AdminLogin.java

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();

        }

    }

}

UserLogin.java

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();

        }

    }

}

UserRegistration.java

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");

    }

}

InsertFlight.java

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");

    }

}

ForgotPassword.java

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");

    }

}

Logout.java

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");

    }

}

FlightList.java

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");

    }

}