit" class="button">Register</button>
    </form></tr></td>
  </table>

  </body>
</html>
```

// Login.jsp

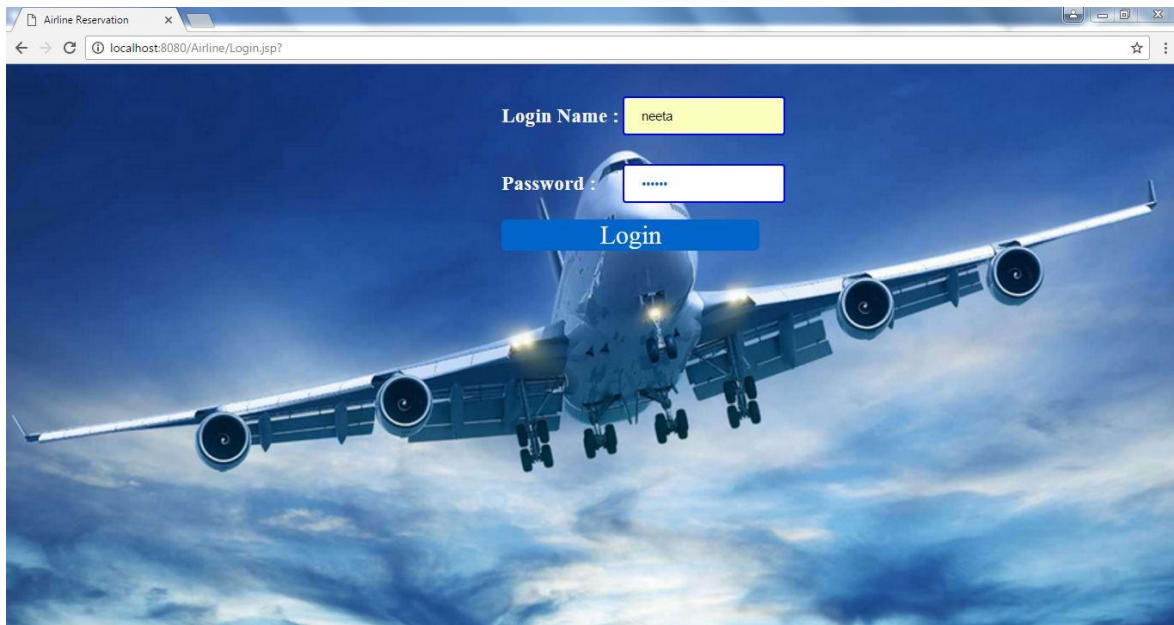


Fig 7.2

```
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <link rel="stylesheet" href="styles.css">

  <title>Airline Reservation</title>

</head>
<body>
  <form method="post" action="LoginData.jsp">
    <table align="center">
      <tr><td>    <h3>Login    Name    :</h3>    </td><td>    <input    type="text"
name="lgnm"></td></tr>
      <tr><td><h3>    Password    :</h3>    </td><td>    <input    type="password"
name="pwd"></td></tr>
      <tr><td colspan="2"> <button type="submit">Login</button></td></tr>
    </table>
  </form>
</body>
</html>
```

//Login.java

When Login Successful.



```
package Register;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.sql.*;

public class Login extends HttpServlet {
    protected void doPost(HttpServletRequest req, HttpServletResponse resp)
        throws ServletException, IOException {
        resp.setContentType("text/html;charset=UTF-8");
        PrintWriter out = resp.getWriter();
        Connection c1=null;
        Statement st=null;
        ResultSet rs1;
        String q="";
        try {
            String lgnm1=req.getParameter("lgnm");
            String ps1=req.getParameter("pwd");
            Class.forName("com.mysql.jdbc.Driver").newInstance();
            c1=DriverManager.getConnection("jdbc:mysql://localhost/airline","root","");
            st=c1.createStatement();
            q="select * from user where lname='"+lgnm1+"' and password='"+ps1+"'";
            rs1=st.executeQuery(q);
            if(rs1.next())
```

```
{
    out.println("<html>");
    out.println("<head>");
    out.println("<link rel='stylesheet' href='style1.css'>");
    out.println("Welcome, "+lgnm1+"<br>");
    out.println("<a href='Home.jsp'>Click Here to Continoue..</a>");
    out.println("</body>");
    out.println("</body>");
}
else
{
    out.println("Invalid Login<br>");
    out.println("<a href='Login.jsp'>Try Again</a>");
}
}
catch(Exception e)
{
}
}
```

//Register.jsp

Name :

Login Name :

Password :

Mobile :

Gender : ☒ Male ☐ Female

Location :

☒ I Accept terms and conditions.

Fig 7.3

```
<html>
<head>
    <link rel="stylesheet" href="styles.css">
    <title>Airline Reservation</title>
```



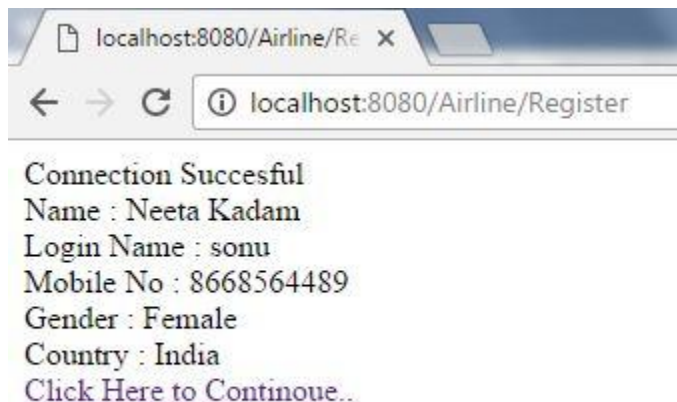
```

</head>
<body>
  <form action="Register" method="POST" >
    <table align="center">
      <tr><td> <h3>Name :</h3> </td><td> <input type="text" name="nm"></td></tr>
      <tr><td> <h3>Login Name :</h3> </td><td> <input type="text"
name="lgnm"></td></tr>
      <tr><td><h3> Password :</h3> </td><td> <input type="password"
name="ps"></td></tr>
      <tr><td> <h3>Mobile :</h3> </td><td><input type="text" name="mb"></td></tr>
      <tr><td><h3> Gender :</h3> </td><td><input type="radio" name="gen"
value="Male" checked="yes">Male</td></tr>
      <tr><td> </td><td><input type="radio" name="gen"
value="Female">Female</td></tr>
      <tr><td> <h3>Location :</h3> </td><td> <select name="country">
        <option value="America">America</option>
        <option value="Canada">Canada</option>
        <option value="England">England</option>
        <option value="India">India</option>
        <option value="Zimbabwe">Zimbabwe</option>
      </select></td></tr>
      <tr><td align="right"><input type="checkbox" name="agree"></td><td><h3>I Accept
terms and conditions.</td></tr></h3>
      <tr><td colspan="2"> <button type="submit">Register</button></td></tr>
    </table>
  </form>
</body>
</html>

```

//Register.java

When Registration is successful.




```
package Register;
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

public class Register extends HttpServlet {
    protected void doPost(HttpServletRequest req, HttpServletResponse res)
        throws ServletException, IOException {
        res.setContentType("text/html");
        PrintWriter out = res.getWriter();
        Connection c1=null;
        Statement st=null;
        String q="";
        try {
            String nm1=req.getParameter("nm");
            String lgnm1=req.getParameter("lgnm");
            String ps1=req.getParameter("ps");
            String mb1=req.getParameter("mb");
            String gen1=req.getParameter("gen");
            String country1=req.getParameter("country");
            Class.forName("com.mysql.jdbc.Driver").newInstance();
            c1=DriverManager.getConnection("jdbc:mysql://localhost/airline","root","");
            out.println("Connection Succesful<br>");
            st=c1.createStatement();
            q="insert          into          user(name,lname,password,mobile,gen,country)
values('"+nm1+"','"+lgnm1+"','"+ps1+"','"+mb1+"','"+gen1+"','"+country1+"')";
            st.executeUpdate(q);
            out.println("Name : "+nm1+"<br>");
            out.println("Login Name : "+lgnm1+"<br>");
            out.println("Mobile No : "+mb1+"<br>");
            out.println("Gender : "+gen1+"<br>");
            out.println("Country : "+country1+"<br>");
            out.println("<a href='Home.jsp'>Click Here to Continoue..</a>");
        }
        catch(Exception e)
        {
            out.println("Connection Fail..");
        }
    }
}
```

//Home.jsp

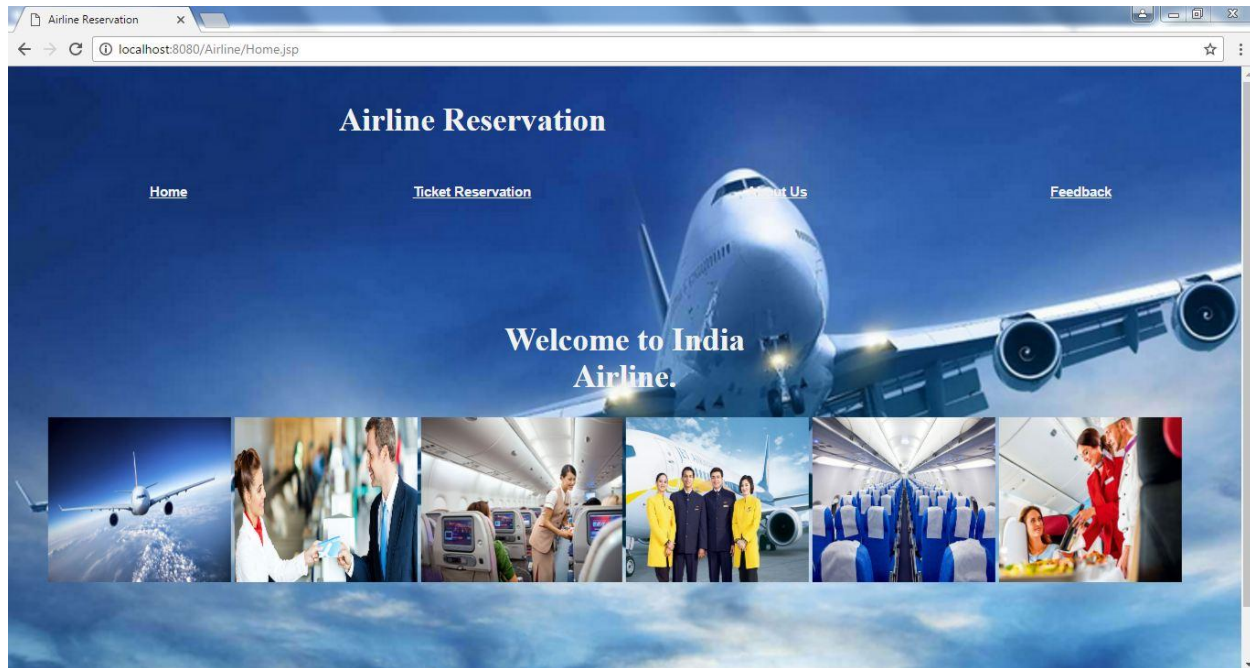


Fig 7.4

```
<html>
<head>
  <link rel="stylesheet" href="style1.css">
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <title>Airline Reservation</title>
</head>
<body>
  <table width="100%">
    <tr height="100px">
      <td colspan="3" align="center"><h1>Airline Reservation</h1></td>
      <td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
      <tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
      <td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
      <td><h3><a href="aboutus.jsp">About Us</a></h3></td>
      <td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
      <tr height="500px" align="center"><td colspan="4"><h1>Welcome to India
Airline.</h1>
      <marquee behavior="scroll"><image src="images/2.jpg" height="180px"
width="200px" />
      <image src="images/5.jpg" height="180px" width="200px" />
      <image src="images/6.jpg" height="180px" width="220px" />
```

```
<image src="images/7.jpg" height="180px" width="200px" />
<image src="images/8.jpg" height="180px" width="200px" />
<image src="images/9.jpg" height="180px" width="200px" /></marquee>
</td>
</tr>
<tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
</tr>
</table>
</body>
</html>
```

//TicketResevation.jsp

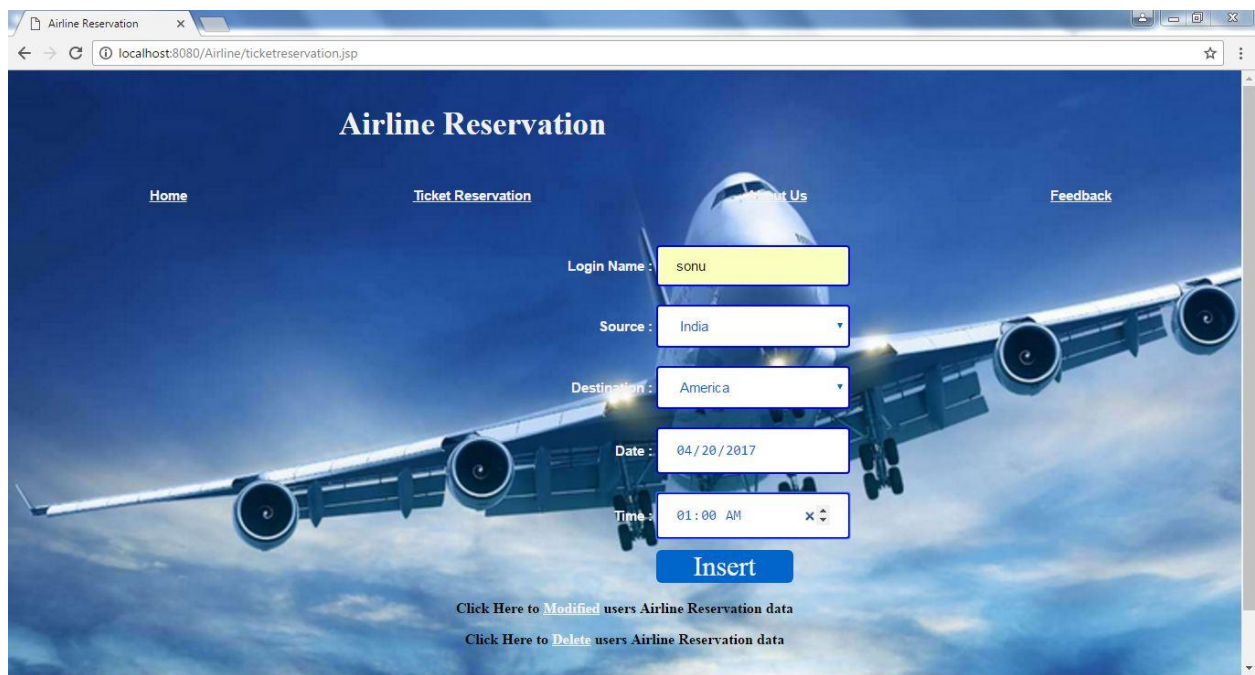


Fig 7.5

```
<html>
<head>
  <link rel="stylesheet" href="style1.css">
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <title>Airline Reservation</title>
</head>
<body>
  <table width="100%">
    <tr height="100px">
      <td colspan="3" align="center"><h1>Airline Reservation</h1></td>
```

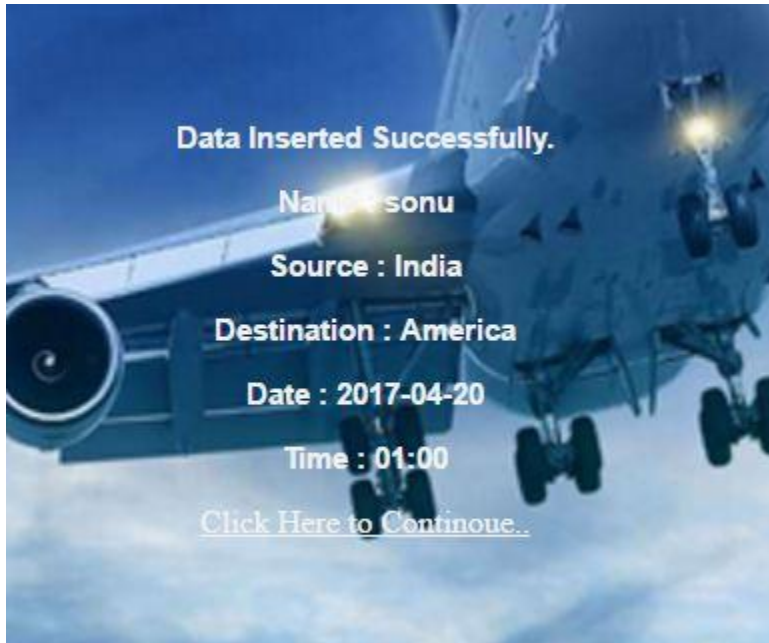
```

        <td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
        <tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
        <td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
        <td><h3><a href="aboutus.jsp">About Us</a></h3></td>
        <td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
        <tr height="500px" align="center"><td colspan="4">
            <form action="Operation.jsp" method="post"><table>
                <tr><td align="right"><h3 style="font-size: bold">Login Name :
</h3></td><td><input type="text" name="lgnm"></td></tr>
                <tr><td align="right"><h3 style="font-size: bold">Source : </h3></td><td>
<select name="source">
                    <option value="America">America</option>
                    <option value="Canada">Canada</option>
                    <option value="Egland">Egland</option>
                    <option value="India">India</option>
                    <option value="Zimbobwe">Zimbobwe</option>
                </select></td></tr>
                <tr><td align="right"><h3 style="font-size: bold">Destination :
</h3></td><td><select name="dest">
                    <option value="America">America</option>
                    <option value="Canada">Canada</option>
                    <option value="Egland">Egland</option>
                    <option value="India">India</option>
                    <option value="Zimbobwe">Zimbobwe</option>
                </select></td></tr>
                <tr><td align="right"><h3 style="font-size: bold">Date :
</h3></td><td><input type="date" name="date"/></td></tr>
                <tr><td align="right"><h3 style="font-size: bold">Time :
</h3></td><td><input type="time" name="time"/></td></tr>
                <tr><td></td><td><button style="width: 150px;"
type="submit">Insert</button></td></tr>
            </form>
        </table>
        <p><b> Click Here to <a href="Update.jsp">Modified</a> users Airline
Reservation data</b></p>
        <p><b> Click Here to <a href="delete.jsp">Delete</a> users Airline
Reservation data</b></p>
    </td>
</tr>
    <tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
</tr>
</table>
</body>
</html>

```

//**Operation.jsp** (TicketReservation Data inserted into Mysql Through this jsp page)

When Successfully inserted data:



```
<% @page import="java.sql.*" %>
<html>
<head>
<link rel="stylesheet" href="style1.css">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Airline Reservation</title>
</head>
<body>
<table width="100%">
<tr height="100px">
<td colspan="3" align="center"><h1>Airline Reservation</h1></td>
<td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
<tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
<td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
<td><h3><a href="aboutus.jsp">About Us</a></h3></td>
<td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
```

```

<tr height="500px" align="center"><td colspan="4">

    <%

Connection c1 = null;
Statement st = null;
ResultSet rs1;
String q="";

try {

    String lgnm=request.getParameter("lgnm");
    String source=request.getParameter("source");
    String dest=request.getParameter("dest");
    String date=request.getParameter("date");
    String time=request.getParameter("time");

    Class.forName("com.mysql.jdbc.Driver").newInstance();
    c1=DriverManager.getConnection("jdbc:mysql://localhost/airline","root","");

    st = c1.createStatement();
    q="insert                into                pass(lname,source,dest,date,time)
values('"+lgnm+"','"+source+"','"+dest+"','"+date+"','"+time+"')";

    st.executeUpdate(q);
    out.println("<html>");
    out.println("<head>");
    out.println("<link rel='stylesheet' href='style1.css'>");
    out.println("<h3>Data Inserted Successfully.</h3>");
    session.setAttribute("username",lgnm);
    out.print("<h3>Name : " + lgnm+"</h3>");
    out.println("<h3>Source : "+source+"</h3>");
    out.println("<h3>Destination : "+dest+"</h3>");
    out.println("<h3>Date : "+date+"</h3>");
    out.println("<h3>Time : "+time+"</h3>");
    out.println("<a href='Home.jsp'>Click Here to Continoue..</a>");
    out.println("</body>");
    out.println("</html>");
}
catch(Exception e)
{
    out.println("Invalid Insertion<br>");
    out.println("<a href='ticketreservation.jsp'>Try Again</a>");
}
    
```



```
%>
    </td>
  </tr>
  <tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
  </tr>
</table>
</body>
</html>
```

// Update.jsp

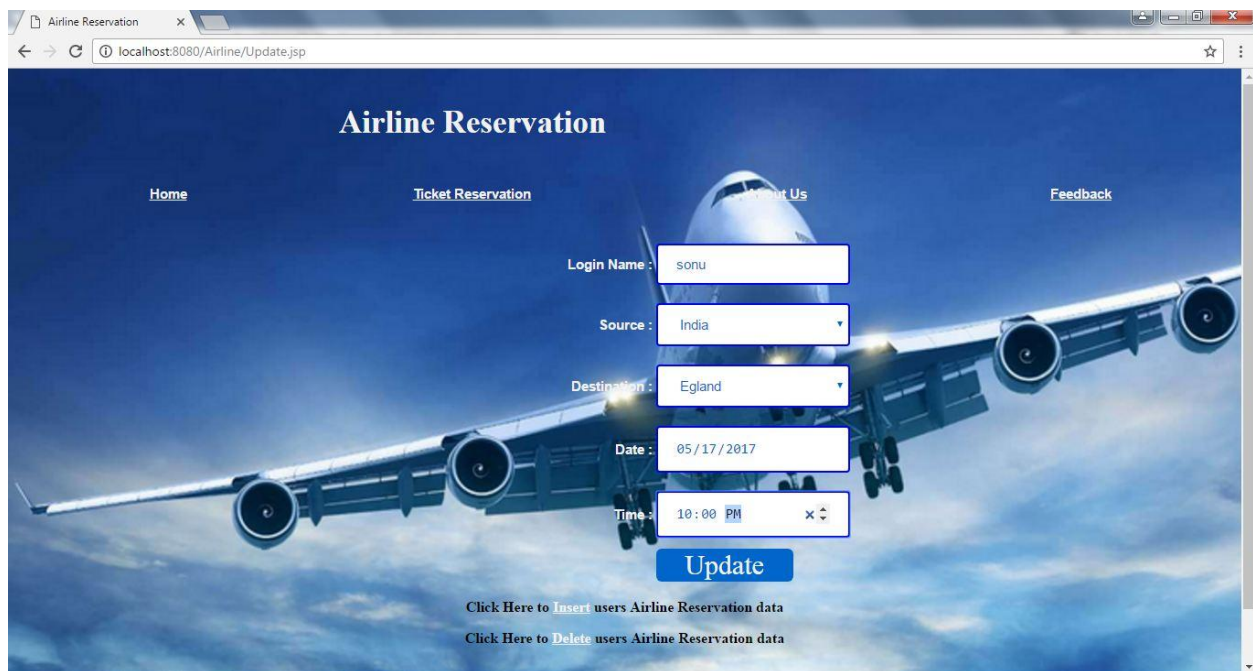


Fig 7.6

```
<% @page import="java.sql.*" %>
<html>
  <head>
    <link rel="stylesheet" href="style1.css">
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Airline Reservation</title>
  </head>
  <body>
    <table width="100%">
      <tr height="100px">
        <td colspan="3" align="center"><h1>Airline Reservation</h1></td>
        <td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
```



```

<tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
<td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
<td><h3><a href="aboutus.jsp">About Us</a></h3></td>
<td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
<tr height="500px" align="center"><td colspan="4">
<form action="updateData.jsp" method="post"><table>
<tr><td align="right"><h3 style="font-size: bold">Login Name :
</h3></td><td> <input type="text" name="lgnm"></td></tr>
<tr><td align="right"><h3 style="font-size: bold">Source : </h3></td><td>
<select name="source">
<option value="America">America</option>
<option value="Canada">Canada</option>
<option value="Egland">Egland</option>
<option value="India">India</option>
<option value="Zimbabwe">Zimbabwe</option>
</select></td> </tr>
<tr><td align="right"> <h3 style="font-size: bold">Destination :
</h3></td><td> <select name="dest">
<option value="America">America</option>
<option value="Canada">Canada</option>
<option value="Egland">Egland</option>
<option value="India">India</option>
<option value="Zimbabwe">Zimbabwe</option>
</select></td> </tr>
<tr><td align="right"><h3 style="font-size: bold">Date :
</h3></td><td><input type="date" name="date"/></td></tr>
<tr><td align="right"><h3 style="font-size: bold">Time :
</h3></td><td><input type="time" name="time"/></td></tr>
<tr><td></td><td><button style="width: 150px;"
type="submit">Update</button></td></tr>
</form>
</table>
<p> <b> Click Here to <a href="ticketreservation.jsp">Insert</a> users Airline
Reservation data</b></p>
<p> <b> Click Here to <a href="delete.jsp">Delete</a> users Airline
Reservation data</b></p>
</td>
</tr>
<tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
</tr>
</table>
</body>
</html>

```

//UpdateData.jsp

When Data Updated Successfully..



```
<html>
<head>
  <link rel="stylesheet" href="style1.css">
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <title>Airline Reservation</title>
</head>
<body>
  <table width="100%">
    <tr height="100px">
      <td colspan="3" align="center"><h1>Airline Reservation</h1></td>
      <td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
      <tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
      <td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
      <td><h3><a href="aboutus.jsp">About Us</a></h3></td>
      <td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
      <tr height="500px" align="center"><td colspan="4">
```

```

        <%
        Connection c1 = null;
        Statement st = null;
        ResultSet rs1;
        String q="";
    try
    {
        String lgnm=request.getParameter("lgnm");
        String source=request.getParameter("source");
        String dest=request.getParameter("dest");
        String date=request.getParameter("date");
        String time=request.getParameter("time");
        Class.forName("com.mysql.jdbc.Driver").newInstance();
        c1=DriverManager.getConnection("jdbc:mysql://localhost/airline","root","");
        st = c1.createStatement();
        q="update pass set source='"+source+"',dest='"+dest+"',date='"+date+"',time='"+time+"''
where lname='"+lgnm+"'";
        st.executeUpdate(q);
        out.println("<html>");
        out.println("<head>");
        out.println("<link rel='stylesheet' href='style1.css'>");
        out.println("<h3>Data Updated Successfully.</h3>");
        out.print("<h3>Name : "+lgnm+"</h3>");
        out.println("<h3>Source : "+source+"</h3>");
        out.println("<h3>Destination : "+dest+"</h3>");
        out.println("<h3>Date : "+date+"</h3>");
        out.println("<h3>Time : "+time+"</h3>");
        out.println("<a href='Home.jsp'>Click Here to Continoue..</a>");
        out.println("</body>");
        out.println("</html>");
    }
    catch(Exception e)
    {
        out.println("Invalid Updation<br>");
        out.println("<a href='Update.jsp'>Try Again</a>");
    }

    %>
</td>
</tr>
<tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
</tr>
</table>
</body>
</html>

```

//Delete.jsp

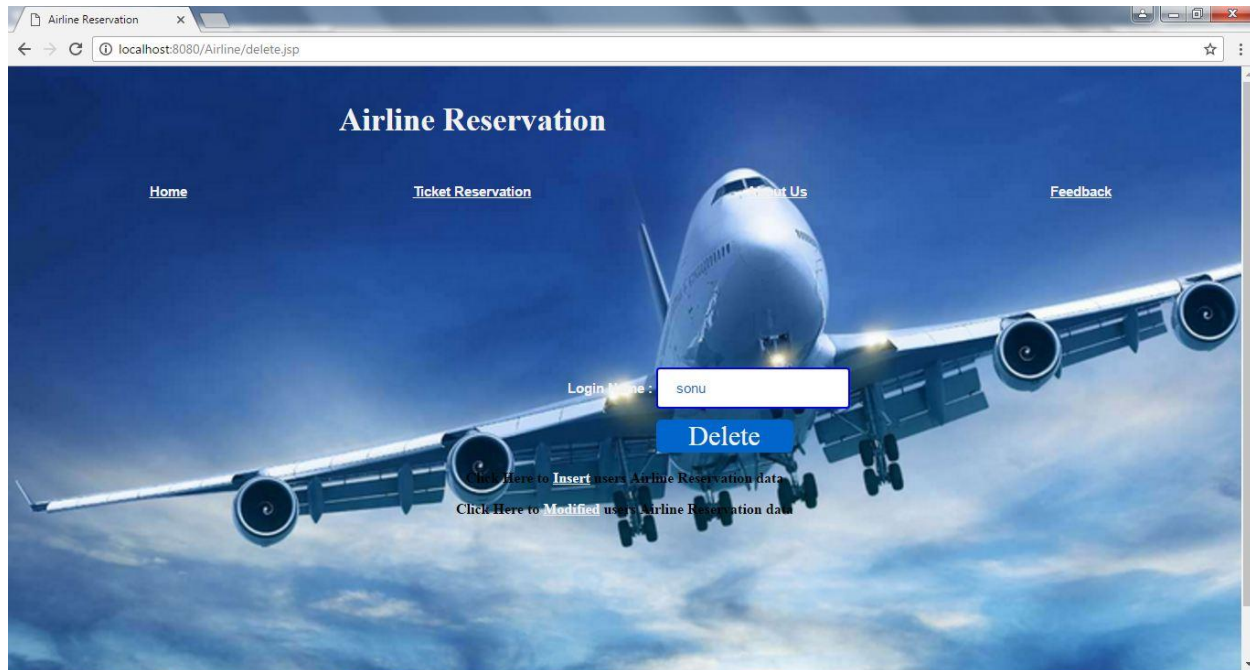


Fig 7.7

```
<html>
<head>
  <link rel="stylesheet" href="style1.css">
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <title>Airline Reservation</title>
</head>
<body>
  <table width="100%">
    <tr height="100px">
      <td colspan="3" align="center"><h1>Airline Reservation</h1></td>
      <td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
      <tr height="50px" align="center">
        <td><h3><a href="Home.jsp">Home</a></h3></td>
        <td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
        <td><h3><a href="aboutus.jsp">About Us</a></h3></td>
        <td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
      <tr height="500px" align="center"><td colspan="4">
```

```

<form action="deleteData.jsp" method="post"><table>
    <tr><td align="right"><h3 style="font-size: bold">Login Name :
</h3></td><td> <input type="text" name="lgnm"></td></tr>

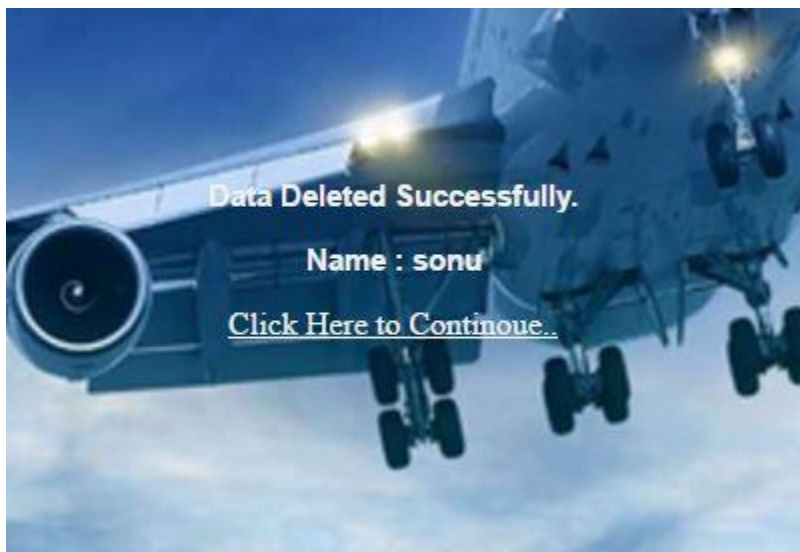
    <tr><td></td><td><button style="width: 150px;"
type="submit">Delete</button></td></tr>
    </form>
</table>
<p> <b> Click Here to <a href="ticketreservation.jsp">Insert</a> users
Airline Reservation data</b></p>
<p> <b> Click Here to <a href="Update.jsp">Modified</a> users Airline
Reservation data</b></p>

</td>
</tr>
<tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
</tr>
</table>
</body>
</html>

```

//DeleteData.jsp

After Delete.



```

<% @page import="java.sql.*" %>
<html>
<head>

```

```

<link rel="stylesheet" href="style1.css">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Airline Reservation</title>
</head>
<body>
<table width="100%">
<tr height="100px">
<td colspan="3" align="center"><h1>Airline Reservation</h1></td>
<td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
<tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
<td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
<td><h3><a href="aboutus.jsp">About Us</a></h3></td>
<td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
<tr height="500px" align="center"><td colspan="4">
<%
Connection c1 = null;
Statement st = null;
ResultSet rs1;
String q="";
try
{
String lgnm=request.getParameter("lgnm");
String source=request.getParameter("source");
String dest=request.getParameter("dest");
String date=request.getParameter("date");
String time=request.getParameter("time");
Class.forName("com.mysql.jdbc.Driver").newInstance();
c1=DriverManager.getConnection("jdbc:mysql://localhost/airline","root","");
st = c1.createStatement();
q="delete from pass where lname='"+lgnm+"'";
st.executeUpdate(q);
out.println("<html>");
out.println("<head>");
out.println("<link rel='stylesheet' href='style1.css'>");
out.println("<h3>Data Deleted Successfully.</h3>");
out.print("<h3>Name : '"+lgnm+"'</h3>");
out.println("<a href='Home.jsp'>Click Here to Continoue..</a>");
out.println("</body>");
out.println("</html>");
}
catch(Exception e)
{
out.println("Invalid Deletion<br>");
out.println("<a href='delete.jsp'>Try Again</a>");
}
}

```



```
%>
</td> </tr>
<tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td></tr>
</table>
</body>
</html>
```

//Aboutus.jsp

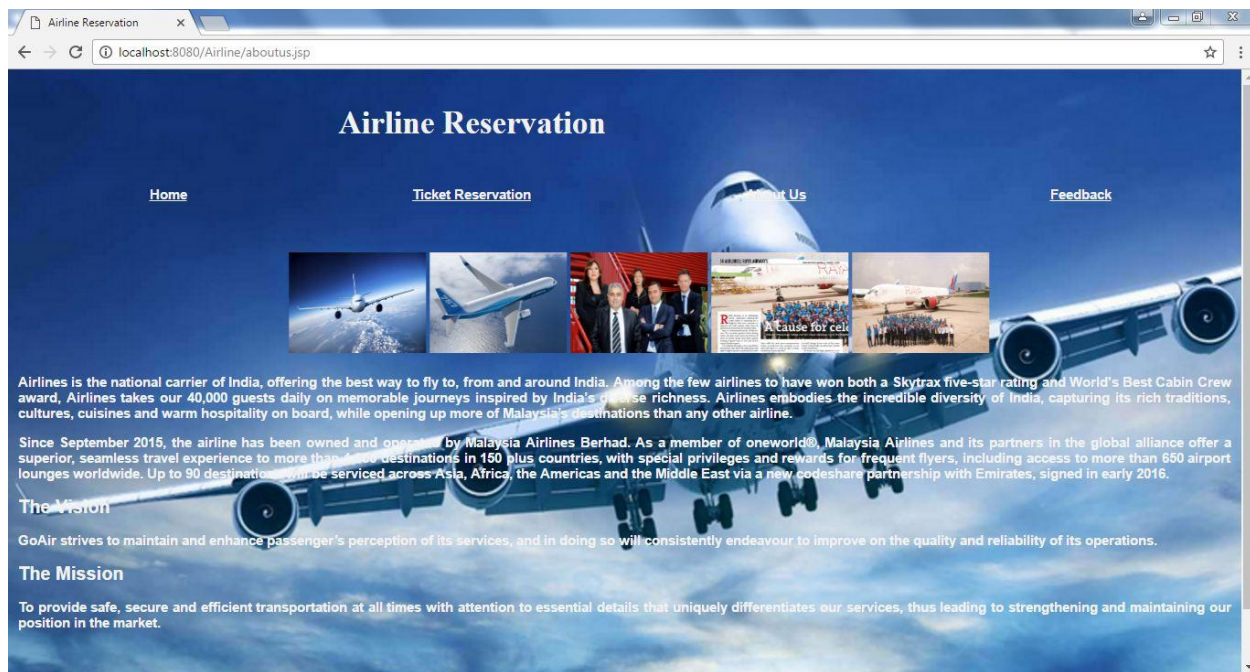


Fig 7.8

```
<html>
<head>
<link rel="stylesheet" href="style1.css">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Airline Reservation</title>
</head>
<body>
<table width="100%">
<tr height="100px">
<td colspan="3" align="center"><h1>Airline Reservation</h1></td>
<td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
<tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
<td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
<td><h3><a href="aboutus.jsp">About Us</a></h3></td>
<td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
```



```

        <tr height="500px"><td colspan="4"><marquee behavior="alternate">
        
        
        
        </marquee>
        <h3 style="text-align: justify;width: 100%;"> Airlines is the national carrier of
India, offering the best way to fly to, from and around India. Among the few airlines to have won
both a Skytrax five-star rating and World's Best Cabin
        Crew award, Airlines takes our 40,000 guests daily on memorable journeys
inspired by India's diverse richness. Airlines embodies the incredible diversity of India,
capturing its rich traditions, cultures, cuisines and warm hospitality on board, while opening up
more of Malaysia's destinations than any other airline.</h3>
        <h3 style="text-align: justify;width: 100%;">Since September 2015, the airline has
been owned and operated by Malaysia Airlines Berhad. As a member of oneworld®, Malaysia
Airlines and its partners in the global alliance offer a superior, seamless travel experience to
more than 1,000 destinations in 150 plus countries, with special privileges and rewards for
frequent flyers,
        including access to more than 650 airport lounges worldwide. Up to 90
destinations will be serviced across Asia, Africa, the Americas and the Middle East via a new
codeshare partnership with Emirates, signed in early 2016.

</h3>
        <h2>The Vision</h2><h3 style="text-align: justify;width: 100%;">GoAir strives to
maintain and enhance passenger's perception of its services, and in doing so will consistently
endeavour to improve on the quality and reliability of its operations. </h3>
        <h2>The Mission</h2><h3 style="text-align: justify;width: 100%;">To provide
safe, secure and efficient transportation at all times with attention to essential details that
uniquely differentiates our services, thus leading to strengthening and maintaining our position in
the market.</h3>
        </td>
    </tr>
    <tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
    </tr>
</table>
</body>
</html>

```

//Feedback.jsp

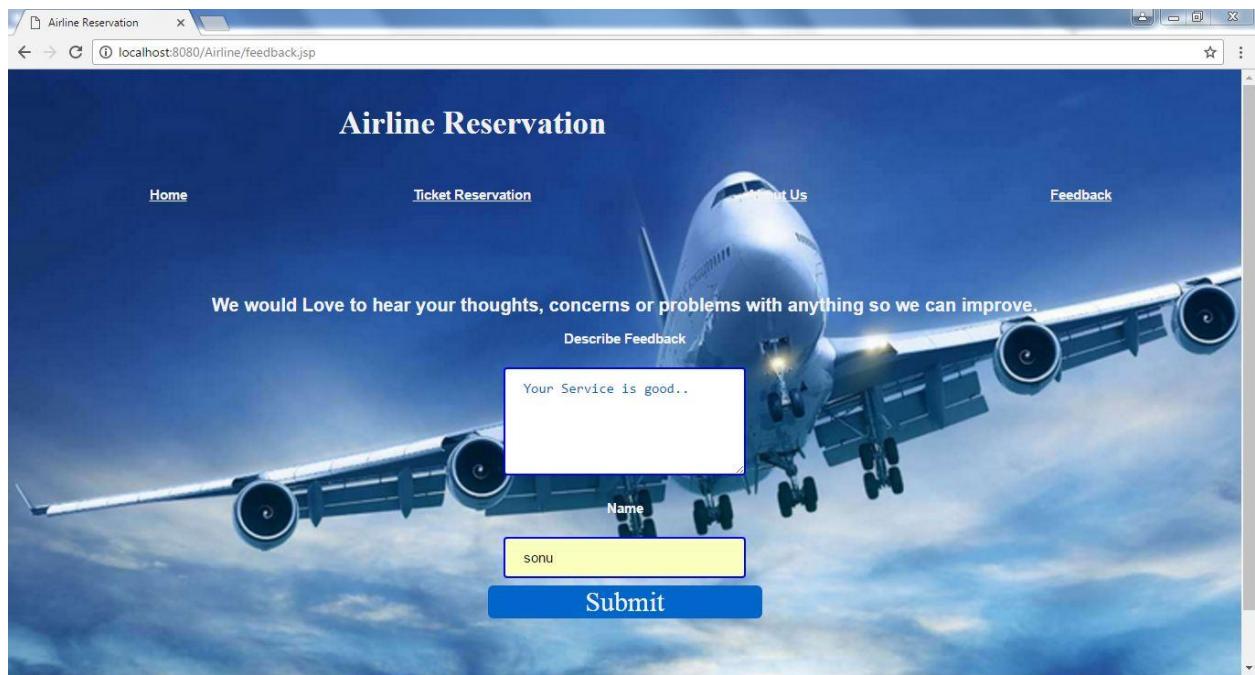
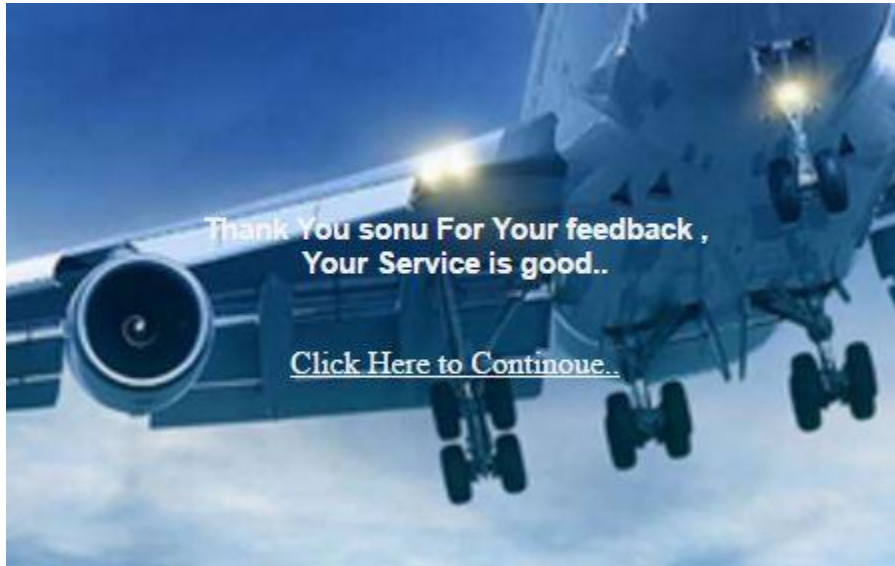


Fig 7.9

```
<html>
<head>
  <link rel="stylesheet" href="style1.css">
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <title>Airline Reservation</title>
</head>
<body>
  <table width="100%">
    <tr height="100px">
      <td colspan="3" align="center"><h1>Airline Reservation</h1></td>
      <td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
      <tr height="50px" align="center">
        <td><h3><a href="Home.jsp">Home</a></h3></td>
        <td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
```

```
<td><h3><a href="aboutus.jsp">About Us</a></h3></td>
<td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
<tr height="500px" align="center"><td colspan="4">
  <form action="feedbackData.jsp" method="post">
    <h2 style="text-align: center;width: 100%;">We would Love to hear your
thoughts, concerns or problems with anything so we can improve.</h2>
    <h3>Describe Feedback </h3>
    <textarea rows="5" cols="50" name="feed"></textarea>
    <h3>Name</h3>
    <input type="text" name="lname"/><br>
    <button type="submit">Submit</button>
  </form>
</td>
</tr>
<tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
</tr>
</table>
</body>
</html>
```

//feedbackData.jsp



```
<% @page import="java.sql.*" %>
<html>
<head>
  <link rel="stylesheet" href="style1.css">
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <title>Airline Reservation</title>
</head>
```

```

<body>
<table width="100%">
  <tr height="100px">
    <td colspan="3" align="center"><h1>Airline Reservation</h1></td>
    <td align="right" style="vertical-align: top;"><h3><jsp:include
page="header.jsp"></jsp:include></h3></td></tr>
    <tr height="50px" align="center"><td><h3><a href="Home.jsp">Home</a></h3></td>
      <td><h3><a href="ticketreservation.jsp">Ticket Reservation</a></h3></td>
      <td><h3><a href="aboutus.jsp">About Us</a></h3></td>
      <td><h3><a href="feedback.jsp">Feedback</a></h3></td></tr>
    <tr height="500px" align="center"><td colspan="4">
      <%
        Connection c1 = null;
        Statement st = null;
        ResultSet rs1;
        String q="";
        try {

          String feed=request.getParameter("feed");
          String lname=request.getParameter("lname");
          Class.forName("com.mysql.jdbc.Driver").newInstance();
          c1=DriverManager.getConnection("jdbc:mysql://localhost/airline","root","");
          st = c1.createStatement();
          q="insert into feedback values('"+feed+"','"+lname+"')";
          st.executeUpdate(q);
          out.println("<html>");
          out.println("<head>");
          out.println("<link rel='stylesheet' href='style1.css'>");
          out.println("<h3>Thank You '"+lname+"' For Your feedback ,<br>
"+feed+"</h3><br>");
          out.println("<a href='Home.jsp'>Click Here to Continoue..</a>");
          out.println("</head>");
          out.println("</body>");
        }
        catch(Exception e)
        {
          out.println("Invalid Insertion<br>");
          out.println("<a href='ticketreservation.jsp'>Try Again</a>");
        }
      %>
    </td>
  </tr>
  <tr height="20px" align="center"><td colspan="4"><footer><h3>Airline Reservation
Copyright &copy; 2017</h3></footer></td>
  </tr>
</table>

```

```
</body>
</html>
```

We use here a Cascading Style Sheets.

//Style1.css

```
body {background-image:url('image/20.jpg');          background-repeat: no-repeat;
      background-size: cover;          }
td {   font-weight:bold;          font-size: 20px;          }
      table { top:20px;          right:30%;          position:absolute;}
      button {   background-color:#0066cc;   -moz-border-radius: 5px;   -webkit-border-
radius: 5px;   border-radius:6px; color:#f2f2f2;          width:300px;          font-family:
'Oswald';          font-size: 30px;          text-decoration: none; cursor: pointer;   border:none;
      cursor: pointer;          }
      input[type=text] {   width: 80%;   padding: 12px 20px;   margin: 8px 0;   box-sizing:
border-box;   border: 2px solid blue;   border-radius: 4px;   color:#0066cc;   font-size: bold;
font-size: 15px;          }
      input[type=password] {   width: 80%;   padding: 12px 20px;   margin: 8px 0;   box-sizing:
border-box;   border: 2px solid blue;   border-radius: 4px;   color:#0066cc;   font-size: bold;
      font-size: 15px;          }
      select{   width: 80%;   padding: 12px 20px;   margin: 8px 0;   box-sizing: border-box;
border: 2px solid blue;   border-radius: 4px;   color:#0066cc;   font-size: bold;
      font-size: 15px;          }
      input[type=checkbox]{   color:#f2f2f2;          }
      label{ color:#f2f2f2; }
      h3 {          color:#f2f2f2;          }
```

Future Scope

Airline Reservation System is one the modifications that were carried out in the Passenger Service System so that the working and availability of Service area can be broadened.

This is basically an interface of Global distribution System to carry out reservations on the desired airline from any place. Airline Reservation System make the life of passengers very easy as they don't need to stand in queues for getting their seats reserved and they can easily make reservations on any airline just from a single system.

From the user's point of view the interface of the system is very easy and no technical knowledge is required to use the system. But to use this reservation system, customers need to create an account first and have to fill all the information required. If a client had already booked a ticket, he can also reschedule his booking for any other desired flight.

Conclusion

There was a lot of fun in making this project. This project was very useful to us as it provided us the inside view of the planning and implementation of the data base. In this project we had to think about the various options which we can provide to user. The implementation was not easy as we had to look into the minute details in order to achieve my goals. We have tried to make this project user friendly and also interactive by providing many features.

We are satisfied by achieving the goals for which we had planned. A lot of experimental work can be done with this project. Looking forward for any advice which can help us to improve the project.

References

Various sites referred to during making of the project are as follows:

- ✓ www.en.wikipedia.org
- ✓ www.google.com
- ✓ www.w3cschools.com

Various books referred to for Java, HTML & JSP clarification and documentation are as follows:

- Advanced Java 2 Platform by *Harvey. M. Dietal.*
- Java Server Programming, *Java EE 5(J2EE 1.5) Black Book.*