|  |
| --- |
| **FlyAway**  **(Project Source Code)** |

**Version History:**

|  |  |
| --- | --- |
| Author | Hajaeba Kemal |
| Purpose | Source Code of the application |
| Date | 10th September 2022 |
| Version | 1.0 |

Table of Contents

[ **Project Link** 3](#_Toc113893349)

[ **Folder Structure** 4](#_Toc113893350)

[ **Front End** 5](#_Toc113893351)

[1. Index.html 5](#_Toc113893352)

[2. Signup.html 6](#_Toc113893353)

[3. Login.html 7](#_Toc113893354)

[ **Backend** 9](#_Toc113893355)

[1. SignupServlet.java 9](#_Toc113893356)

[2. LoginServlet.java 12](#_Toc113893357)

[3. FlightsList.java 14](#_Toc113893358)

[4. SelectFlight.java 17](#_Toc113893359)

[5. FinishFlight.java 20](#_Toc113893360)

[6. ViewTicket.java 23](#_Toc113893361)

# **Project Link**

|  |  |
| --- | --- |
| Repository Name | FlyAway |
| GitHub Link | https://github.com/hajaeba/Flyaway |
| Email | hajaebakemal@gmail.com |

# **Folder Structure**

|  |
| --- |
|  |

# **Front End**

# Index.html

|  |
| --- |
| <!DOCTYPE html>  <html>  <head>  <style>  **body** {  /\* The image used \*/  background-image: *url('img/bg.jpg')*;  /\* Full height \*/  height: *100%*;  .  /\* Center and scale the image nicely \*/  background-position: *center*;  background-size: *cover*;  }  **body** {  height: *50%*;  }  </style>  <meta charset=*"UTF-8"*>  <title>FlyWay Reservation System</title>  </head>  <body style="background-color:*cyan*;">  <h1 style="text-align:*center*;color:*white*;">FlyAway Online Booking System</h1>  <form name = *"frm"* method=*"post"* action = *"posthandler"*>  <a href=*"login.html"* style="text-decoration: *none*;text-align:*right*;"><h1>Login</h1></a>  <a href=*"signup.html"* style="text-align:*right*;text-decoration: *none*;"><h1>SignUp</h1></a><br>  </form>  </body>  </html> |

# Signup.html

|  |
| --- |
| <!DOCTYPE html>  <html>  <head>  <style>  **body** {  /\* The image used \*/  background-image: *url('img/bg.jpg')*;  /\* Full height \*/  height: *100%*;  .  /\* Center and scale the image nicely \*/  background-position: *center*;  background-size: *cover*;  }  **body** {  height: *50%*;  }  </style>  <meta charset=*"UTF-8"*>  <title>FlyWay Reservation System</title>  </head>  <body style="background-color:*cyan*;">  <h1 style="text-align:*center*;color:*white*;">FlyAway Online Booking System</h1>  <form name = *"frm"* method=*"post"* action = *"posthandler"*>  <a href=*"login.html"* style="text-decoration: *none*;text-align:*right*;"><h1>Login</h1></a>  <a href=*"signup.html"* style="text-align:*right*;text-decoration: *none*;"><h1>SignUp</h1></a><br>  </form>  </body>  </html> |

# Login.html

|  |
| --- |
| <!DOCTYPE html>  <html>  <head>  <meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>  <style>  **body** {  /\* The image used \*/  background-image: *url('img/bg.jpg')*;  /\* Full height \*/  height: *100%*;  .  /\* Center and scale the image nicely \*/  background-position: *center*;  background-size: *cover*;  }  **body** {font-family: *Arial, Helvetica, sans-serif*;}  **form** {border: *3px solid #f1f1f1*;}  **input**[type=text]**,** **input**[type=password]**,** **input**[type=email] {  width: *100%*;  padding: *12px 20px*;  margin: *8px 0*;  display: *inline-block*;  border: *1px solid #ccc*;  box-sizing: *border-box*;  }  **button** {  background-color: *#04AA6D*;  color: *white*;  padding: *14px 20px*;  margin: *8px 0*;  border: *none*;  cursor: *pointer*;  width: *100%*;  }  **button***:hover* {  opacity: *0.8*;  }  *.cancelbtn* {  width: *auto*;  padding: *10px 18px*;  background-color: *#f44336*;  }  *.imgcontainer* {  text-align: *center*;  margin: *24px 0 12px 0*;  }  **img***.avatar* {  width: *40%*;  border-radius: *50%*;  }  *.container* {  padding: *16px*;  }  **span***.psw* {  float: *right*;  padding-top: *16px*;  }  /\* Change styles for span and cancel button on extra small screens \*/  @media screen and (max-width: 300px) {  **span***.psw* {  display: *block*;  float: *none*;  }  *.cancelbtn* {  width: *100%*;  }  }  </style>  </head>  <body>  <div style="width:*40%*;height:*40%*;padding-left:*30%*;">  <h2>Login Form</h2>  <form action=*"login"* method=*"post"*>  <div class=*"imgcontainer"*>  <img src=*"img/loginlogo.png"* alt=*"Avatar"* class=*"avatar"*>  </div>  <div class=*"container"*>  <label for=*"email"*><b>Email</b></label>  <input type=*"email"* placeholder=*"Enter Email"* name=*"email"* required>  <label for=*"psw"*><b>Password</b></label>  <input type=*"password"* placeholder=*"Enter Password"* name=*"password"* required>    <button type=*"submit"*>Login</button>  <label>  <input type=*"checkbox"* checked=*"checked"* name=*"remember"*> Remember me  </label>  </div>  <div class=*"container"* style="background-color:*#f1f1f1*">  <button type=*"button"* class=*"cancelbtn"*>Cancel</button>  <span class=*"psw"*><a href=*"signup.html"*>Create Account</a></span>  </div>  </form>  </div>  </body>  </html> |

# **Backend**

# SignupServlet.java

|  |
| --- |
| **import java.io.IOException;**  **import java.io.InputStream;**  **import java.io.PrintWriter;**  **import java.sql.PreparedStatement;**  **import java.sql.ResultSet;**  **import java.sql.SQLException;**  **import java.sql.Statement;**  **import java.util.Properties;**  **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 com.flyaway.DBConnection;**  **/\*\***  **\* Servlet implementation class SignupServlet**  **\*/**  **@WebServlet("/SignupServlet")**  **public class SignupServlet extends HttpServlet {**  **private static final long serialVersionUID = 1L;**    **/\*\***  **\* @see HttpServlet#HttpServlet()**  **\*/**  **public SignupServlet() {**  **super();**  **// TODO Auto-generated constructor stub**  **}**  **/\*\***  **\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**    **try**  **{**  **PrintWriter out=response.getWriter();**  **out.println("<html><body style='background-color:green;'><div style='margin:15%;'>");**        **InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");// load db connection details and connection files**  **Properties props = new Properties();**  **props.load(in); //load the db connection data onto properties**    **DBConnection conn = new DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));**  **//out.println("DB Connection Initialized. <br>");// Above line actually established the connection**  **int contact;**  **String fname=request.getParameter("fname");**  **String lname=request.getParameter("lname");**  **String email=request.getParameter("email");**  **String password=request.getParameter("password");**  **String cpassword=request.getParameter("cpassword");**  **String address=request.getParameter("address");**  **contact=Integer.parseInt(request.getParameter("contact"));**    **//insert statement**    **//Statement stmt = conn.getConnection().createStatement(ResultSet.TYPE\_SCROLL\_INSENSITIVE, ResultSet.CONCUR\_READ\_ONLY);//create statement of connection**  **//stmt.executeUpdate("insert into users (fname,lname,email,password,cpassword,address,contact,role,date,status)"**  **// + " values(fname,lname,email,password,cpassword,address,contact,'User', now(),1)");//insert some data**  **//out.println("Data Inserted SuccessFully. <br>");**    **String prepInsert = "INSERT INTO users(fname,lname,email,password,cpassword,address,contact,role,date,status) VALUES(?,?,?,?,?,?,?,'User', now(),1)";**  **PreparedStatement pstmt = conn.getConnection().prepareStatement(prepInsert);**  **pstmt.setString(1, fname);**  **pstmt.setString(2, lname);**  **pstmt.setString(3, email);**  **pstmt.setString(4, password);**  **pstmt.setString(5, cpassword);**  **pstmt.setString(6, address);**  **pstmt.setInt(7, contact);**  **int count = pstmt.executeUpdate();**  **out.println("<h3 style='color:white;'>The Account has been Successfully Created!!!</h3><br>");**  **out.println(count+"<br>");**  **out.println("<a href='login.html' style='color:White;font-size:20;'>Login</a><br>");**  **out.println("</div></body></html>");**    **}**  **catch(SQLException e)**  **{**  **e.printStackTrace();**  **} catch (ClassNotFoundException e) {**  **// TODO Auto-generated catch block**  **e.printStackTrace();**  **}**    **}**  **/\*\***  **\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **// TODO Auto-generated method stub**  **doGet(request, response);**  **}**  **}** |

# LoginServlet.java

|  |
| --- |
| **import java.io.IOException;**  **import java.io.InputStream;**  **import java.io.PrintWriter;**  **import java.sql.ResultSet;**  **import java.sql.SQLException;**  **import java.sql.Statement;**  **import java.util.Properties;**  **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 com.flyaway.DBConnection;**  **/\*\***  **\* Servlet implementation class LoginServlet**  **\*/**  **@WebServlet("/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 {**    **try**  **{**  **PrintWriter out=response.getWriter();**  **out.println("<html><body style='background-color:green;'><div style='margin:15%;'>");**        **InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");// load db connection details and connection files**  **Properties props = new Properties();**  **props.load(in); //load the db connection data onto properties**    **DBConnection conn = new DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));**  **//out.println("DB Connection Initialized. <br>");// Above line actually established the connection**      **String dbemail;**  **String formemail;**  **String email1=request.getParameter("email");**  **String password1= request.getParameter("password");**    **formemail=email1;**    **Statement stmt = conn.getConnection().createStatement(ResultSet.TYPE\_SCROLL\_INSENSITIVE, ResultSet.CONCUR\_READ\_ONLY); // Create a statement out of connection**    **ResultSet rst = stmt.executeQuery("select \* from users where email='abdurehimsermolo002@gmail.com' || email='hajaebakemal@gmail.com' limit 1"); // Fetch the data from DB**    **//Iterate through the Resultset Data**  **while(rst.next())**  **{**  **if(rst.getString("email") != null)**  **{**  **response.sendRedirect("flightlist");**  **}**  **else**  **{**  **out.println(rst.getInt("id")+","+rst.getString("email")+"<br>"); // Print the rows in the Users table**  **}**  **}**  **stmt.close();**  **out.println("</body></html>");**  **conn.closeConnection();**  **}**  **catch(SQLException e)**  **{**  **e.printStackTrace();**  **} catch (ClassNotFoundException e) {**  **// TODO Auto-generated catch block**  **e.printStackTrace();**  **}**  **}**  **/\*\***  **\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **// TODO Auto-generated method stub**  **doGet(request, response);**  **}**  **}** |

# FlightsList.java

|  |
| --- |
| **import java.io.IOException;**  **import java.io.InputStream;**  **import java.io.PrintWriter;**  **import java.sql.ResultSet;**  **import java.sql.SQLException;**  **import java.sql.Statement;**  **import java.util.Properties;**  **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 com.flyaway.DBConnection;**  **/\*\***  **\* Servlet implementation class FlightsList**  **\*/**  **@WebServlet("/FlightsList")**  **public class FlightsList extends HttpServlet {**  **private static final long serialVersionUID = 1L;**    **/\*\***  **\* @see HttpServlet#HttpServlet()**  **\*/**  **public FlightsList() {**  **super();**  **// TODO Auto-generated constructor stub**  **}**  **/\*\***  **\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**    **try**  **{**  **PrintWriter out=response.getWriter();**  **out.println("<html><body style='background-image: url(img/bg.jpg);background-repeat: no-repeat;background-position: center;background-size: cover; background-color:eeeee;'><div style='margin:10%;'>");**      **InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");// load db connection details and connection files**  **Properties props = new Properties();**  **props.load(in); //load the db connection data onto properties**    **DBConnection conn = new DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));**  **//out.println("DB Connection Initialized. <br>");// Above line actually established the connection**      **String dbemail;**  **String formemail;**  **String email1=request.getParameter("email");**  **String password1= request.getParameter("password");**    **formemail=email1;**    **out.println("<h2 style='padding: 8px;padding-left: 40%;'>List Of Flights</h2>");**    **out.println("<head>");**  **out.println("<style>");**        **out.println("table {");**  **out.println("font-family: arial, sans-serif;");**  **out.println("width: 100%;");**  **out.println("padding-left: 0%;");**  **out.println("}");**  **out.println("td, th {");**  **out.println(" border: 1px solid #dddddd;");**  **out.println("text-align: left;");**  **out.println(" padding: 8px;");**    **out.println("}");**  **out.println("tr:nth-child(even) {");**  **out.println(" background-color: #dddddd;");**  **out.println("}");**    **out.println("</style>");**  **out.println("</head>");**    **out.println("<table>");**  **out.println("<tr>");**  **out.println("<th>Flight Number</th>");**  **out.println("<th>From</th>");**  **out.println("<th>To</th>");**  **out.println("<th>Departure Date</th>");**  **out.println("<th>Departure Time</th>");**  **out.println("<th>Type</th>");**  **out.println("<th>Price</th>");**  **out.println("<th>Action</th>");**  **out.println("</tr>");**    **Statement stmt = conn.getConnection().createStatement(ResultSet.TYPE\_SCROLL\_INSENSITIVE, ResultSet.CONCUR\_READ\_ONLY); // Create a statement out of connection**    **ResultSet rst = stmt.executeQuery("select \* from flights\_list limit 100"); // Fetch the data from DB**    **//Iterate through the Resultset Data**    **while(rst.next())**  **{**  **out.println("<tr>");**  **out.println("<td>"+rst.getInt("flight\_id")+"</td>");**  **out.println("<td>"+rst.getString("from1")+"</td>");**  **out.println("<td>"+rst.getString("To1")+"</td>");**  **out.println("<td>"+rst.getString("dep\_date")+"</td>");**  **out.println("<td>"+rst.getString("dep\_time")+"</td>");**  **out.println("<td>"+rst.getString("type")+"</td>");**  **out.println("<td>$"+rst.getInt("price")+"</td>");**  **out.println("<td>"+"<a href=selectflight?flightid="+rst.getInt("flight\_id")+">Select Flight</a>"+"</td>");**  **out.println("</tr>");**  **}**  **out.println("</table>");**  **stmt.close();**  **out.println("</body></html>");**  **conn.closeConnection();**  **}**  **catch(SQLException e)**  **{**  **e.printStackTrace();**  **} catch (ClassNotFoundException e) {**  **// TODO Auto-generated catch block**  **e.printStackTrace();**  **}**    **}**  **/\*\***  **\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **// TODO Auto-generated method stub**  **doGet(request, response);**  **}**  **}** |

# SelectFlight.java

|  |
| --- |
| **import java.io.IOException;**  **import java.io.InputStream;**  **import java.io.PrintWriter;**  **import java.sql.ResultSet;**  **import java.sql.SQLException;**  **import java.sql.Statement;**  **import java.util.Properties;**  **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 com.flyaway.DBConnection;**  **/\*\***  **\* Servlet implementation class SelectFlight**  **\*/**  **@WebServlet("/SelectFlight")**  **public class SelectFlight extends HttpServlet {**  **private static final long serialVersionUID = 1L;**    **/\*\***  **\* @see HttpServlet#HttpServlet()**  **\*/**  **public SelectFlight() {**  **super();**  **// TODO Auto-generated constructor stub**  **}**  **/\*\***  **\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **int flt\_id;**  **protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**    **try**  **{**  **PrintWriter out=response.getWriter();**  **out.println("<html><body style='background-image: url(img/bg.jpg);background-repeat: no-repeat;background-position: center;background-size: cover;background-color:ffeee;'><div style='margin:100px;margin-left:30%;'>");**    **/\* The image used \*/**      **InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");// load db connection details and connection files**  **Properties props = new Properties();**  **props.load(in); //load the db connection data onto properties**    **DBConnection conn = new DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));**  **//out.println("DB Connection Initialized. <br>");// Above line actually established the connection**      **int flightid;**  **flightid = Integer.parseInt(request.getParameter("flightid"));**  **//out.println("Flight Number: "+flightid);**    **Statement stmt = conn.getConnection().createStatement(ResultSet.TYPE\_SCROLL\_INSENSITIVE, ResultSet.CONCUR\_READ\_ONLY); // Create a statement out of connection**    **ResultSet rst = stmt.executeQuery("select \* from flights\_list"); // Fetch the data from DB**    **//Iterate through the Resultset Data**  **out.println("<h2 style='padding: 8px;padding-left:20%;'>Please Confirm This Flight!</h2>");**  **while(rst.next())**  **{**  **if (rst.getInt("flight\_id")==flightid)**  **{**  **out.println("<head>");**  **out.println("<style>");**  **out.println("table {");**  **out.println("font-family: arial, sans-serif;");**  **out.println("width: 65%;");**  **out.println("padding-left: 0%;");**  **out.println("}");**  **out.println("td, th {");**  **out.println("border: 1px solid #dddddd;");**  **out.println("text-align: left;");**  **out.println(" padding: 8px;");**    **out.println("}");**  **out.println("tr:nth-child(even) {");**  **out.println(" background-color: #dddddd;");**  **out.println("}");**  **out.println("</style>");**  **out.println("</head>");**    **flt\_id=rst.getInt("flight\_id");**    **out.println("<table>");**  **out.println("<tr>");**  **out.println("<th>Flight Number</th>");**  **out.println("<td>"+flt\_id+"</td>");**  **out.println("</tr>");**  **out.println("<tr>");**  **out.println("<th>From</th>");**  **out.println("<td>"+rst.getString("from1")+"</td>");**  **out.println("</tr>");**  **out.println("<tr>");**  **out.println("<th>To</th>");**  **out.println("<td>"+rst.getString("To1")+"</td>");**  **out.println("</tr>");**  **out.println("<tr>");**  **out.println("<th>Departure Date</th>");**  **out.println("<td>"+rst.getString("dep\_date")+"</td>");**  **out.println("</tr>");**  **out.println("<tr>");**  **out.println("<th>Departure Time</th>");**  **out.println("<td>"+rst.getString("dep\_time")+"</td>");**  **out.println("</tr>");**  **out.println("<tr>");**  **out.println("<th>Type</th>");**  **out.println("<td>"+rst.getString("type")+"</td>");**  **out.println("</tr>");**  **out.println("<tr>");**  **out.println("<th>Price</th>");**  **out.println("<td> $"+rst.getInt("price")+"</td>");**  **out.println("</tr>");**  **}**  **}**  **stmt.close();**  **out.println("</table>");**  **out.println("<br>");**  **out.println("<a href=finishflight?flightid="+flt\_id+" style='background-color: #04AA6D;color: white;padding: 14px 20px;margin: 8px 0;border: none;cursor: pointer;width: 100px;'>Confirm This Flight</a>");**  **out.println("</body></html>");**  **conn.closeConnection();**  **}**  **catch(SQLException e)**  **{**  **e.printStackTrace();**  **} catch (ClassNotFoundException e) {**  **// TODO Auto-generated catch block**  **e.printStackTrace();**  **}**  **}**  **/\*\***  **\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **// TODO Auto-generated method stub**  **doGet(request, response);**  **}**  **}** |

# FinishFlight.java

|  |
| --- |
| **import java.io.IOException;**  **import java.io.InputStream;**  **import java.io.PrintWriter;**  **import java.sql.PreparedStatement;**  **import java.sql.ResultSet;**  **import java.sql.SQLException;**  **import java.sql.Statement;**  **import java.util.Properties;**  **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 com.flyaway.DBConnection;**  **/\*\***  **\* Servlet implementation class FinishFlight**  **\*/**  **@WebServlet("/FinishFlight")**  **public class FinishFlight extends HttpServlet {**  **private static final long serialVersionUID = 1L;**    **/\*\***  **\* @see HttpServlet#HttpServlet()**  **\*/**  **public FinishFlight() {**  **super();**  **// TODO Auto-generated constructor stub**  **}**  **/\*\***  **\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)**  **\***  **\*/**  **int flt\_id;**  **String from1;**  **String To1;**  **String dep\_date;**  **String dep\_time;**  **String type;**  **int price;**  **protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **try**  **{**  **PrintWriter out=response.getWriter();**    **InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");// load db connection details and connection files**  **Properties props = new Properties();**  **props.load(in); //load the db connection data onto properties**    **DBConnection conn = new DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));**  **//out.println("DB Connection Initialized. <br>");// Above line actually established the connection**      **int flightid;**  **flightid = Integer.parseInt(request.getParameter("flightid"));**  **//out.println("Flight Number: "+flightid);**    **Statement stmt = conn.getConnection().createStatement(ResultSet.TYPE\_SCROLL\_INSENSITIVE, ResultSet.CONCUR\_READ\_ONLY); // Create a statement out of connection**    **ResultSet rst = stmt.executeQuery("select \* from flights\_list"); // Fetch the data from DB**    **//Iterate through the Resultset Data**    **while(rst.next())**  **{**  **if (rst.getInt("flight\_id")==flightid)**  **{**  **flt\_id=rst.getInt("flight\_id");**  **from1=rst.getString("from1");**  **To1=rst.getString("To1");**  **dep\_date=rst.getString("dep\_date");**  **dep\_time=rst.getString("dep\_time");**  **type=rst.getString("type");**  **price=rst.getInt("price");**  **}**  **}**      **String prepInsert = "INSERT INTO book(flight\_id,from1,To1,dep\_date,dep\_time,type,price,status,passenger) VALUES(?,?,?,?,?,?,?,1,'Abdurehim\_Sermolo')";**  **//String prepInsert = "INSERT INTO book(flight\_id,from1,To1,dep\_date,dep\_time,type,status,passenger,price) VALUES(?,'Addis Ababa','Cairo','2022-09-08','04:36:00','Economy',1,'Abdurehim\_Sermolo',1150)";**  **//String prepInsert = "INSERT INTO flights\_list(from1,To1,dep\_date,dep\_time,type,status,price) VALUES(?,?,?,?,?,?,1,1150)";**  **PreparedStatement pstmt = conn.getConnection().prepareStatement(prepInsert);**  **pstmt.setInt(1, flt\_id);**  **pstmt.setString(2, from1);**  **pstmt.setString(3, To1);**  **pstmt.setString(4, dep\_date);**  **pstmt.setString(5, dep\_time);**  **pstmt.setString(6, type);**  **pstmt.setInt(7, price);**    **int count = pstmt.executeUpdate();**  **response.sendRedirect("viewticket");**  **}**  **catch(SQLException e)**  **{**  **e.printStackTrace();**  **} catch (ClassNotFoundException e) {**  **// TODO Auto-generated catch block**  **e.printStackTrace();**  **}**  **}**  **/\*\***  **\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)**  **\*/**  **protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**  **// TODO Auto-generated method stub**  **doGet(request, response);**  **}**  **}** |

# ViewTicket.java

|  |
| --- |
| **import** java.io.IOException;  **import** java.io.InputStream;  **import** java.io.PrintWriter;  **import** java.sql.ResultSet;  **import** java.sql.SQLException;  **import** java.sql.Statement;  **import** java.util.Properties;  **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** com.flyaway.DBConnection;  /\*\*  \* Servlet implementation class ViewTicket  \*/  @WebServlet("/ViewTicket")  **public** **class** ViewTicket **extends** HttpServlet {  **private** **static** **final** **long** ***serialVersionUID*** = 1L;    /\*\*  \* **@see** HttpServlet#HttpServlet()  \*/  **public** ViewTicket() {  **super**();  // **TODO** Auto-generated constructor stub  }  /\*\*  \* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)  \*/  **int** ticket\_id;  **int** flt\_id;  String from1;  String To1;  String dep\_date;  String dep\_time;  String type;  **int** price;  String passenger;  **int** status;  **protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {      **try**  {  PrintWriter out=response.getWriter();  out.println("<html><body style='background-image: url(img/bg.jpg);background-repeat: no-repeat;background-position: center;background-size: cover; background-color:eeeee;'><div style='margin:10%;'>");      InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");// load db connection details and connection files  Properties props = **new** Properties();  props.load(in); //load the db connection data onto properties    DBConnection conn = **new** DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));  //out.println("DB Connection Initialized. <br>");// Above line actually established the connection      String dbemail;  String formemail;  String email1=request.getParameter("email");  String password1= request.getParameter("password");    formemail=email1;    out.println("<h2 style='padding: 8px;padding-left: 40%;'>Passenger Information</h2>");    out.println("<head>");  out.println("<style>");  out.println("table {");  out.println("font-family: arial, sans-serif;");  out.println("width: 100%;");  out.println("padding-left: 0%;");  out.println("}");  out.println("td, th {");  out.println(" border: 1px solid #dddddd;");  out.println("text-align: left;");  out.println(" padding: 8px;");    out.println("}");  out.println("tr:nth-child(even) {");  out.println(" background-color: #dddddd;");  out.println("}");  out.println("</style>");  out.println("</head>");    out.println("<table>");  out.println("<tr>");  out.println("<th>Ticket Number</th>");  out.println("<th>Flight Number</th>");  out.println("<th>From</th>");  out.println("<th>To</th>");  out.println("<th>Departure Date</th>");  out.println("<th>Departure Time</th>");  out.println("<th>Type</th>");  out.println("<th>Price</th>");  out.println("<th>Passenger</th>");  out.println("</tr>");    Statement stmt = conn.getConnection().createStatement(ResultSet.***TYPE\_SCROLL\_INSENSITIVE***, ResultSet.***CONCUR\_READ\_ONLY***); // Create a statement out of connection    ResultSet rst = stmt.executeQuery("select \* from book limit 100"); // Fetch the data from DB    //Iterate through the Resultset Data    **while**(rst.next())  {  ticket\_id=rst.getInt("ticket\_id");  flt\_id=rst.getInt("flight\_id");  from1=rst.getString("from1");  To1=rst.getString("To1");  dep\_date=rst.getString("dep\_date");  dep\_time=rst.getString("dep\_time");  type=rst.getString("type");  price=rst.getInt("price");  passenger=rst.getString("passenger");  status=rst.getInt("status");  }  out.println("<tr>");  out.println("<td>"+ticket\_id+"</td>");  out.println("<td>"+flt\_id+"</td>");  out.println("<td>"+from1+"</td>");  out.println("<td>"+To1+"</td>");  out.println("<td>"+dep\_date+"</td>");  out.println("<td>"+dep\_time+"</td>");  out.println("<td>"+type+"</td>");  out.println("<td>$"+price+"</td>");  out.println("<td>"+passenger+"</td>");  out.println("<td>"+"<a href=selectflight?flightid="+rst.getInt("flight\_id")+">Select Flight</a>"+"</td>");  out.println("</tr>");  out.println("</table>");  stmt.close();  out.println("</body></html>");  conn.closeConnection();  }  **catch**(SQLException e)  {  e.printStackTrace();  } **catch** (ClassNotFoundException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }    }  /\*\*  \* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)  \*/  **protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {  // **TODO** Auto-generated method stub  doGet(request, response);  }  } |