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| FlyAway.com  Source Code) |

**Version History**

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| Author | Sindhu R |
| Purpose | Source Code |
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# **Project GitHub Link:**

# <https://github.com/Sindhu-Ravichandran/Simplilearn>

# **Project Code:**

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| --- |
| **Folder Structure:** |
| **User View functionality :**   1. **Registration Servlet**   **package com.flyaway;**  **import java.io.IOException;**  **import javax.servlet.ServletException;**  **import javax.servlet.http.HttpServlet;**  **import javax.servlet.http.HttpServletRequest;**  **import javax.servlet.http.HttpServletResponse;**  **public class RegistrationServlet extends HttpServlet {**      **private static final long serialVersionUID = 1L;**  **protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **// TODO Auto-generated method stub**  **String name = request.getParameter("name");**  **String email = request.getParameter("email");**  **String pnumber =request.getParameter("pnumber");**  **String password = request.getParameter("password");**  **String confirmpasssword = request.getParameter("passwordRepeat");**        **if(password.equals(confirmpasssword))**  **{**  **Member member = new Member(name, email, password, pnumber);**  **UserServices dbobj = new UserServices();**  **String result = dbobj.insert(member);**  **response.getWriter().println(member.getName());**  **response.getWriter().println(result);**  **response.getWriter().println("Registration Sucessfully Completed");**  **}**  **else**  **{**  **response.getWriter().print("Password not matched with Confirm Password, Please enter correct passoword");**  **}**  **}**  **}**   1. **Login Servlet with multiple form functionality**     **package com.flyaway;**  **import java.io.IOException;**  **import javax.servlet.RequestDispatcher;**  **import javax.servlet.ServletException;**  **import javax.servlet.http.HttpServlet;**  **import javax.servlet.http.HttpServletRequest;**  **import javax.servlet.http.HttpServletResponse;**  **import javax.servlet.http.HttpSession;**  **/\*\***  **\* Servlet implementation class LoginServlet**  **\*/**  **public class LoginServlet extends HttpServlet {**  **private static final long serialVersionUID = 1L;**    **/\*\***  **\* @see HttpServlet#HttpServlet()**  **\*/**  **public LoginServlet() {**  **super();**  **// TODO Auto-generated constructor stub**  **}**  **/\*\***  **\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **// TODO Auto-generated method stub**  **String email = request.getParameter("email");**  **String password = request.getParameter("password");**  **UserServices dbobj = new UserServices();**    **boolean found = dbobj.validateCustomer(email,password);**  **HttpSession session = request.getSession();**  **String modalform = request.getParameter("modalForm");**    **if(modalform.equals("Bookflight"))**  **{**  **session.setAttribute("Bookflighton", "yes");**  **session.setAttribute("Bookflighton", "yes");**  **int flightno = Integer.parseInt(request.getParameter("flightnumber")) ;**  **session.setAttribute("FlightNumber", flightno);**  **System.out.print(flightno);**    **if(session.getAttribute("Email") != null) {**  **response.sendRedirect("booking.jsp");**  **}**  **else**  **{**  **response.sendRedirect("login.html");**  **}**  **}**  **else if(modalform.equals("login"))**  **{**  **if(found == true) {**  **response.getWriter().println("Login details Correct");**    **session.setAttribute("Email", email);**  **if(session.getAttribute("Bookflighton").equals("yes")) {**  **response.sendRedirect("booking.jsp");**  **}**  **else {**  **response.sendRedirect("index.jsp");**  **}**  **}**  **else**  **{**  **request.setAttribute("Error","User Credentials are Invalid");**  **RequestDispatcher rd = request.getRequestDispatcher("login.html");**  **rd.include(request, response);**    **}**    **}**  **else if(modalform.equals("BookingPayment"))**  **{**  **System.out.println("Booking Servlet");**  **String emial =(String) session.getAttribute("Email");**  **String date =(String) session.getAttribute("Date");**  **String source =(String) session.getAttribute("Source");**  **String departuretime =(String) session.getAttribute("BookingDepartureTime");**  **String destination =(String) session.getAttribute("Destination");**  **String arrivaltime =(String) session.getAttribute("BookingArrivalTime");**  **int flightno = (int)session.getAttribute("BookingFlightNo");**  **String flightcompany =(String) session.getAttribute("BookingFlightCompany");**  **int nooftravllers = (int)session.getAttribute("Travellers");**  **int totalamount = (int)session.getAttribute("TotalAmount");**  **System.out.println(flightcompany);**  **System.out.println(departuretime);**  **dbobj.bookingOrderInsert(emial,date,source,departuretime,destination,arrivaltime,flightno,flightcompany,nooftravllers,totalamount);**  **response.getWriter().println("Ticket Booking Sucessfully Completed !");**  **response.sendRedirect("OrderHistory.jsp");**    **}**  **else**  **{**  **request.setAttribute("Error","User Credentials are Invalid");**  **RequestDispatcher rd = request.getRequestDispatcher("login.html");**  **rd.include(request, response);**    **}**    **}**  **}**   1. **Log Out**   **package com.flyaway;**  **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;**  **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.removeAttribute("email");**  **session.removeAttribute("flightsloginvalidation");**  **session.invalidate();**  **response.sendRedirect("login.html");**  **}**  **}** |
| **JDBC**  **package com.flyaway;**  **import java.sql.Connection;**  **import java.sql.DriverManager;**  **import java.sql.SQLException;**  **class Member {**  **private String name ,email, password , pnumber;**    **public String getName() {**  **return name;**  **}**  **public void setName(String name) {**  **this.name = name;**  **}**  **public String getEmail() {**  **return email;**  **}**  **public void setEmail(String email) {**  **this.email = email;**  **}**  **public String getPassword() {**  **return password;**  **}**  **public void setPassword(String password) {**  **this.password = password;**  **}**  **public Member(String name, String email, String password, String pnumber) {**  **super();**  **this.name = name;**  **this.email = email;**  **this.password = password;**  **this.pnumber = pnumber;**  **}**  **public String getPnumber() {**  **return pnumber;**  **}**  **public void setPnumber(String pnumber) {**  **this.pnumber = pnumber;**  **}**  **}**  **public class JDBCConnection {**  **private String dburl = "jdbc:mysql://localhost:3307/flyaway";**  **private String dbusername ="root";**  **private String dbpassword ="password";**  **private String dbdriver ="com.mysql.cj.jdbc.Driver";**    **public Connection getConnection()**  **{**  **loadDriver(dbdriver);**  **Connection conn = null;**  **try {**  **conn = DriverManager.getConnection(dburl, dbusername, dbpassword);**  **} catch (SQLException e) {**    **e.printStackTrace();**  **}**    **return conn;**  **}**    **public void loadDriver(String dbdriver)**  **{**  **try {**  **Class.forName(dbdriver);**  **} catch (ClassNotFoundException e) {**    **e.printStackTrace();**  **}**  **}**      **}** |

**References:**

**Github Link**