

Source Code

AdminLogin

```
package servlets;

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 javax.servlet.http.HttpSession;

import java.sql.SQLException;
import com.ConnectDatabase.JdbcConnectUtil;

@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 {
```

```

        JdbcConnectUtil dao= new JdbcConnectUtil();
        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) {
        e.printStackTrace();
    }
}
}

```

FlightsList

```

package 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.ConnectDatabase.JdbcConnectUtil;
```

```
@WebServlet("/FlightsList")
```

```
public class FlightsList 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 {
```

```
            JdbcConnectUtil dao=new JdbcConnectUtil();
```

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

```
            HttpSession session=request.getSession();
```

```
            session.setAttribute("flights",flights);
```

```
        } catch (ClassNotFoundException | SQLException e) {
```

```
            //TODOAuto-generated catch block
```

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

```
        }
```

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

```
    }
```

```
}
```

ForgotPwd

```
package servlets;
```

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

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

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

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

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

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

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

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

```
import com.ConnectDatabase.JdbcConnectUtil;
```

```
@WebServlet("/ForgotPwd")
```

```
public class ForgotPwd 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 {
```

```

        JdbcConnectUtil dao= new JdbcConnectUtil();
        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) {
        e.printStackTrace();
    }
    response.sendRedirect("AdminPage.jsp");
}
}

```

InsertFlight

```

package 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.ConnectDatabase.JdbcConnectUtil;

@WebServlet("/InsertFlight")

public class InsertFlight 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 name=request.getParameter("name");
        String time=request.getParameter("time");
        String price=request.getParameter("price");
        String departure=request.getParameter("departure");

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

        flight.put("flight_from",from);
        flight.put("flight_to",to);
        flight.put("name",name);
```

```

        flight.put("time_of_flight",time);
        flight.put("ticket_price",price);
        flight.put("date",departure);
        try {
            JdbcConnectUtil dao = new JdbcConnectUtil();
            HttpSession session=request.getSession();
            if(dao.insertFlight(flight)) {
                session.setAttribute("message", "Flight added successfully");
            }
            else {
                session.setAttribute("message","Invalid Details");
            }
        } catch (ClassNotFoundException | SQLException e) {
            System.out.print("error");
            e.printStackTrace();
        }
        response.sendRedirect("AdminHome.jsp");
    }
}

```

Logout

```

package 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("welcome.jsp");
```

```
    }
```

```
}
```

RegisterUser

```
package 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.ConnectDatabase.JdbcConnectUtil;
```

```
@WebServlet("/RegisterUser")
```

```
public class RegisterUser 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 {
            JdbcConnectUtil dao=new JdbcConnectUtil();
            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) {
            e.printStackTrace();}response.sendRedirect("UserPage.jsp");
        }
    }
}

```

UserLogin

```

package servlets;

import java.io.IOException;
import java.sql.SQLException;

```

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

```
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.ConnectDatabase.JdbcConnectUtil;
```

```
@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 {
```

```
            JdbcConnectUtil dao=new JdbcConnectUtil();
```

```
            HashMap<String,String> user=dao.checkUser(email,password);
```

```
HttpSession session=request.getSession();
if (user!=null) {
    session.setAttribute("user",user);
    response.sendRedirect("welcome.jsp");
}
else{
    session.setAttribute("message","Invalid Details");
    response.sendRedirect("UserPage.jsp");
}
} catch( ClassNotFoundException | SQLException e) {
    //TODOAuto-generated catch block
    e.printStackTrace();
}

}
```