

## **FlyAway (An Airline Booking Portal)**

### **Admin login:**

```
package com.servlets;
```

```
import java.io.IOException;
```

```
import java.sql.SQLException;
```

```
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 javax.servlet.http.HttpSession;
```

```
import com.database.Dao;
```

```
@WebServlet("/AdminLogin")
```

```
public class AdminLogin extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

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

```
        String email=request.getParameter("email");
```

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

```
        try {
```

```
            Dao dao=new Dao();
```

```
            if(dao.checkAdmin(email,password)) {
```

```
                response.sendRedirect("AdminHome.jsp");
```

```

    }

    else {

        HttpSession session=request.getSession();
        session.setAttribute("message", "Invalid Details");
        response.sendRedirect("AdminPage.jsp");

    }

} catch (ClassNotFoundException | SQLException e) {

    // TODO Auto-generated catch block

    e.printStackTrace();

}

}

}

```

### **Flight List:**

```

package com.servlets;

import java.io.IOException;
import java.sql.SQLException;
import java.util.List;
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 javax.servlet.http.HttpSession;
import com.database.Dao;

@WebServlet("/FlightList")

```

```

public class FlightList extends HttpServlet {

    private static final long serialVersionUID = 1L;

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

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

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

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

        try {

            Dao dao = new Dao();

            List<String[]> flights=dao.getAvailableFlights(from, to, departure);

            HttpSession session=request.getSession();

            session.setAttribute("flights", flights);

        } catch (ClassNotFoundException | SQLException e) {

            // TODO Auto-generated catch block

            e.printStackTrace();

        }

        response.sendRedirect("FlightList.jsp");

    }

}

```

## Forgot Password:

```

package com.servlets;

import javax.servlet.annotation.WebServlet;

import java.io.IOException;

import java.sql.SQLException;

import javax.servlet.ServletException;

```

```

import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import com.database.Dao;

@WebServlet("/ForgotPassword")

public class ForgotPassword extends HttpServlet {

    private static final long serialVersionUID = 1L;

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

        String email=request.getParameter("email");
        String password=request.getParameter("password");
        try {
            Dao dao=new Dao();
            HttpSession session=request.getSession();
            if(dao.changeAdminPassword(email,password)) {
                session.setAttribute("message", "Password Changed
Successfully");
            }
            else {
                session.setAttribute("message", "Invalid Details");
            }
        } catch (ClassNotFoundException | SQLException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
        response.sendRedirect("AdminPage.jsp");
    }
}

```

## **Insert Flight:**

```
package com.servlets;
```

```
import javax.servlet.annotation.WebServlet;
```

```
import javax.servlet.http.HttpServlet;
```

```
import java.io.IOException;
```

```
import java.sql.SQLException;
```

```
import java.util.HashMap;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import javax.servlet.http.HttpSession;
```

```
import com.database.Dao;
```

```
@WebServlet("/InsertFlight")
```

```
public class InsertFlight extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

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

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

```
    String from=request.getParameter("from");
```

```
    String to=request.getParameter("to");
```

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

```
    String time=request.getParameter("time");
```

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

```
    HashMap<String,String> flight=new HashMap<>();
```

```
    flight.put("name", name);
```

```
flight.put("from", from);  
flight.put("to", to);  
flight.put("date", departure);  
flight.put("time", time);  
flight.put("price", price);
```

```
try {  
    Dao dao=new Dao();  
    HttpSession session=request.getSession();  
    if(dao.insertFlight(flight)) {  
  
        session.setAttribute("message", "Flight Added Successfully");  
    }  
    else {  
        session.setAttribute("message", "Invalid Details");  
    }  
} catch (ClassNotFoundException | SQLException e) {  
    // TODO Auto-generated catch block  
    System.out.print("error");  
    e.printStackTrace();  
}  
response.sendRedirect("AdminHome.jsp");  
}  
}
```

## **Logout:**

```
package com.servlets;

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

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

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

        HttpSession session=request.getSession();
        session.setAttribute("user", null);
        response.sendRedirect("HomePage.jsp");
    }
}
```

## **User Login:**

```
package com.servlets;

import javax.servlet.annotation.WebServlet;
import java.io.IOException;
import java.sql.SQLException;
```

```

import java.util.HashMap;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import com.database.Dao;
@WebServlet("/UserLogin")
public class UserLogin extends HttpServlet {

    private static final long serialVersionUID = 1L;

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

        String email=request.getParameter("email");
        String password=request.getParameter("password");
        try {
            Dao dao=new Dao();
            HashMap<String,String> user=dao.checkUser(email,password);
            HttpSession session=request.getSession();
            if(user!=null) {
                session.setAttribute("user", user);
                response.sendRedirect("HomePage.jsp");
            }
            else {
                session.setAttribute("message", "Invalid Details");
                response.sendRedirect("UserPage.jsp");
            }
        } catch (ClassNotFoundException | SQLException e) {
            // TODO Auto-generated catch block

```



```
                e.printStackTrace();
            }
        }
    }
}
```

## **User Registration:**

```
package com.servlets;

import javax.servlet.annotation.WebServlet;
import java.io.IOException;
import java.sql.SQLException;
import java.util.HashMap;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import com.database.Dao;

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

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        String email=request.getParameter("email");
        String password=request.getParameter("password");
        String name=request.getParameter("name");
        String phno=request.getParameter("phno");
```

```

String adno=request.getParameter("adno");
HashMap<String,String> user=new HashMap<>();
user.put("email", email);
user.put("password", password);
user.put("name", name);
user.put("phno", phno);
user.put("adno", adno);

try {
    Dao dao=new Dao();
    boolean result=dao.insertUser(user);
    HttpSession session=request.getSession();
    if(result) {
        session.setAttribute("message", "User Added Successfully");
    }
    else {
        session.setAttribute("message","Invalid Details");
    }
} catch (ClassNotFoundException | SQLException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}
response.sendRedirect("UserPage.jsp");
}
}

```