# Project: FlyAway

```java
package com.flightbooking.database;
import java.sql.Connection; import
java.sql.DriverManager; import
java.sql.ResultSet; import
java.sql.SQLException; import
java.sql.Statement; import
java.util.ArrayList; import
java.util.HashMap; import
java.util.List; import
com.simplelearn.util.*; public
class ConnectionUtil { public
Connection con=null; public
Statement st=null;
public ConnectionUtil() throws ClassNotFoundException, SQLException{
Class.forName("com.mysql.cj.jdbc.Driver");con=DriverManager.getConnection("jdbc:mysq
l://localhost:3306/db","root","DeepaliPoly@12345"); System.out.println("connection
established with database"); st=con.createStatement();
}
public List<String[]> getAvailableFlights(String f, String t, String d) {
List<String[]> flights=new ArrayList<>();
String query="SELECT * FROM db.flights where fromf='"+f+"' and tof='"+t+"' and
datef='"+d+"'";
try {
ResultSet rs=st.executeQuery(query); if(rs.next())
{
String[] flight=new String[3];
flight[0]=rs.getString("name");
flight[1]=rs.getString("timef");
flight[2]=rs.getString("price");
flights.add(flight); return
flights;
}
} catch (SQLException e) {
e.printStackTrace(); }
return null;
} public HashMap<String, String> checkUser(String email, String password)
{
HashMap<String,String> user=null;
String query="select * from user where email='"+email+"' and
password='"+password+"'";
try {
ResultSet rs=st.executeQuery(query);
if(rs.next()) { user=new
HashMap<>();
user.put("name", rs.getString("name"));
user.put("email",rs.getString("email"));
user.put("phno",rs.getString("phno")); user.put("adno",rs.getString("adno"));
}
return user;
} catch (SQLException e) {
e.printStackTrace(); }
return user;
}
```

```java
public boolean insertUser(HashMap<String, String> user) { String
query="INSERT INTO user (email, password, name, phno, adno)
values('"+user.get("email")+"','"+user.get("password")+"','"+user.get("name")+"','"+
user.get("phno")+"','"+user.get("adno")+"')";  try { st.execute(query); return true;
} catch (SQLException e) {
e.printStackTrace(); }
return false;
}
public boolean checkAdmin(String email, String password) { try
{
ResultSet rs=st.executeQuery("select * from admin where email='"+email+"' and
password='"+password+"'"); if(rs.next()) return true;
} catch (SQLException e) {
e.printStackTrace(); }
return false;
}
public boolean changeAdminPassword(String email, String password) { try
{
ResultSet rs=st.executeQuery("select * from admin where email='"+email+"'");
if(!rs.next()) { return false;
}
st.execute("update admin set password='"+password+"' where email='"+email+"'");
return true;
} catch (SQLException e) {
e.printStackTrace(); }
return false;
} public boolean insertFlight(HashMap<String, String> flight) throws SQLException
{     String query1 = "INSERT INTO flights (name, fromf, tof, datef, timef, price)
VALUES" + " ('" +StringUtil.fixSqlFieldValue(flight.get("name")) + "'," + " '"+
StringUtil.fixSqlFieldValue(flight.get("from")) + "'," + " '"+
StringUtil.fixSqlFieldValue(flight.get("to")) + "'," + " '" +
StringUtil.fixSqlFieldValue(flight.get("date")) + "'," + " '"+
StringUtil.fixSqlFieldValue(flight.get("time")) + "'," + " '"+
StringUtil.fixSqlFieldValue(flight.get("price")) + "')";
    System.out.println(flight.get("date"));
    System.out.println(flight.get("time"));
try {
//stm.execute();
st.execute(query1); return
true;
} catch (SQLException e) {
System.out.print("error");
e.printStackTrace(); }
return false;
}
}
```

## SERVLETS

FilghtInsert.java

```java
package com.flightbooking.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.flightbooking.database.ConnectionUtil;


@WebServlet("/InsertFlight")
public class FilghtInsert 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 {
                ConnectionUtil dao=new ConnectionUtil();
                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

```java
package com.flightbooking.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.flightbooking.database.ConnectionUtil;
@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 {
    ConnectionUtil    dao=new    ConnectionUtil();        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");

        }
}
```

ListOfFlights.java

```java
package com.flightbooking.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
```

```java
javax.servlet.http.HttpSession;               import
com.flightbooking.database.ConnectionUtil;


@WebServlet("/FlightList")
public class ListOfFlights 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 {
                        ConnectionUtil dao = new ConnectionUtil();
        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");
        }
}
```

LoginOfAdmin.java

```java
package com.flightbooking.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.flightbooking.database.ConnectionUtil;


@WebServlet("/AdminLogin")
public class LoginOfAdmin 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 {
                        ConnectionUtil dao=new ConnectionUtil();
```

```java
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();
        }

    }

}
```

LoginOfUser.java

```java
package com.flightbooking.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.flightbooking.database.ConnectionUtil;
@WebServlet("/UserLogin")
public class LoginOfUser 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 {
                ConnectionUtil dao=new ConnectionUtil();
                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();
        }
```

```java
    }
}
```

```java
package com.flightbooking.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"); }
}
```

```java
package com.flightbooking.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.flightbooking.database.ConnectionUtil;

@WebServlet("/UserRegistration")
public class RegistrationOfUser 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);
```

```java
                user.put("name",   name);   user.put("phno",
                phno); user.put("adno", adno);

                try {
        ConnectionUtil dao=new ConnectionUtil();        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");
        }
}
```

StringUtil.java

```java
package com.simplelearn.util;
public class StringUtil { public static String
fixSqlFieldValue(String value) { if (value == null) {
return null;
                }
                int length = value.length();
                StringBuffer            fixedValue              =           new
                StringBuffer((int)(length*1.1)); for(int i = 0 ; i < length
                ;i++) {  char  c  =  value.charAt(i);  if  (  c  ==  '\'') {
                fixedValue.append("''");
                        }else {
                                fixedValue.append(c);
                        }
                }
                return fixedValue.toString();
        }

        public static String encodeHtmlTag(String tag)
                { if (tag==null) return null;
                int length = tag.length();
                StringBuffer encodedTag = new StringBuffer(2 *
                length); for(int i = 0 ; i < length;i++) { char c =
                tag.charAt(i); if(c=='<') encodedTag.append("<");
                        else if(c=='>') encodedTag.append(">");
                        else if(c=='&')
                                encodedTag.append("&amp;");
                        else if(c=='"')
                                encodedTag.append("&quot;");
                        else if(c==' ')
                        encodedTag.append(" "); else
                                encodedTag.append(c);
                }

                return encodedTag.toString();
```

```
        }
}
```

AdminHome.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html> <head>
<meta charset="ISO-8859-1">
<title>Admin Home</title>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-
weight:bold;">Flight Booking</a>
<br><br>
<h1>Insert New Flight Details</h1>

<div style="border:3px solid black;width:25%;border-radius:20px;padding:20px"
align="center">
<form action=InsertFlight method=post>
        <label for=name>Name :-</label> <input type="text" name=name id=name
/><br><br>
        <label for=from>From :-</label> <input type="text" name=from id=from
/><br><br>
        <label for=to>To :-</label> <input type="text" name=to id=to /><br><br>
        <label for=departure>Departure :-</label> <input type="date" name=departure
id=departure /><br><br>
        <label for=time>Time :-</label> <input type="time" name=time id=time
/><br><br>
        <label for=price>Price :-</label> <input type="text" name=price id=price
/><br><br>
        <input type=submit value=submit /> <input type=reset />
</form>
</div>
<%
        String message=(String)session.getAttribute("message");
        if(message!=null){
%>
<p style="color:silver;"><%=message %></p>
<% session.setAttribute("message", null); }
%>
</body>
</html>
```

AdminPage.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html> <head>
<meta charset="ISO-8859-1">
<title>Admin Page</title>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-
weight:bold;">Flight Booking</a>
<br><br>
<h2>Admin Login</h2>
<div style="border:3px solid black;width:25%;border-radius:20px;padding:20px"
align="center">
<form action=AdminLogin method=post>
        <label for=email>Email :-</label> <input type="email" name=email id=email
/><br><br>
        <label for=pass>Password :-</label> <input type="password" name=password
id=pass /><br><br>
        <input type=submit value=submit /> <input type=reset />
</form> </div>
<a href=ForgotPassword.jsp style="font-size:25;color:red;">Forgot Password</a>


<%
        String message=(String)session.getAttribute("message");
        if(message!=null){
%>
<p style="color:silver;"><%=message %></p>
<% session.setAttribute("message", null); }
%>
</body>
                                            </html>
```

BookFlight.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import="java.util.*" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>FlyAway</title>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-
weight:bold;">Flight Booking</a>
<br><br>
```

```jsp
<%
    @SuppressWarnings("unchecked")
    HashMap<String,String>
user=(HashMap<String,String>)session.getAttribute("user")
; if(user==null){ response.sendRedirect("UserPage.jsp");
}
%>
<p align="center" style="color:green;font-size:40px;font-weight:bold">Flight
Booked Successfully</p>
</body>
</html>
```



FlightList.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<%@ page import="java.util.*" %>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Flight List</title>
</head>
<body > <br>
<a href=HomePage.jsp style="color:black;text-decoration:none;font-size:35px;font-
weight:bold;">Flight Booking</a>
<br><br>
<%
    @SuppressWarnings("unchecked")
    List<String[]> flights=(List<String[]>)session.getAttribute("flights");
    if(flights!=null){
%>

<h1>Available Flights</h1>

<table border="1">
<tr>
    <th>Name</th>
    <th>Time</th>
    <th>Price</th>
</tr>


                    for(String[]
<%    flight:flights){

%>


<tr>
<td><%=flight[0]%></td>
<td><%=flight[1]%></td>
<td><%=flight[2]%></td>
</tr>
</table>
```

```
<a href=BookFlight.jsp>Book Now</a>
<%
        }
%>


<% } else{
%>
<h1>There are no available flights</h1>
<%
        }
%>
</body>
</html>
```

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html> <head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-
weight:bold;">Flight Booking</a>
<br><br>
<div style="border:3px solid black;width:25%;border-radius:20px;padding:20px"
align="center">
<form action=ForgotPassword method=post>
        <label for=email>Email :-</label> <input type="email" name=email id=email
/><br><br>
        <label for=pass>New Password :-</label> <input type="password" name=password
id=pass /><br><br>
        <input type=submit value=submit /> <input type=reset />
</form>
</div>
</body>
                                  </html>
```

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import="java.util.*" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Flight Booking</title>
</head>
<body >
```

```jsp
<h1>FlyAway</h1>

<div align="right">
<a href="AdminPage.jsp">Admin Login</a>
</div>

<%

    @SuppressWarnings("unchecked")
    HashMap<String,String>
user=(HashMap<String,String>)session.getAttribute("user"); if(user!=null){
%>
<p>Welcome <%=user.get("name") %></p>
<a href="Logout">Logout</a>
<%

    }else{
%>
<a href=UserPage.jsp>User Login</a>
<%

    }
%> <br><br>
<div style="border:5px solid black;width:25%;border-radius:20px;padding:20px"
align="center">
<form action=FlightList method=post>
    <label for=from>From :-</label> <input type=text name=from id=from/><br><br>
    <label for=to>To :-</label> <input type=text name=to id=to/><br><br>
    <label for=departure>Departure :-</label> <input type=date name=departure
id=departure/><br><br>
    <label for=travellers>Travellers :-</label> <input type=number
name=travellers id=travellers/><br><br>
    <input type=submit value=Search /> <input type=reset />
</form>
</div>
</body>
</html>
```

UserPage.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-
weight:bold;">Flight Booking</a>
<br><br>
<h2>User Login</h2>
<div style="border:2px solid black;width:25%;border-radius:20px;padding:20px"
align="center">
<form action=UserLogin method=post >
```

```
<table >
<tr>
<td><label for=email>Email</label><br></td>
<td><input type="email" name=email id=email /></td>
</tr>
<tr>
<td><label for=pass>Password</label><br></td>
<td><input type="password" name=password id=pass /></td>
</tr>

<tr>
<td><input type=submit value=submit /></td>
<td><input type=reset /></td>
</tr>
</table>

</form>
</div>
<br><br>
<i>New User-Create account</i>
<h4><a href=UserRegistration.jsp style="font-size:25;color:red;">Create
Account</a></h4>

<%
    String message=(String)session.getAttribute("message");
    if(message!=null){
%>
<p style="color:silver;"><%=message %></p>
<% session.setAttribute("message", null); }
%>
</body>
                            </html>
```

UserRegistration.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html> <head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-
weight:bold;">Flight Booking</a>
<br><br>
<div style="border:3px solid black;width:25%;border-radius:20px;padding:20px"
align="center">
<form action=UserRegistration method=post>
    <label for=email>Email :-</label> <input type="email" name=email id=email
/><br><br>
    <label for=pass>Password :-</label> <input type="password" name=password
id=pass /><br><br>
```

```html
        <label for=name>Name :-</label> <input type="text" name=name id=name
/><br><br>
        <label for=phno>Phone No. :-</label> <input type="text" name=phno id=phno
/><br><br>
        <label for=adno>Aadhaar No. :-</label> <input type="text" name=adno id=adno
/><br><br>
        <input type=submit value=submit /> <input type=reset />
</form>
</div>
</body>
                                            </html>
```

web.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://xmlns.jcp.org/xml/ns/javaee"
xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
http://xmlns.jcp.org/xml/ns/javaee/web-app_4_0.xsd" version="4.0">
  <display-name>Flight Booking</display-name>
  <welcome-file-list>
    <welcome-file>UserRegistration.jsp</welcome-file>
    <welcome-file>AdminHome.jsp</welcome-file>
    <welcome-file>AdminPage.jsp</welcome-file>
    <welcome-file>FlightList.jsp</welcome-file>
    <welcome-file>BookFlight.jsp</welcome-file>
    <welcome-file>ForgotPassword.jsp</welcome-file>
    <welcome-file>HomePage.jsp</welcome-file>
    <welcome-file>UserPage.jsp</welcome-file>
  </welcome-file-list> </web-app>
```

pom.xml

```xml
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>org.simplilearn.workshop</groupId>
  <artifactId>FlyAway</artifactId>
  <version>1.0-SNAPSHOT</version>
  <packaging>war</packaging>
  <name>FlyAway</name>
  <description>FlyAway is a ticket-booking portal that lets people book flights on
their website.</description>
  <properties>
            <maven.compiler.source>1.8</maven.compiler.source>
            <maven.compiler.target>1.8</maven.compiler.target> </properties>

  <build>
```

```xml
<plugins>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-war-plugin</artifactId>
  <version>2.6</version>
  <configuration>
    <failOnMissingWebXml>false</failOnMissingWebXml>
  </configuration>
</plugin>
</plugins>
</build>
    <dependencies>
        <dependency>
<groupId>javax.servlet.jsp</groupId>
<artifactId>javax.servlet.jsp-api</artifactId>
<version>2.3.3</version>
<scope>provided</scope>
</dependency>
        <dependency>
            <groupId>javax.servlet</groupId>
            <artifactId>javax.servlet-api</artifactId>
            <version>4.0.1</version>
            <scope>provided</scope>
        </dependency>
        <dependency>
            <groupId>mysql</groupId>
            <artifactId>mysql-connector-java</artifactId>
            <version>8.0.23</version>
        </dependency>

    </dependencies>  </project>
```