



Course Title: Advance Enterprise Java Lab

Course Code: SE 410

Report on

JSP JDBC MySQL Web based Student Management System

Submitted by:

Name: Faysal Sarder

ID: 181472515

Batch: 47th

Submitted To:

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Submission Date: 20-02-2022

JSP JDBC MySQL Web based Student Management System


localhost / 127.0.0.1 / jspstu / s... Login Page

Login

Username

Password

Login Reset



Name: Faysal Sarder
ID: 181472515



localhost / 127.0.0.1 / jspstu / s... Registration

Student Registration

Student Name	Student Name	Course	Batch	Address	Gender	Phone	Edit	Delete
name	Faysal Sarder	Java	47th	Dhaka	Male	1521493889	Edit	Delete
Course	Mehedi	Java	47th	Dhaka	Male	1797651089	Edit	Delete

Java

Batch

47th

Address

address

Gender

Male

phone no

Submit reset

localhost / 127.0.0.1 / jspstu / s... JSP Page

Batch

Batch	Batch	Year	Edit	Delete
batch	47th	2019	Edit	Delete
Year	48th	2020	Edit	Delete

year

Submit reset

localhost / 127.0.0.1 / jspstu / s... JSP Page

Update Batch

Course ID

1

Batch

47th

Year

2019

Submit Reset

localhost / 127.0.0.1 / jspstu / s... JSP Page

Course

Course Title

Duration

Course Title	Duration	Edit	Delete
Java	1	Edit	Delete
Dsd	2	Edit	Delete
Fandamental	2	Edit	Delete

index.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <link href="bootstrap-5.1.3-dist/css/bootstrap.css" rel="stylesheet" type="text/css"/>
    <link href="bootstrap-5.1.3-dist/css/bootstrap.min.css" rel="stylesheet" type="text/css"/>
    <title>Login Page</title>
  </head>
  <body>
    <h1>Login</h1>

    <div class ="row">

      <div class ="col-sm-4">
        <form method="POST" action="loginv.jsp">
          <div align="left">
            <label class="form-label">Username</label>
            <input type="text" id ="uname" name="uname" class="form-control"
placeholder="username" size="30px" required><!-- comment -->

```

```
</div>

</br>

<div align="left">

    <label class="form-label"> Password</label>

    <input type="password" id ="password" name="password" class="form-
control"placeholder="password" size="30px" required><!-- comment -->

</div>

</br>

</br>

<div align="left">

    <input type="submit" id ="submit" name="submit" value="Login" class="btn btn-info"><!--
comment -->

    <input type="reset" id ="reset" name="reset" value="Reset" class="btn btn-danger"><!--
comment -->

</div>

</form>

</div>

<div class ="col-sm-8">

</br>

</br><!-- comment -->

</br>

<p>Name: Faysal Sarder</p>

<p> ID: 181472515  </p>

</div>

</div>
```

```
</body>
</html>
```

Loginv.jsp

```
<%
String username = request.getParameter("uname");
String password = request.getParameter("password");

if(username.equals("Faysal") && password.equals("515"))
{
String redirect="mainsec.jsp";
response.sendRedirect(redirect);
}
else{
out.println("Username or password is incorrect.");
}

%>
```

Mainsec.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<link href="bootstrap-5.1.3-dist/css/bootstrap.css" rel="stylesheet" type="text/css"/>
<link href="bootstrap-5.1.3-dist/css/bootstrap.min.css" rel="stylesheet" type="text/css"/>
```

```
<title>Student Management System</title>

</head>

<body>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <!-- <a class="navbar-brand" href="#">Student Management</a> -->

        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

        </button>

        <div class="collapse navbar-collapse" id="navbarNav">

            <ul class="navbar-nav">

                <li class="nav-item active">

                    <a class="nav-link" href="mainsec.jsp">Home</a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="student/student.jsp">Student</a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="batch/batch.jsp">Batch</a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="course/course.jsp">Course</a>

                </li>

            </ul>

        </div>

    </nav>
```

```
<h1>Student Management System</h1>


```

```
</body>

</html>
```

Student.jsp

```
<%@page import="java.sql.*" %>

<% Class.forName("com.mysql.jdbc.Driver");%>


<%@page contentType="text/html" pageEncoding="UTF-8"%>


<%

    Connection con;

    PreparedStatement pst;

    ResultSet rs;


%>


<!DOCTYPE html>

<html>
```



```

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <link href="../../bootstrap-5.1.3-dist/css/bootstrap.css" rel="stylesheet" type="text/css"/>
    <link href="../../bootstrap-5.1.3-dist/css/bootstrap.min.css" rel="stylesheet" type="text/css"/>


    <title>Registration</title>
</head>
<body>

    <h1>Student Registration</h1>


    <div class="row">
        <div class="col-sm-4">
            <form method="POST" align="left" action="sadd.jsp">
                <div>
                    <label class="form-label">Student Name</label>
                    <input type="text" id="sname" name="sname" placeholder="name" class="form-control"
required><!-- comment -->
                </div>


                <div>
                    <label class="form-label">Course</label>
                    <select name="course" id="course" class="form-control">
                        <%
                            Class.forName("com.mysql.jdbc.Driver");

                            con =DriverManager.getConnection("jdbc:mysql://localhost/jspstu","root","");

String query ="select * from course";
Statement st = con.createStatement();

```

```
rs = st.executeQuery(query);
```

```
while(rs.next()){
```

```
String id = rs.getString("id");
```

```
String coursename = rs.getString("coursename");
```

```
    %>
```

```
    <option value="<%=id %>"><%=coursename %></option>
```

```
    <%
```

```
    }
```

```
    %>
```

```
</select>
```

```
</div>
```

```
<div>
```

```
    <label class="form-label">Batch</label>
```

```
    <select name = "batch" id="batch" class="form-control">
```

```
        <%
```

```
        Class.forName("com.mysql.jdbc.Driver");
```

```
        con =DriverManager.getConnection("jdbc:mysql://localhost/jspstu","root","");
```

```
String query1 ="select * from batch";
```

```
Statement st1 = con.createStatement();
```

```
rs = st1.executeQuery(query1);
```

```

while(rs.next()){
String id = rs.getString("id");
String batchname = rs.getString("batchname");

    %>

    <option value="<%=id %>"><%=batchname %></option>

    <%
    }
    %>

</select>
</div>

<div>
    <label class="form-label">Address</label>

    <input type ="text" id="address" name="address" placeholder="address" class="form-
control" required><!-- comment -->
</div>

<div>
    <label class="form-label">Gender</label>
    <select name ="gender" id="gender" class="form-control">
        <option> Male</option>
        <option>Female</option>
        <option>Common</option>
    </div>

```

```
<div>

    <label class="form-label">Phone No</label>

    <input type ="number" id="phone" name="phone" placeholder="phone no" class="form-
control" required><!-- comment -->

</div>
```

```
<div>

    <input type="submit" name="submit" class="btn btn-info" value="Submit">

    <input type="reset" name="reset" class="btn btn-warning" value="reset">

</div>
```

```
</form>
```

```
</div>
```

```
<div class="col-sm-8">
```

```
<div class ="panel-body">
```

```
    <table id ="tbl-course" class="table table-responsive table-bordered" cellpadding="0"
width="100%">
```

```
    <thead>
```

```
        <tr>
```

```
            <th>Student Name</th>
```

```
            <th>Course</th>
```

```
            <th>Batch</th><!-- comment -->
```

```
            <th>Address</th>
```

```
            <th>Gender</th>
```

```
            <th>Phone</th>
```

```
            <th>Edit</th>
```

```
            <th>Delete</th>
```

```
</tr>
```

```
<tbody>
```

```
<%
```

```
Class.forName("com.mysql.jdbc.Driver");
```

```
con =DriverManager.getConnection("jdbc:mysql://localhost/jspstu","root","");
```

```
String query3 ="select s.id, s.studname, c.coursename,b.batchname, s.address, s.gender, s.phone from  
student s JOIN course c ON s.course = c.id JOIN batch b ON s.batch = b.id";
```

```
Statement st3 = con.createStatement();
```

```
rs=st3.executeQuery(query3);
```

```
while(rs.next()){
```

```
String id = rs.getString("s.id");
```

```
%>
```

```
<tr>
```

```
<td><%=rs.getString("s.studname") %></td>
```

```
<td><%=rs.getString("c.coursename") %></td>
```

```
<td><%=rs.getString("b.batchname") %></td><!-- comment -->
```

```
<td><%=rs.getString("s.address") %></td>
```

```
<td><%=rs.getString("s.gender") %></td>
```

```
<td><%=rs.getString("s.phone") %></td>
```

```
<td><a href="studentupdate.jsp?id=<%=id %>">Edit</a></td>
```

```
<td><a href="studentdelete.jsp?id=<%=id %>">Delete</a></td>
```

</tr>

<% } %>

</tbody>

</table>

</div>

</div>

</div>

</body>

</html>

Course.jsp

<%@page import="java.sql.*" %>

<% Class.forName("com.mysql.jdbc.Driver");%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<link href="../../bootstrap-5.1.3-dist/css/bootstrap.css" rel="stylesheet" type="text/css"/>
<link href="../../bootstrap-5.1.3-dist/css/bootstrap.min.css" rel="stylesheet"
type="text/css"/>
```

```
<title>JSP Page</title>
```

```
</head>
```

```
<body>
```

```
<h1>Course</h1>
```

```
<div class="row">
```

```
<div class="col-sm-4">
```

```
<form method="POST" align="left" action="add.jsp">
```

```
<div>
```

```
<label class="form-label">Course Title</label>
```

```
<input type="text" id="name" name="name" placeholder="Course Title"
class="form-control" required><!-- comment -->
```

```
</div>
```

```
<div>
```

```
<label class="form-label">Duration</label>
```

```
<input type="text" id="duration" name="duration" placeholder="Duration"
class="form-control" required><!-- comment -->
```

```
</div>
```

```
<div>
```

```
<input type="submit" name="submit" class="btn btn-info" value="submit">
```

```
<input type="reset" name="reset" class="btn btn-warning" value="reset">
```

```
</div>
```

```

        </form>
    </div>

    <div class="col-sm-8">
        <div class="panel-body">
            <table id="tbl-course" class="table table-responsive table-bordered" cellpadding="0"
width="100%">

                <thead>
                    <tr>
                        <th>Course Title</th>
                        <th>Duration</th>
                        <th>Edit</th><!-- comment -->
                        <th>Delete</th>
                    </tr>
                <tbody>
                    <%
                        Connection con;
                        PreparedStatement pst;
ResultSet rs;

                        Class.forName("com.mysql.jdbc.Driver");

                        con =DriverManager.getConnection("jdbc:mysql://localhost/jspstu","root","");

String query ="select * from course";
Statement st = con.createStatement();
rs=st.executeQuery(query);

```



```
while(rs.next()){
```

```
String id = rs.getString("id");
```

```
    %>
```

```
    <tr>
```

```
        <td><%=rs.getString("coursename") %></td>
```

```
        <td><%=rs.getString("duration") %></td>
```

```
        <td><a href="courseupdate.jsp?id=<%=id %> ">Edit</a></td>
```

```
        <td><a href="coursedelete.jsp?id=<%=id %> ">Delete</a></td>
```

```
    </tr>
```

```
    <% } %>
```

```
</tbody>
```

```
</table>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

Batch.jsp

```
<%@page import="java.sql.*" %>
```

```
<% Class.forName("com.mysql.jdbc.Driver");%>
```

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
    <link href="../../bootstrap-5.1.3-dist/css/bootstrap.css" rel="stylesheet" type="text/css"/>
```

```
    <link href="../../bootstrap-5.1.3-dist/css/bootstrap.min.css" rel="stylesheet" type="text/css"/>
```

```
    <title>JSP Page</title>
```

```
  </head>
```

```
  <body>
```

```
    <h1>Batch</h1>
```

```
    <div class="row">
```

```
      <div class="col-sm-4">
```

```
        <form method="POST" align="left" action="add.jsp">
```

```
          <div>
```

```
            <label class="form-label">Batch</label>
```

```
            <input type="text" id="bname" name="bname" placeholder="batch" class="form-control" required><!-- comment -->
```

```
          </div>
```

```
<div>

    <label class="form-label">Year</label>

    <input type ="number" id="year" name="year" placeholder="year" class="form-
control" required><!-- comment -->

</div>
```

```
<div>

    <input type="submit" name="submit" class="btn btn-info" value="Submit">

    <input type="reset" name="reset" class="btn btn-warning" value="reset">

</div>
```

```
</form>
```

```
</div>
```

```
<div class="col-sm-8">
```

```
<div class ="panel-body">
```

```
    <table id ="tbl-course" class="table table-responsive table-bordered" cellpadding="0"
width="100%">
```

```
<thead>
```

```
<tr>
```

```
    <th>Batch</th>
```

```
    <th>Year</th>
```

```
    <th>Edit</th><!-- comment -->
```

```
    <th>Delete</th>
```

```
</tr>
```

```
<tbody>
```

```
<%
```

```
    Connection con;
```

```
    PreparedStatement pst;
```

```
ResultSet rs;
```

```
Class.forName("com.mysql.jdbc.Driver");
```

```
con =DriverManager.getConnection("jdbc:mysql://localhost/jspstu","root","");
```

```
String query ="select * from batch";
```

```
Statement st = con.createStatement();
```

```
rs=st.executeQuery(query);
```

```
while(rs.next()){
```

```
String id = rs.getString("id");
```

```
    %>
```

```
    <tr>
```

```
        <td><%=rs.getString("batchname") %></td>
```

```
        <td><%=rs.getString("year") %></td>
```

```
        <td><a href="batchupdate.jsp?id=<%=id %> ">Edit</a></td>
```

```
        <td><a href="batchdelete.jsp?id=<%=id %> ">Delete</a></td>
```

```
    </tr>
```

```
    <% } %>
```

```
</tbody>
```

```
</table>
```

</div>

</div>

</div>

</body>

</html>