# admin.jsp:

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Admin page</title>

</head>

<body>

<form action=*"AdminFilter"* method=*"post"*>

Enter Admin name: <input type=*"text"* name=*"name"*><br>

Enter Password: <input type=*"password"* name=*"password"*><br>

<input type=*"submit"* value=*"submit"*>

</form>

</body>

</html>

# AdminFilter.jsp:

package filters;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.Filter;

import javax.servlet.FilterChain;

import javax.servlet.FilterConfig;

import javax.servlet.ServletException;

import javax.servlet.ServletRequest;

import javax.servlet.ServletResponse;

import org.hibernate.Session;

import flyawayapp.utils.HibernateUtils;

public class AdminFilter implements Filter {

public AdminFilter() {

// TODO Auto-generated constructor stub

}

public void destroy() {

// TODO Auto-generated method stub

}

public void doFilter(ServletRequest request, ServletResponse response, FilterChain chain) throws IOException, ServletException {

String name = request.getParameter("name");

String password = request.getParameter("password");

if(name == null && password == null) {

PrintWriter out = response.getWriter();

request.getRequestDispatcher("admin.jsp").include(request, response);

out.println("<h3 color='red'>Invalid admin name or password!");

} else {

Session session = HibernateUtils.getSessionFactory().openSession();

request.getRequestDispatcher("FlightDetails.jsp").forward(request, response);

System.out.println("Bye from filter");

}

}

public void init(FilterConfig fConfig) throws ServletException {

}

}

# FlightDetails.jsp:

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"* %>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Admin content</title>

</head>

<body>

<sql:setDataSource

var=*"myDB"*

driver=*"com.mysql.cj.jdbc.Driver"*

url=*"jdbc:mysql://localhost:3306/flyaway?useSSL=false"*

user=*"root"* password=*"1Leanest!"*

/>

<sql:query var=*"listItems"* dataSource=*"*${myDB}*"*>

SELECT \* FROM flyaway.flightdetails;

</sql:query>

<h1>Admin contents:</h1>

<h2>Added package:</h2>

<form action=*"InsertValueServlet"* method=*"post"*>

Enter source:<input type=*"text"* name=*"source"*>

Enter destination:<input type=*"text"* name=*"destination"*>

Enter departure: <input type=*"date"* name=*"departure"*>

Enter price: <input type=*"number"* name=*"price"*>

Enter airline: <input type=*"text"* name=*"airlines"*>

<input type=*"submit"* name=*"Submit"*>

</form>

<h2>Delete package:</h2>

<form action=*"DeleteValueServlet"* method=*"post"*>

Enter row id:<input type=*"number"* name=*"id"*>

<input type=*"submit"* name=*"Submit"*>

</form>

<div align=*"center"*>

<table border=*"1"* cellpadding=*"5"*>

<caption><h2>List of destinations</h2></caption>

<tr>

<th>ID</th>

<th>SOURCE</th>

<th>DESTINATION</th>

<th>DEPARTURE</th>

<th>PRICE</th>

<th>AIRLINES</th>

</tr>

<c:forEach var=*"item"* items=*"*${listItems.rows}*"*>

<tr>

<td><c:out value=*"*${item.id}*"* /></td>

<td><c:out value=*"*${item.SOURCE}*"* /></td>

<td><c:out value=*"*${item.DESTINATION}*"* /></td>

<td><c:out value=*"*${item.DEPARTURE}*"* /></td>

<td><c:out value=*"*${item.PRICE}*"* /></td>

<td><c:out value=*"*${item.AIRLINES}*"* /></td>

</tr>

</c:forEach>

</table>

</div>

</body>

</html>

# InsertValueServlet.java:

package db;

import java.io.IOException;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.Date;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import flyawayapp.model.FlightDetails;

import flyawayapp.utils.HibernateUtils;

public class InsertValueServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

Session session = HibernateUtils.getSessionFactory().openSession();

String source = request.getParameter("source");

String destination = request.getParameter("destination");

String departure = request.getParameter("departure");

SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");

Date startDate = null;

try {

startDate = sdf.parse(departure);

} catch (ParseException e) {

e.printStackTrace();

}

String price = request.getParameter("price");

int priceInt = Integer.parseInt(price);

String airline = request.getParameter("airlines");

// Retrieve the transaction

session.beginTransaction();

FlightDetails fd = new FlightDetails();

fd.setSource(source);

fd.setDestination(destination);

fd.setDeparture(startDate);

fd.setPrice(priceInt);

fd.setAirlines(airline);

session.save(fd);

// committing the session

session.getTransaction().commit();

session.close();

request.getRequestDispatcher("FlightDetails.jsp").forward(request, response);

}

}

# DeleteValueServlet.java:

package db;

import java.io.IOException;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.ArrayList;

import java.util.Date;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.query.NativeQuery;

import flyawayapp.model.FlightDetails;

import flyawayapp.utils.HibernateUtils;

public class DeleteValueServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

Session session = HibernateUtils.getSessionFactory().openSession();

String identity = request.getParameter("id");

int identityInt = Integer.parseInt(identity);

// retrieve the transcation

session.beginTransaction();

// select the row to delete

String sqlRow = "DELETE FROM `flyaway`.`flightdetails` WHERE (`id` = " + identityInt + ");";

NativeQuery rowQuery = session.createSQLQuery(sqlRow);

int row = rowQuery.executeUpdate();

// committing the session

session.getTransaction().commit();

session.close();

request.getRequestDispatcher("FlightDetails.jsp").forward(request, response);

}

}