

COM

1)AdminFlightServlet

```
package com;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import model.Flight;
import model.FlightDAOImpl;
import java.text.DateFormat;
import java.text.ParseException;

import java.text.SimpleDateFormat;
import java.util.Date;

@WebServlet("/AdminFlightServlet")
public class AdminFlightServlet extends HttpServlet
{
    protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException
    {
        DateFormat formatter = new SimpleDateFormat("yyyy-mm-dd");
        DateFormat dateFormat = new SimpleDateFormat("hh:mm:ss");
        DateFormat formatter1 = new SimpleDateFormat("dd/MM/yyyy");
        SimpleDateFormat format = new SimpleDateFormat("HH:mm");
        //DateFormat formatter = new SimpleDateFormat("HH:mm");
        Date arrtime = null,deptime = null;
        String flyNo=null,Src=null,Dest=null;

        try {

            java.util.Date schdate = new SimpleDateFormat("yyyy-MM-
dd").parse(request.getParameter("schdate"));
            java.sql.Date sqlschDate = new java.sql.Date(schdate.getTime());

            java.util.Date depTime
=(java.util.Date)format.parse(request.getParameter("deptime"));

            java.sql.Time sqlDepTime = new java.sql.Time(depTime.getTime());

            java.util.Date arrTime
=(java.util.Date)format.parse(request.getParameter("arrtime"));

            java.sql.Time sqlArrTime = new java.sql.Time(arrTime.getTime());

            System.out.println("Departure time:"+ request.getParameter("deptime"));
            System.out.println("After change deptime"+deptime);
```

```

        System.out.println("javadate"+schdate);
        System.out.println("sch sqldate"+sqlschDate);
        System.out.println("sqlDeptime :"+depTime);
        int seats=Integer.parseInt(request.getParameter("seats"));
        int
duration=Integer.parseInt(request.getParameter("duration"));
        double
price=Double.parseDouble(request.getParameter("price"));

        Flight flight=new
Flight(request.getParameter("flyno"),request.getParameter("src"),request.getParamet
er("dest"),sqlArrTime,sqlDepTime,sqlschDate,seats,duration,price);
        FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
        FlightDAOImpl.initDataBase();
        flightDAOImpl.addFlight(flight);

    } catch (ParseException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }

}
}

```

2)SignInServlet

```

package com;

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import model.User;
import model.UserDAOImpl;

//import model.User;
//import model.UserDAOImpl;

@WebServlet("/SignInServlet")
public class SignInServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

```

```

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

        PrintWriter out = response.getWriter();
        response.setContentType("text/html");

        String username= request.getParameter("username");
        String password=request.getParameter("password");
        if(username.equals("Admin") && password.equals("Admin"))
        {
            out.println("<h2>Sign In Successfull !</h2>");
            RequestDispatcher rd =
request.getRequestDispatcher("AdminWelcome.html");
            rd.forward(request, response);

        }
        else
        {
            User user = new User(0,username,password);

            UserDAOImpl userDAOImpl = new UserDAOImpl();

            UserDAOImpl.initDataBase();
            boolean res = userDAOImpl.signin(user);

            if(res) {
                out.println("<h2>Sign In Successfull !</h2>");
                RequestDispatcher rd =
request.getRequestDispatcher("index.html");
                rd.forward(request, response);
            }

            else {
                out.println("<h2>Credentials did not match please try one more
time</h2>");
                RequestDispatcher rd =
request.getRequestDispatcher("SignUp.jsp");
                rd.include(request, response);
            }
        }

    }
}

```

3)SignUpServlet

```

-----
package com;

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;

```

```

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import model.User;
import model.UserDAOImpl;

@WebServlet("/SignUpServlet")
public class SignUpServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

        PrintWriter out = response.getWriter();
        response.setContentType("text/html");

        User user = new User(0, request.getParameter("username"),
request.getParameter("password"));

        UserDAOImpl userDAOImpl = new UserDAOImpl();

        UserDAOImpl.initDataBase();
        boolean res = userDAOImpl.signup(user);

        if (res) {
            out.println("<h2>Sign Up Successfull !</h2>");
            RequestDispatcher rd =
request.getRequestDispatcher("SignInFront.jsp");
            rd.forward(request, response);
            response.sendRedirect("SignInFront.jsp?success=1");
        }
        else {
            out.println("<h2>There was some error, please try again</h2>");
            RequestDispatcher rd =
request.getRequestDispatcher("SignInFront.jsp");
            rd.include(request, response);
        }
    }
}

```

MODEL

1) Flight

```

-----
package model;
import java.sql.Date;

import java.sql.Time;

import javax.persistence.*;
@Entity
public class Flight
{

```

```

public Flight() {
    super();
    // TODO Auto-generated constructor stub
}

@Id
private String fly_Num;
private String source;
private String destination;
private Time arrival_time;
private Time departure_time;
private Date schedule;
private int seats;
private int duration;
private double price;
public Flight(String fly_Num, String source, String destination, Time
arrival_time, Time departure_time,
                Date schedule, int seats, int duration, double price) {
    super();
    this.fly_Num = fly_Num;
    this.source = source;
    this.destination = destination;
    this.arrival_time = arrival_time;
    this.departure_time = departure_time;
    this.schedule = schedule;
    this.seats = seats;
    this.duration = duration;
    this.price = price;
}
public Flight(String Source,String Destination,Date sqlschDate)
{
    source=Source;
    destination=Destination;
    schedule=sqlschDate;
}

public String getFly_Num() {
    return fly_Num;
}
public void setFly_Num(String fly_Num) {
    this.fly_Num = fly_Num;
}
public String getSource() {
    return source;
}
public void setSource(String source) {
    this.source = source;
}
public String getDestination() {
    return destination;
}
public void setDestination(String destination) {
    this.destination = destination;
}
public Time getArrival_time() {
    return arrival_time;
}
}

```

```

    public void setArrival_time(Time arrival_time) {
        this.arrival_time = arrival_time;
    }
    public Time getDeparture_time() {
        return departure_time;
    }
    public void setDeparture_time(Time departure_time) {
        this.departure_time = departure_time;
    }
    public Date getSchedule() {
        return schedule;
    }
    public void setSchedule(Date schedule) {
        this.schedule = schedule;
    }
    public int getSeats() {
        return seats;
    }
    public void setSeats(int seats) {
        this.seats = seats;
    }
    public int getDuration() {
        return duration;
    }
    public void setDuration(int duration) {
        this.duration = duration;
    }
    public double getPrice() {
        return price;
    }
    public void setPrice(double price) {
        this.price = price;
    }
    @Override
    public String toString() {
        return "Flight [fly_Num=" + fly_Num + ", source=" + source + ",
destination=" + destination + ", arrival_time="
            + arrival_time + ", departure_time=" + departure_time + ",
schedule=" + schedule + ", seats=" + seats
            + ", duration=" + duration + ", price=" + price + ",
getFly_Num()" + getFly_Num() + ", getSource()" +
            + getSource() + ", getDestination()" + getDestination() +
            + ", getArrival_time()" + getArrival_time()
            + ", getDeparture_time()" + getDeparture_time() + ",
getSchedule()" + getSchedule() + ", getSeats()" +
            + getSeats() + ", getDuration()" + getDuration() + ",
getPrice()" + getPrice() + ", getClass()" +
            + getClass() + ", hashCode()" + hashCode() + ",
toString()" + super.toString() + "];"
    }
}
}

```

2)FlightDAO

```
-----  
package model;  
  
import java.util.List;  
  
public interface FlightDAO  
{  
    void addFlight(Flight Flight);  
    List SearchFlight(Flight Flight);  
}
```

3)FlightDAOImpl

```
-----  
package model;  
  
import java.sql.Date;  
import java.sql.Time;  
import java.util.Iterator;  
import java.util.List;  
  
import javax.persistence.Query;  
  
import org.hibernate.Session;  
import org.hibernate.SessionFactory;  
import org.hibernate.Transaction;  
import org.hibernate.cfg.Configuration;  
  
public class FlightDAOImpl implements FlightDAO  
{  
    static Session session;  
    static Transaction tx;  
    public static void initDataBase() {  
        Configuration cfg=new Configuration();  
        cfg.configure("hibernate.cfg.xml");  
  
        SessionFactory factory=cfg.buildSessionFactory();  
        session=factory.openSession();  
        tx=session.beginTransaction();  
    }  
    @Override  
    public void addFlight(Flight flight)  
    {  
        try {  
            session.save(flight);  
            tx.commit();  
            System.out.println("Data inserted Successfully....!");  
        }  
        catch (Exception e) {  
            System.out.println(e);  
        }  
    }  
    public boolean UpdateFlight(String fly_Num, String source, String  
destination, Time arrival_time, Time departure_time,  
        Date schedule, int seats, int duration, double price)
```

```

        {
            String hql2 = "UPDATE Flight SET
source=:source,destination=:destination,arrival_time=:arrival_time,"
+
"departure_time=:departure_time,schedule=:schedule,seats=:seats,duration=:duration,
price=:price WHERE fly_Num=:fly_Num";
            Query query1 = session.createQuery(hql2);
            query1.setParameter("fly_Num",fly_Num);
            query1.setParameter("source",source);
            query1.setParameter("destination",destination);
            query1.setParameter("arrival_time",arrival_time);
            query1.setParameter("departure_time",departure_time);
            query1.setParameter("schedule",schedule);
            query1.setParameter("seats",seats);
            query1.setParameter("duration",duration);
            query1.setParameter("price",price);

            int rr = query1.executeUpdate();

            tx.commit();

            if (rr != 0) {
                return true;
            } else {
                return true;
            }
        }
    }

    public void deleteFlight(String fly_num)
    {
        try {
            Flight f=new Flight();
            f.setFly_Num(fly_num);
            session.delete(f);
            tx.commit();
            System.out.println("Data deleted Successfully....!");
        }
        catch (Exception e) {
            System.out.println(e);
        }
    }

    @Override
    public List SearchFlight(Flight Flight)
    {
        String hql = "FROM Flight WHERE schedule=:schdate and source=:source1
and destination=:dest";
        Query query = session.createQuery(hql);
        query.setParameter("schdate", Flight.getSchedule());
        query.setParameter("source1", Flight.getSource());
        query.setParameter("dest", Flight.getDestination());
        System.out.println(Flight.getSource()+Flight.getDestination());
        List result = ((org.hibernate.query.Query) query).list();
        return result;
    }

    public List SearchFlightFlyNo(String FlyNo)
    {

```



```

        String hql = "FROM Flight WHERE fly_Num=:fly_Num ";
        Query query = session.createQuery(hql);
        query.setParameter("fly_Num",FlyNo );

        List result = ((org.hibernate.query.Query) query).list();
        return result;
    }
    public static boolean FlightUpdate(String flyNum ,int passengers)
    {
        String hql = "FROM Flight WHERE fly_Num=:fly_Num ";
        Query query = session.createQuery(hql);
        query.setParameter("fly_Num",flyNum );
        Flight f2=new Flight();
        List result = ((org.hibernate.query.Query) query).list();
        Iterator i=result.iterator();
        while(i.hasNext())
        {
            f2=(Flight)i.next();
        }
        System.out.println("seats:"+ f2.getSeats());
        int seats=f2.getSeats();
        int newSeats=seats-passengers;
        String hql2 = "UPDATE Flight SET seats=:seats WHERE fly_Num=:flyNum";

        Query query1 = session.createQuery(hql2);
        query1.setParameter("flyNum", flyNum);
        query1.setParameter("seats", newSeats);
        int rr = query1.executeUpdate();

        tx.commit();

        if (rr != 0) {
            return true;
        } else {
            return true;
        }
    }
}

public List SearchAllFlight()
{
    String hql = "FROM Flight";
    Query query = session.createQuery(hql);

    List result = ((org.hibernate.query.Query) query).list();
    return result;
}
}

```

4)Passenger

package model;

```

public class Passenger
{

```

```

private String flightNumber;
private String firstName;
private String lastName;
private long mobileNumber;
private int noOfPerson;
private String address;
public Passenger(String flightNumber, String firstName, String lastName, long
mobileNumber, int noOfPerson,String address)
{

    this.flightNumber = flightNumber;
    this.firstName = firstName;
    this.lastName = lastName;
    this.mobileNumber = mobileNumber;
    this.noOfPerson = noOfPerson;
    this.address = address;
}

public String getFlightNumber() {
    return flightNumber;
}
public void setFlightNumber(String flightNumber) {
    this.flightNumber = flightNumber;
}
public String getFirstName() {
    return firstName;
}
public void setFirstName(String firstName) {
    this.firstName = firstName;
}
public String getLastName() {
    return lastName;
}
public void setLastName(String lastName) {
    this.lastName = lastName;
}
public long getMobileNumber() {
    return mobileNumber;
}
public void setMobileNumber(long mobileNumber) {
    this.mobileNumber = mobileNumber;
}
public int getNoOfPerson() {
    return noOfPerson;
}
public void setNoOfPerson(int noOfPerson) {
    this.noOfPerson = noOfPerson;
}
public String getAddress() {
    return address;
}
public void setAddress(String address) {
    this.address = address;
}

}

```

5)PassengerDAO

```
package model;

import java.util.List;

public interface PassengerDAO
{
    int addPassenger(Passenger passenger);
    List searchPassenger(Passenger passenger);
}
```

6)PassengerDAOImpl

```
package model;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.List;

public class PassengerDAOImpl implements PassengerDAO
{
    public static Connection con;

    public static void initDataBase() {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            System.out.println("Driver is loaded.");

            con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Airways", "root",
"Jagdishmohan@1");
            System.out.println("Connection is established.");

        } catch (Exception e) {
            e.printStackTrace();
        }
    }

    @Override
    public int addPassenger(Passenger passenger)
    {
        int res = -1;
        ResultSet rs = null;
        Statement stmt = null;
        int autoIncKeyFromFunc = -1;
        try {
            PreparedStatement pst = con.prepareStatement("insert into
Passenger(FirstName,LastName,PhNo,NoOfPer,Addr,FlyNo) values (?, ?, ?, ?, ?, ?)");
```

```

        pst.setString(1, passenger.getFirstName());
        pst.setString(2, passenger.getLastName());
        pst.setLong(3, passenger.getMobileNumber());
        pst.setInt(4, passenger.getNoOfPerson());
        pst.setString(5, passenger.getAddress());
        pst.setString(6, passenger.getFlightNumber());

        res = pst.executeUpdate();
        rs = pst.executeQuery("SELECT LAST_INSERT_ID()");

        if (rs.next()) {
            autoIncKeyFromFunc = rs.getInt(1);
        } else {
            // throw an exception from here
        }

    } catch (SQLException e)
    {
        e.printStackTrace();
    }

    return autoIncKeyFromFunc;
}

public List searchPassenger(Passenger passenger)
{
    List result = null ;
    try {
        PreparedStatement pst = con.prepareStatement("select * from
Passenger where FlyNo=?");
        pst.setString(1, passenger.getFlightNumber());

    }
    catch (SQLException e)
    {
        e.printStackTrace();
    }

    return result;
}
}

```

7)PaymentInfoDAOImpl

```

package model;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;

```

```

public class PaymenInfoDAOImpl implements PaymentInfoDAO
{
    public static Connection con;

    public static void initDataBase()
    {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            System.out.println("Driver is loaded.");

            con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Airways", "root",
"Jagdishmohan@1");
            System.out.println("Connection is established.");

        } catch (Exception e)
        {
            e.printStackTrace();
        }
    }

    @Override
    public boolean addPaymentinfo(PaymentInfo payInfo)
    {
        int res = -1;

        try {
            PreparedStatement pst = con.prepareStatement("insert into
PaymentInfo(userId,cardNo,cardHolderName,cardMon,cardYear,paidDate,paidAmt) values
(?,?,?,?,?,?,?)");
            pst.setInt(1,payInfo.getUserId());
            pst.setString(2,payInfo.getCardNumber());
            pst.setString(3,payInfo.getCardHolderName());
            pst.setString(4,payInfo.getMonth());
            pst.setString(5,payInfo.getYear());
            pst.setDate(6,payInfo.getPaidDate());
            pst.setDouble(7,payInfo.getPaidAmount());
            res = pst.executeUpdate();
        } catch (SQLException e)
        {
            e.printStackTrace();
        }

        return (res == 1) ? true : false;
    }
}

```

8)PaymentInfo

```

-----
package model;

import java.sql.Date;

```

```

public class PaymentInfo
{
    private int userId;
    private String cardNumber;
    private String cardHolderName;
    private String cvv;
    private String month;
    private String year;
    private Date paidDate;
    private double paidAmount;

    public PaymentInfo(int userId, String cardNumber, String cardHolderName,
String cvv, String month, String year,
        Date paidDate, double paidAmount) {
        super();
        this.userId = userId;
        this.cardNumber = cardNumber;
        this.cardHolderName = cardHolderName;
        this.cvv = cvv;
        this.month = month;
        this.year = year;
        this.paidDate = paidDate;
        this.paidAmount = paidAmount;
    }

    public int getUserId() {
        return userId;
    }

    public void setUserId(int userId) {
        this.userId = userId;
    }

    public String getCardNumber() {
        return cardNumber;
    }

    public void setCardNumber(String cardNumber) {
        this.cardNumber = cardNumber;
    }

    public String getCardHolderName() {
        return cardHolderName;
    }

    public void setCardHolderName(String cardHolderName) {
        this.cardHolderName = cardHolderName;
    }

    public String getCvv() {
        return cvv;
    }

    public void setCvv(String cvv) {
        this.cvv = cvv;
    }

    public String getMonth() {

```

```

        return month;
    }

    public void setMonth(String month) {
        this.month = month;
    }

    public String getYear() {
        return year;
    }

    public void setYear(String year) {
        this.year = year;
    }

    public Date getPaidDate() {
        return paidDate;
    }

    public void setPaidDate(Date paidDate) {
        this.paidDate = paidDate;
    }

    public double getPaidAmount() {
        return paidAmount;
    }

    public void setPaidAmount(double paidAmount) {
        this.paidAmount = paidAmount;
    }
}

```

9)PaymentInfoDAO

```

-----
package model;

public interface PaymentInfoDAO
{
    boolean addPaymentinfo(PaymentInfo payInfo);
}

```

10)User

```

-----
package model;

public class User {

    private int id;
    private String username;
    private String password;

    public User() {

    }
}

```

```

    public User(int id, String username, String password) {
        this.id = id;
        this.username = username;
        this.password = password;
    }

    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }

    public String getUsername() {
        return username;
    }

    public void setUsername(String username) {
        this.username = username;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }

    @Override
    public String toString() {
        return "User [id=" + id + ", username=" + username + ", password=" +
password + "]\n";
    }
}

```

11)UserDAO

```

-----

package model;

public interface UserDAO {

    boolean signin(User user);
    boolean signup(User user);

}

```

11)UserDAOImpl

```

-----

package model;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

```



```

public class UserDAOImpl implements UserDAO {
    public static Connection con;

    public static void initDataBase() {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            System.out.println("Driver is loaded.");

            con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Airways", "root",
"Jagdishmohan@1");
            System.out.println("Connection is established.");

        } catch (Exception e) {
            e.printStackTrace();
        }
    }

    @Override
    public boolean signin(User user) {
        try {
            PreparedStatement pst = con.prepareStatement("select * from user
where username=? and password=?");
            pst.setString(1, user.getUsername());
            pst.setString(2, user.getPassword());
            ResultSet rs = pst.executeQuery();
            if (rs != null && rs.next()) {
                return true;
            }
        } catch (SQLException e) {
            e.printStackTrace();
        }
        return false;
    }

    @Override
    public boolean signup(User user) {
        int res = -1;
        try {
            PreparedStatement pst = con.prepareStatement("insert into
user(username, password) values (?,?)");
            pst.setString(1, user.getUsername());
            pst.setString(2, user.getPassword());
            res = pst.executeUpdate();
        } catch (SQLException e) {
            e.printStackTrace();
        }

        return (res == 1) ? true : false;
    }
}

```

1)Add FlightDB.jsp

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

import="java.io.IOException,java.sql.Time,javax.servlet.ServletException,javax.serv
let.annotation.WebServlet,javax.servlet.http.HttpServlet,
    model.Flight,model.FlightDAOImpl,
java.text.DateFormat,java.text.ParseException,java.text.SimpleDateFormat,java.util.
Date"
%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>

<button type="button" onclick="location.href='AdminWelcome.html'">Admin Home
Page</button>
<%
DateFormat formatter = new SimpleDateFormat("yyyy-mm-dd");
DateFormat dateFormat = new SimpleDateFormat("hh:mm:ss");
DateFormat formatter1 = new SimpleDateFormat("dd/MM/yyyy");
SimpleDateFormat format = new SimpleDateFormat("HH:mm");
//DateFormat formatter = new SimpleDateFormat("HH:mm");
Date arrtime = null,deptime = null;
String flyNo=null,Src=null,Dest=null;
try {

java.util.Date schdate = new SimpleDateFormat("yyyy-MM-
dd").parse(request.getParameter("schdate"));
java.sql.Date sqlschDate = new java.sql.Date(schdate.getTime());
java.util.Date depTime
=(java.util.Date)format.parse(request.getParameter("deptime"));
java.sql.Time sqlDepTime = new java.sql.Time(depTime.getTime());
java.util.Date arrTime
=(java.util.Date)format.parse(request.getParameter("arrtime"));
java.sql.Time sqlArrTime = new java.sql.Time(arrTime.getTime());
    System.out.println("Departure time:"+ request.getParameter("deptime"));
    System.out.println("After change deptime"+deptime);

    System.out.println("javadate"+schdate);
    System.out.println("sch sqldate"+sqlschDate);
    System.out.println("sqlDeptime :"+depTime);
    int seats=Integer.parseInt(request.getParameter("seats"));
        int duration=Integer.parseInt(request.getParameter("duration"));
        double price=Double.parseDouble(request.getParameter("price"));

        Flight flight=new
Flight(request.getParameter("flyno"),request.getParameter("src"),request.getParamet
er("dest"),sqlArrTime,sqlDepTime,sqlschDate,seats,duration,price);
        FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
        FlightDAOImpl.initDataBase();
}
```

```

        flightDAOImpl.addFlight(flight);

        out.print("Data Added Successfully");

    } catch (ParseException e) {
        // TODO Auto-generated catch block
        out.print(e);
    }

    %>
</body>
</html>

```

2)AdminAddFlight.html

```

-----
<!DOCTYPE html>
<html>
<head>
<style>
    body {font-family: Arial, Helvetica, sans-serif;}
    * {box-sizing: border-box}

    /* Full-width input fields */
    input[type=text], input[type=password] {
        width: 100%;
        padding: 10px;
        margin: 4px 0 15px 0;
        display: inline-block;
        border: none;
        background: #f1f1f1;
    }

    input[type=text]:focus, input[type=password]:focus {
        background-color: #ddd;
        outline: none;
    }

    hr {
        border: 1px solid #f1f1f1;
        margin-bottom: 25px;
    }

    /* Set a style for all buttons */
    button {
        background-color: #04AA6D;
        color: white;
        padding: 14px 20px;
        margin: 8px 0;
        border: none;
        cursor: pointer;
        width: 100%;
        opacity: 0.9;
    }

    button:hover {
        opacity:1;
    }

    /* Extra styles for the cancel button */

```

```

.cancelbtn {
  padding: 14px 20px;
  background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
  float: left;
  width: 50%;
}

/* Add padding to container elements */
.container {
  padding: 16px;
}

/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}

/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
  .cancelbtn, .signupbtn {
    width: 100%;
  }
}

.content {
  max-width: 500px;
  margin: auto;
}

</style>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>

  <div class="content">

    <form action="addFlightDB.jsp" style="border:1px solid #ccc">
      <div class="container">
        <h2>Add Flight information</h2>
        <hr>
        <label>Flight Number</label>
        <input type="text" name="flyno"/><br><br>

        <label>Source</label>
        <input type="text" name="src"/><br><br>

        <label>Destination</label>
        <input type="text" name="dest"/><br><br>

        <label> Seats</label>
        <input type="text" name="seats" /><br><br>

        <label>Duration</label>

```

```

        <input type="text" name="duration" /><br><br>

        <label>Price</label>
        <input type="text" name="price" /><br><br>

        <label>Arrival Time</label>
        <input type="time" name="arrrtime"/><br><br>

        <label>Departure Time</label>
        <input type="time" name="deptime"/><br><br>

        <label> scheduled Date</label>
        <input type="date" name="schdate"><br><br>

        <input type="submit" name="operation" value="Submit"/>
    </div>
</form>
</div>
</body>
</html>

```

3)AdminDelete.jsp

```

-----
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1" import
    ="model.Flight,model.FlightDAOImpl,java.text.*,java.util.*"
    %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<button type="button" onclick="location.href='AdminWelcome.html'">Admin Home
Page</button>
<button type="button" onclick="location.href='AdminFlightSearch.jsp'">Previous
Page</button>
<%    try{
                String Fly_num = request.getParameter("flynum");
                System.out.println("flight"+Fly_num);
                FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
                FlightDAOImpl.initDataBase();
                flightDAOImpl.deleteFlight(Fly_num);
                out.print("Data Deleted Successfully");
            }
            catch(Exception e)
            {
                out.print(e);
            }
    %>
</body>
</html>

```

4)AdminFlightSearch.jsp

```

-----

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1" import
    ="model.Flight,model.FlightDAOImpl,java.text.*,java.util.*"
    %>
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
table{
    border: 2px solid black;
border-collapse: collapse;
    width: 50%;
}
th, td {
    font-size:20px;
    padding: 10px;
    text-align: center;
    border-bottom: 1px solid #ddd;
}

tr:nth-child(even) {background-color: #f2f2f2;}
tr:hover {background-color: coral;}
table.center {
    margin-left: 300px;
    margin-right: 150px;
    margin-top: 30px;
}
</style>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%!
String Source =null, Destination=null;
java.util.Date schdate=null;
%>

<%
FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
FlightDAOImpl.initDataBase();
List f=flightDAOImpl.SearchAllFlight();
Iterator i=f.iterator();
System.out.println(f);
%>
<h1 style="margin-left: 50px;margin-top:50px;"><h1> All Flights List</h1> </h1>

<button type="button" onclick="location.href='AdminFlightSearch.html'">Back to
Previous Page</button>
<TABLE class='center' BORDER="1">
<TR>
    <TH>Flight Number </TH>
    <TH>Departure Time</TH>
    <TH>Duration in hours</TH>
    <TH>Arrival Time</TH>
    <TH>Price in Rs</TH>
    <TH>Seats</TH>

```

```

</TR>
<%
while(i.hasNext())
{
    %>
    <tr>
    <% Flight f2=(Flight)i.next();%>
    <td><% out.print(f2.getFly_Num()) ;%></td>
    <td><% out.print(f2.getDeparture_time()); %></td>
    <td><% out.print(f2.getDuration()); %></td>
    <td><% out.print(f2.getArrival_time()); %></td>
    <td><% out.print(f2.getPrice()); %></td>
    <td><%out.print(f2.getSeats()); %></td>
    <td><form action="AdminUpdateFrontEnd.jsp">
    <input type="hidden" name="flynum" value="<%=f2.getFly_Num()%>" />
    <input type="submit" value="Update">
    </form></td>
    <td><form action="AdminDelete.jsp">
    <input type="hidden" name="flynum" value="<%=f2.getFly_Num()%>" />
    <input type="submit" value="Delete">
    </form></td>

    </tr><%
}
%>
</TABLE>

```

```

</body>
</html>

```

5)AdminUpdateFrontEnd.jsp

```

-----
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
import="model.Passenger,model.PassengerDAOImpl,model.FlightDAOImpl,java.util.*,model.Flight"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%

        String flyNo = request.getParameter("flynum");
        FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
        FlightDAOImpl.initDataBase();
        List f=flightDAOImpl.SearchFlightFlyNo(flyNo);
        Iterator i=f.iterator();
        Flight f2=null;
        while(i.hasNext())
        {
            f2=(Flight)i.next();

```

```

    }

    %>
    <div class="content">

        <form action="updateFlightDB.jsp" style="border:1px solid #ccc">
            <div class="container">
                <h2>Update Flight information for <%out.print(flyNo); %></h2>
                <hr>

                <label>Source</label>
                <input type="text" name="src"
value="<%out.print(f2.getSource());%>"/><br><br>

                <label>Destination</label>
                <input type="text" name="dest" value="<%out.print(f2.getDestination());
%>"/><br><br>

                <label> Seats</label>
                <input type="text" name="seats"
value="<%out.print(f2.getSeats());%>"/><br><br>

                <label>Duration</label>
                <input type="text" name="duration" value="<
%out.print(f2.getDuration());%>"/><br><br>

                <label>Price</label>
                <input type="text" name="price"
value="<%out.print(f2.getPrice());%>"/><br><br>

                <label>Arrival Time</label>
                <input type="time" name="arrtime" value="<
%out.print(f2.getArrival_time());%>"/><br><br>

                <label>Departure Time</label>
                <input type="time" name="deptime" value="<
%out.print(f2.getDeparture_time());%>"/><br><br>

                <label> scheduled Date</label>
                <input type="date" name="schdate" value="<%out.print(f2.getSchedule());
%>"/><br><br>

                <input type="hidden" id="flyNum" name="flyNum" value="<
%out.print(flyNo);%>"/><br><br>

                <input type="submit" name="operation" value="Update"/>
            </div>
        </form>
    </div>
</body>
</html>

```

6)AdminWelcome.html

```

<!DOCTYPE html>
<html>

```



```

<head>
<style>
button {
    background-color: black;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 180px;
    opacity: 0.9;
}

button:hover {
    opacity:1;
}
body {
    background-image: url('adminback.jfif');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: cover;
}

input[type="text"],input[type="submit"],input[type="Date"],select
{
    font-size:20px;
}
label{
    font-size:24px;
}

</style>
<meta charset="ISO-8859-1">
<title>Welcome</title>
</head>
<body>
<h1 style="Color:red"><b></b> WELCOME      TO      ADMIN'S      PAGE<b></b></h1>
<marquee class="marq"
            bgcolor="Pink"
            direction="left"
            loop="">
    <b>This is an AIRLINE Booking Portal</b>
</marquee>

<button type="button" onclick="location.href='welcome.html'">Home</button>
<button type="button" onclick="location.href='adminAddFlight.html'">Add New
Flight</button>
<button type="button" onclick="location.href='AdminFlightSearch.jsp'">All Flight
Info</button>

</body>
</html>

7)FinalBookFlight.jsp
-----

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

```

```

import="model.Flight,model.PaymentInfo,model.PassengerDAOImpl,model.FlightDAOImpl,j
ava.util.*,model.PaymenInfoDAOImpl"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box}
/* Full-width input fields */
input[type=text], input[type=password] {
    width: 100%;
    padding: 15px;
    margin: 5px 0 22px 0;
    display: inline-block;
    border: none;
    background: #f1f1f1;
}
input[type=text]:focus, input[type=password]:focus {
    background-color: #ddd;
    outline: none;
}
hr {
    border: 1px solid #f1f1f1;
    margin-bottom: 25px;
}
/* Set a style for all buttons */
button {
    background-color: #04AA6D;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
    opacity: 0.9;
}
button:hover {
    opacity:1;
}
/* Extra styles for the cancel button */
.cancelbtn {
    padding: 14px 20px;
    background-color: #f44336;
}
/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
    float: left;
    width: 50%;
}
/* Add padding to container elements */
.container {
    padding: 16px;
}
/* Clear floats */
.clearfix::after {
    content: "";

```

```

        clear: both;
        display: table;
    }
    /* Change styles for cancel button and signup button on extra small screens */
    @media screen and (max-width: 300px) {
        .cancelbtn, .signupbtn {
            width: 100%;
        }
    }
    .content {
        max-width: 500px;
        margin-left: 350px;
        margin-right: 150px;
        margin-top: 50px;
    }
    table {
        border: 2px solid black;
        border-collapse: collapse;
        width: 50%;
    }
    th, td {
        font-size: 20px;
        padding: 10px;

        border-bottom: 1px solid #ddd;
    }

    tr:nth-child(even) {background-color: #f2f2f2;}
    table.center {
        margin-left: 300px;
        margin-right: 100px;
        margin-top: 10px;
    }
</style>
<meta charset="ISO-8859-1">
</head>
<body>

<%
long millis=System.currentTimeMillis();
java.sql.Date paidDate = new java.sql.Date(millis);
    String userId=request.getParameter("userId");
    int  userId=Integer.parseInt(userId);
    String cardNo=request.getParameter("cardNo");
    String cardName=request.getParameter("cardHolderName");
    String month=request.getParameter("MM");
    String year=request.getParameter("YYYY");
    String cvv=request.getParameter("CVV");
    double paidAmt=Double.parseDouble(request.getParameter("paidAmt"));
    String flyNum=request.getParameter("flyno");
    int  passengers=Integer.parseInt(request.getParameter("pxn"));
    String firstName=request.getParameter("firstname");
    String lastName=request.getParameter("lastname");
    Long  phoNo=Long.parseLong(request.getParameter("phoneno"));

    String addr=request.getParameter("addr");
    PaymentInfo P=new
    PaymentInfo(userId, cardNo, cardName, cvv, month, year, paidDate, paidAmt);
    PaymenInfoDAOImpl PImpl=new PaymenInfoDAOImpl();

```

```

    PaymenInfoDAOImpl.initDataBase();
    boolean insertres= PImpl.addPaymentinfo(P);
    System.out.println("res"+insertres);
    FlightDAOImpl.initDataBase();
    boolean res= FlightDAOImpl.FlightUpdate(flyNum, passengers);
    FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
    FlightDAOImpl.initDataBase();
    List f=flightDAOImpl.SearchFlightFlyNo(flyNum);
    Iterator i=f.iterator();
    Flight f2=null;
    while(i.hasNext())
    {
        f2=(Flight)i.next();
    }

%>
<h1 style="Color:Green"><b></b>Ticket Booked Successfully<b></b></h1>

<p>Your details</p>
<table class="center" >
    <tr><td>Flight Details</td></tr>
    <tr><td>Flight Number:<% out.print(" "+flyNum) ;%></td><td>Travel:<%
out.print(" "+ f2.getSource()+ " to " + f2.getDestination()) ;%></tr>
    <tr><td>Date:<% out.print(" "+f2.getSchedule()) ;%></td><td>Time:<%
out.print(" "+f2.getDeparture_time());%></td></tr>
    <tr><td>Travel duration:<% out.print(" "+f2.getDuration()+" hrs")
;%></td><td>Ticket Price :<% out.print(" "+f2.getPrice()+" Rs") ;%></td></tr>
    <tr><td>Your Details</td></tr>
    <tr><td>Name:<% out.print(" "+firstName +" "+lastName) ;%></td><td>Phone
Number:<% out.print(" "+phoNo) ;%></tr>
    <tr><td>No Of Persons:<% out.print(" "+passengers);%></td><td>Aadhar Number:<
% out.print(" "+addr) ;%></td></tr>
    <tr><td>Total Price:<% out.print(" "+f2.getPrice()*passengers+"
Rs");%></td><td></td></tr>
</table>
</body>
</html>

```

8)FlightSearch.jsp

```

-----
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1" import
="model.Flight,model.FlightDAOImpl,java.text.*,java.util.*"
%>
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
table{
    border: 2px solid black;
border-collapse: collapse;
    width: 50%;
}
th, td {
    font-size:20px;
    padding: 10px;
    text-align: center;
    border-bottom: 1px solid #ddd;

```

```

}

tr:nth-child(even) {background-color: #f2f2f2;}
tr:hover {background-color: coral;}
table.center {
    margin-left: 300px;
    margin-right: 150px;
    margin-top:150px;
}
</style>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%!
String Source =null, Destination=null;
java.util.Date schdate=null;
%>

<%

    DateFormat formatter = new SimpleDateFormat("yyyy-mm-dd");
    DateFormat formatter1 = new SimpleDateFormat("dd/MM/yyyy");
    Source = request.getParameter("src");
    Destination=request.getParameter("des");
    java.util.Date schdate=null;

    java.sql.Date sqlschDate=null;
try {
    schdate = new SimpleDateFormat("yyyy-MM-
dd").parse(request.getParameter("date"));
    sqlschDate = new java.sql.Date(schdate.getTime());

    } catch (ParseException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
    }
    Flight f1=new Flight(Source, Destination, sqlschDate);
    FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
    FlightDAOImpl.initDataBase();
    List f=flightDAOImpl.SearchFlight(f1);
    Iterator i=f.iterator();
    System.out.println(f);
    %>
<h1 style="margin-left: 50px; margin-top:50px;">Flights From <%out.print(Source);
%> to <%out.print(Destination); %> on <%out.print(sqlschDate); %> </h1>

<button type="button" onclick="location.href='index.html'">Back to Previous
Page</button>
<TABLE class='center' BORDER="1">
<TR>
    <TH>Flight Number </TH>
    <TH>Departure Time</TH>
    <TH>Duration in hours</TH>
    <TH>Arrival Time</TH>
    <TH>Price in Rs</TH>

</TR>

```

```

        <%
        while(i.hasNext())
        {
            %>
            <tr>
            <% Flight f2=(Flight)i.next();%>
            <td><% out.print(f2.getFly_Num()); %></td>
            <td><% out.print(f2.getDeparture_time()); %></td>
            <td><% out.print(f2.getDuration()); %></td>
            <td><% out.print(f2.getArrival_time()); %></td>
            <td><% out.print(f2.getPrice()); %></td>

            <td><form action="Passenger.jsp">
            <input type="hidden" name="flynum" value="<%=f2.getFly_Num()%>" />
            <input type="submit" value="Book">
        </form></td>
            </tr><%

        }
    %>
</TABLE>

```

```

</body>
</html>

```

9)index.html

```

<!DOCTYPE html>
<html>
<head>
<style>
button {
    background-color: lightBlue;
    color: black;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width:32%;
    opacity: 0.9;
    font-size:20px;
}

button:hover {
    opacity:1;
}
body {
    background-image: url('2wel.jpg');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: cover;
}
marquee{
font-size:50px;

```

```

}
input[type="text"], input[type="submit"], input[type="Date"], select
{
    font-size:20px;
}
label{
    font-size:24px;
}

```

</style>

```

<meta charset="ISO-8859-1">
<title> Welcome to Airway</title>

```

```

<body >
<h1 style="Color:red"><b></b> WELCOME TO FLYAWAY <b></b></h1>
<marquee class="marq"
    bgcolor="Pink"
    direction="left"
    loop="">
    This is an AIRLINE Booking Portal
</marquee>

```

```

<h2 style="Color:blue;text-align:center"><b></b>Developer Name:JYOTI NANDINI
&nbsp;&nbsp;&nbsp;&nbsp;<br>Developer Email: jyo.nandi.in@gmail.com
&nbsp;&nbsp;&nbsp;&nbsp;<br>SimpliLearn Full Stack Development Course Phase 2<b></b></h2>
<button type="button" onclick="location.href='welcome.html'">Home</button>
<button type="button" onclick="location.href='SignInFront.jsp'">Login</button>
<button type="button" onclick="location.href='index.html'">Search Flight</button>

<br><br><br><br>

```

```

<form action="FlightSearch.jsp">

```

```

    <label>Source</label>
    <select name="src" id="src" placeholder="enter book price">
        <option value="Bangaluru">Bangaluru</option>
        <option value="Belgavi">Belgavi</option>
        <option value="Chennai">Chennai</option>
        <option value="Delhi">Delhi</option>
        <option value="Mumbai">Mumbai</option>
        <option value="Hyderabad">Hyderabad</option>
    </select>
    <label>Destination</label>
    <select name="des" id="des">

        <option value="Bangaluru">Bangaluru</option>
        <option value="Belgavi">Belgavi</option>
        <option value="Chennai">Chennai</option>
        <option value="Delhi">Delhi</option>
        <option value="Mumbai">Mumbai</option>
        <option value="Hyderabad">Hyderabad</option>

```

```

</select>

```

```

    <label>Date</label>

```

```

        <input type="Date" name="date" placeholder="enter book price">

        <input type="submit" value="Search Flight">

    </form>

```

```

</body>
</html>

```

10) Passenger.jsp

```

-----

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style>
    body {font-family: Arial, Helvetica, sans-serif;}
    * {box-sizing: border-box}
    input[type=text], input[type=password] {
        width: 100%;
        padding: 10px;
        margin: 4px 0 15px 0;
        display: inline-block;
        border: none;
        background: #f1f1f1;
    }
    input[type=text]:focus, input[type=password]:focus {
        background-color: #ddd;
        outline: none;
    }
    .container {
        padding: 16px;
    }
    hr {
        border: 1px solid #f1f1f1;
        margin-bottom: 25px;
    }
    .center {
        max-width: 500px;
        margin: auto;
    }
</style>

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

</head>
<body>
<%
    String flyno=request.getParameter("flynum");

%>
<div class="center">
    <form action="Payment.jsp" style="border:1px solid #ccc">
        <div class="container">
            <h2>Add your information</h2>
            <hr>

```



```

<label>Flight Number</label>
  <input type="text" name="flyno" value="<% out.print(flyno);%>"/><br><br>

<label>First Name*</label>
  <input type="text" name="firstname" placeholder="Enter first name"/><br><br>
  <label>Last Name*</label>
  <input type="text" name="lastname" placeholder="Enter Last name"/><br><br>
  <label>Phone Number*</label>
  <input type="text" name="phoneno" placeholder="Enter phone Number"/><br><br>
<label> No Of Person</label>
  <input type="text" name="pxc"/><br><br>
<label>Enter Aadhaar Number </label>
  <input type="text" name="addr" placeholder="Enter Aadhar Number"/><br><br>

  <input type="submit" name="operation" value="Process to Payment"/>
</div>
</form>
</div>

</body>
</html>

```

11) PassengerReport.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>Insert title here</title>
</head>
<body>

</body>
</html>

```

12) Payment.jsp

```

-----
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
    import="model.Passenger,model.PassengerDAOImpl,model.FlightDAOImpl,java.util.*,model.Flight"%>
<!DOCTYPE html>
<html>
<head>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box}
/* Full-width input fields */
input[type=text], input[type=password] {

```

```

width: 100%;
padding: 15px;
margin: 5px 0 22px 0;
display: inline-block;
border: none;
background: #f1f1f1;
}
input[type=text]:focus, input[type=password]:focus {
    background-color: #ddd;
    outline: none;
}
hr {
    border: 1px solid #f1f1f1;
    margin-bottom: 25px;
}
/* Set a style for all buttons */
button {
    background-color: #04AA6D;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
    opacity: 0.9;
}
button:hover {
    opacity: 1;
}
/* Extra styles for the cancel button */
.cancelbtn {
    padding: 14px 20px;
    background-color: #f44336;
}
/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
    float: left;
    width: 50%;
}
/* Add padding to container elements */
.container {
    padding: 16px;
}
/* Clear floats */
.clearfix::after {
    content: "";
    clear: both;
    display: table;
}
/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
    .cancelbtn, .signupbtn {
        width: 100%;
    }
}
.content {
    max-width: 500px;
    margin-left: 350px;
    margin-right: 150px;
}

```

```

    margin-top:50px;
}
table{
    border: 2px solid black;
    border-collapse: collapse;
    width: 50%;
}
th, td {
    font-size:20px;
    padding: 10px;

    border-bottom: 1px solid #ddd;
}

tr:nth-child(even) {background-color: #f2f2f2;}
table.center {
    margin-left: 300px;
    margin-right: 100px;
    margin-top:10px;
}
</style>
<meta charset="ISO-8859-1">
</head>
<body>
    <%

```

```

        String flyNo = request.getParameter("flyno");
        String firstName=request.getParameter("firstname");
        String lastName=request.getParameter("lastname");
        Long phoNo=Long.parseLong(request.getParameter("phoneno"));
        Integer noOfPerson=Integer.parseInt(request.getParameter("pxc"));
        String addr=request.getParameter("addr");

```

```

        Passenger P=new
Passenger(flyNo,firstName,lastName,phoNo,noOfPerson,addr);
        PassengerDAOImpl PDAOImpl=new PassengerDAOImpl();
        PassengerDAOImpl.initDataBase();
        int autoIncKeyFromFunc=PDAOImpl.addPassenger(P);

```

```

        FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
        FlightDAOImpl.initDataBase();
        List f=flightDAOImpl.SearchFlightFlyNo(flyNo);
        Iterator i=f.iterator();
        Flight f2=null;
        while(i.hasNext())
        {
            f2=(Flight)i.next();
        }
        double paidAmt=(f2.getPrice()*noOfPerson);

```

```

    %>
    <table class="center" >
    <tr><td>Flight Details</tr></td>
    <tr><td>Flight Number:<% out.print(" "+flyNo) ;%></td><td>Travel:<%
out.print(" "+ f2.getSource()+ " to " + f2.getDestination()) ;%></tr>
    <tr><td>Date:<% out.print(" "+f2.getSchedule()) ;%></td><td>Time:<%
out.print(" "+f2.getDeparture_time());%></td></tr>
    <tr><td>Travel duration:<% out.print(" "+f2.getDuration()+" hrs")
;%></td><td>Ticket Price :<% out.print(" "+f2.getPrice()+" Rs") ;%></td></tr>

```

```

        <tr><td>Your Details</tr></td>
        <tr><td>Name:<% out.print(" "+firstName +" "+lastName) ;%></td><td>Phone
Number:<% out.print(" "+phoNo) ;%></tr>
        <tr><td>No Of Persons:<% out.print(" "+noOfPerson);%></td><td>Aadhar Number:<
% out.print(" "+addr) ;%></td></tr>
        <tr><td>Total Price:<% out.print(" "+f2.getPrice()*noOfPerson+"
Rs");%></td><td></td></tr>
    </table>
    <div class="content">
        <form action="FinalBookFlight.jsp">
            <div class="container">
                <h1>Payment</h1>
                <label><b>Card No*</b></label>
                <input type="text" placeholder="Enter Card No" name="cardNo" required><br>
                <label><b>Card Holder Name*</b></label>
                <input type="text" placeholder="Enter Card Holder name" name="cardHolderName"
required><br>
                <label><b>Month*</b></label>
                <input type="text" placeholder="MM" name="MM" required><br>
                <label><b>Year*</b></label>
                <input type="text" placeholder="YYYY" name="YYYY" required><br>

                <label><b>CVV Number*</b></label>
                <input type="text" placeholder="Enter CVV" name="CVV" required><br>
                <input type="hidden" id="userId" name="userId" value="<
%out.print(autoIncKeyFromFunc);%>">
                <input type="hidden" id="paidAmt" name="paidAmt" value="<%out.print(paidAmt);
%>">
                <input type="hidden" id="flyno" name="flyno" value="<%out.print(flyNo);%>">
                <input type="hidden" id="pxn" name="pxn" value="<%out.print(noOfPerson);%>">
                <input type="hidden" id="firstname" name="firstname" value="<
%out.print(firstName);%>">
                <input type="hidden" id="lastname" name="lastname" value="<%out.print(addr);
%>">
                <input type="hidden" id="phono" name="phoneno" value="<%out.print(phoNo);%>">
                <input type="hidden" id="addr" name="addr" value="<%out.print(addr);%>">
                <input type="submit" value="Payment and Book">
            </div></form></div>
        </body>
    </html>

```

13)SignInFront.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style>
    body {font-family: Arial, Helvetica, sans-serif;}
    * {box-sizing: border-box}
    /* Full-width input fields */
    input[type=text], input[type=password] {
        width: 100%;
        padding: 15px;
        margin: 5px 0 22px 0;
        display: inline-block;
        border: none;

```

```

    background: #f1f1f1;
}
input[type=text]:focus, input[type=password]:focus {
    background-color: #ddd;
    outline: none;
}
hr {
    border: 1px solid #f1f1f1;
    margin-bottom: 25px;
}
/* Set a style for all buttons */
button {
    background-color: #04AA6D;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
    opacity: 0.9;
}
button:hover {
    opacity:1;
}
/* Extra styles for the cancel button */
.cancelbtn {
    padding: 14px 20px;
    background-color: #f44336;
}
/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
    float: left;
    width: 50%;
}
/* Add padding to container elements */
.container {
    padding: 16px;
}
/* Clear floats */
.clearfix::after {
    content: "";
    clear: both;
    display: table;
}
/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
    .cancelbtn, .signupbtn {
        width: 100%;
    }
}
.content {
    max-width: 500px;
    margin-left: 500px;
    margin-right: 150px;
    margin-top:100px;
}
</style>
<meta charset="ISO-8859-1">
<title>Insert title here</title>

```

```

</head>
<body>

<div class="content">
<form action="SignInServlet" method="post" style="border:1px solid #ccc">
<div class="container">
    <h1>Sign In</h1>
    <p>Please Enter Details.</p>
    <hr>

        <label for="email"><b>User Name</b></label>
        <input type="text" placeholder="Enter User Name" name="username"
required>

        <label for="psw"><b>Password</b></label>
        <input type="password" placeholder="Enter Password" name="password"
required>

        <div class="clearfix">
            <button type="button" class="cancelbtn">Cancel</button>
            <button type="submit" class="signuptbn">Sign In</button>

        </div>
        <p>New user <a href="SignUp.jsp" style="color:dodgerblue">click here</a>.</p>
    </div>
</form>
</div>
</body>
</html>

```

14)SignUp.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>Insert title here</title>
</head>
<body>
<style>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box}
/* Full-width input fields */
input[type=text], input[type=password] {
    width: 100%;
    padding: 15px;
    margin: 5px 0 22px 0;
    display: inline-block;
    border: none;
    background: #f1f1f1;
}
input[type=text]:focus, input[type=password]:focus {
    background-color: #ddd;
    outline: none;
}

```

```

hr {
    border: 1px solid #f1f1f1;
    margin-bottom: 25px;
}
/* Set a style for all buttons */
button {
    background-color: #04AA6D;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
    opacity: 0.9;
}
button:hover {
    opacity:1;
}
/* Extra styles for the cancel button */
.cancelbtn {
    padding: 14px 20px;
    background-color: #f44336;
}
/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
    float: left;
    width: 50%;
}
/* Add padding to container elements */
.container {
    padding: 16px;
}
/* Clear floats */
.clearfix::after {
    content: "";
    clear: both;
    display: table;
}
/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
    .cancelbtn, .signupbtn {
        width: 100%;
    }
}
.content {
    max-width: 500px;
    margin: auto;
}
</style>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>

    <div class="content">

        <form action="SignUpServlet" method="post" style="border:1px solid #ccc">
        <div class="container">
            <h1>Sign Up</h1>

```

```

    <p>Please fill in this form to create an account.</p>
    <hr>

    <label for="email"><b>User Name</b></label>
    <input type="text" placeholder="Enter username" name="username" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="password" required>

    <div class="clearfix">
        <button type="button" class="cancelbtn">Cancel</button>
        <button type="submit" class="signupbtn">Sign Up</button>
    </div>

</div>
</form>

</div>

</div>

</form>
</div>
</body>
</html>

```

15)updateFlightDB.jsp

```

-----
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
    import="model.Passenger,model.PassengerDAOImpl,model.FlightDAOImpl,java.util.*,model.Flight,java.text.DateFormat,java.text.ParseException,java.text.SimpleDateFormat,java.util.Date"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
DateFormat formatter = new SimpleDateFormat("yyyy-mm-dd");
DateFormat dateFormat = new SimpleDateFormat("hh:mm:ss");
DateFormat formatter1 = new SimpleDateFormat("dd/MM/yyyy");
SimpleDateFormat format = new SimpleDateFormat("HH:mm");
//DateFormat formatter = new SimpleDateFormat("HH:mm");
Date arrtime = null,deptime = null;
String flyNo=null,Src=null,Dest=null;
try {

java.util.Date schdate = new SimpleDateFormat("yyyy-MM-dd").parse(request.getParameter("schdate"));
java.sql.Date sqlschDate = new java.sql.Date(schdate.getTime());
java.util.Date depTime
=(java.util.Date)format.parse(request.getParameter("deptime"));

```



```

java.sql.Time sqlDepTime = new java.sql.Time(depTime.getTime());
java.util.Date arrTime
=(java.util.Date)format.parse(request.getParameter("arrtime"));
java.sql.Time sqlArrTime = new java.sql.Time(arrTime.getTime());

        int seats=Integer.parseInt(request.getParameter("seats"));
        int duration=Integer.parseInt(request.getParameter("duration"));
        double price=Double.parseDouble(request.getParameter("price"));

        FlightDAOImpl flightDAOImpl= new FlightDAOImpl();
        FlightDAOImpl.initDataBase();

flightDAOImpl.UpdateFlight(request.getParameter("flyNum"),request.getParameter("src
"),request.getParameter("dest"), sqlArrTime, sqlDepTime, sqlschDate, seats,
duration, price);
        out.print("Data updated Successfully");
}catch (ParseException e) {
        // TODO Auto-generated catch block
        out.print(e);
}

%>
</body>
</html>

```

16)Welcome.html

```

-----

<!DOCTYPE html>
<html>
<head>
<style>
button {
    background-color: black;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 150px;
    opacity: 0.9;
}

button:hover {
    opacity:1;
}
body {
    background-image: url('44.jpg');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: cover;
}

input[type="text"],input[type="submit"],input[type="Date"],select
{
    font-size:20px;

```

```

}
label{
    font-size:24px;
}

</style>
<meta charset="ISO-8859-1">
<title>Welcome</title>
</head>
<body>

<h1>AirWays</h1>
<button type="button" onclick="location.href='welcome.html'">Home</button>
<button type="button" onclick="location.href='SignInFront.jsp'">Login</button>

</body>
</html>

```

src/main/resource

1)hibernate.cfg.xml

```

-----
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE hibernate-configuration PUBLIC
    "-//Hibernate/Hibernate Configuration DTD 3.0//EN"
    "http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">
<hibernate-configuration>
    <session-factory>
        <property
name="hibernate.connection.driver_class">com.mysql.jdbc.Driver</property>
        <property name="hibernate.connection.password">Jagdishmohan@1</property>
        <property
name="hibernate.connection.url">jdbc:mysql://localhost:3306/Airways</property>
        <property name="hibernate.connection.username">root</property>
        <property
name="hibernate.dialect">org.hibernate.dialect.MySQL8Dialect</property>
        <property name="hbm2ddl.auto">update</property>
        <property name="show_sql">true</property>
        <mapping class="model.Flight"/>

    </session-factory>
</hibernate-configuration>

```