

ASSIGNMENT 3

JDBC

Design jsp for user signup and create login controller using JDBC

Signup.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page import="java.sql.*" %>
<%@include file="config.jsp" %>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<%

    if(request.getParameter("submit") != null){

        String firstName = request.getParameter("first_name");
        String lastName = request.getParameter("last_name");
        String email = request.getParameter("email");
        String phone = request.getParameter("phone");
        String password = request.getParameter("password");
        String cpassword = request.getParameter("cpassword");

        if(password.equals(cpassword)){

            int rows = stmt.executeUpdate("insert into user(fname,lname,email,password) VALUES
('" + firstName + "','" + lastName + "','" + email + "','" + password + "')");
            if(rows==1 ){
                out.print("done");
            }
            else{
                out.print("don]\t");
            }
        }
        else{
            out.print("password and confirm password does not match..");
        }
    }

%>

<html lang="en">

<head>
```

```

<!-- Required meta tags-->
<meta charset="UTF-8">

<!-- Title Page-->
<title>Au Register Forms by Colorlib</title>

<!-- Icons font CSS-->
<link href="vendors/mdi-font/css/material-design-iconic-font.min.css" rel="stylesheet"
media="all">
<link href="vendors/font-awesome-4.7/css/font-awesome.min.css" rel="stylesheet"
media="all">
<!-- Font special for pages-->
<link
href="https://fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400
i,500,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">

<!-- vendors CSS-->
<link href="vendors/select2/select2.min.css" rel="stylesheet" media="all">
<link href="vendors/datepicker/daterangepicker.css" rel="stylesheet" media="all">

<!-- Main CSS-->
<link href="css/signup.css" rel="stylesheet" media="all">
</head>

<body>
<div class="page-wrapper bg-gra-02 p-t-130 p-b-100 font-poppins">
  <div class="wrapper wrapper--w680">
    <div class="card card-4">
      <div class="card-body">
        <h2 class="title">Regestration Form</h2>
        <form method="POST">
          <div class="row row-space">
            <div class="col-2">
              <div class="input-group">
                <label class="label">first name</label>
                <input class="input--style-4" type="text" name="first_name">
              </div>
            </div>
            <div class="col-2">
              <div class="input-group">
                <label class="label">last name</label>
                <input class="input--style-4" type="text" name="last_name">
              </div>
            </div>
          </div>
          <div class="row row-space">
            <div class="col-2">
              <div class="input-group">
                <label class="label">password</label>
                <input class="input--style-4" type="password" name="password">
              </div>
            </div>
          </div>
        </form>
      </div>
    </div>
  </div>
</body>

```

```

    </div>
    <div class="col-2">
        <div class="input-group">
            <label class="label">confirm password</label>
            <input class="input--style-4" type="password" name="cpassword">
        </div>
    </div>
</div>

<div class="row row-space">
    <div class="col-2">
        <div class="input-group">
            <label class="label">Email</label>
            <input class="input--style-4" type="email" name="email">
        </div>
    </div>
    <div class="col-2">
        <div class="input-group">
            <label class="label">Phone Number</label>
            <input class="input--style-4" type="text" name="phone">
        </div>
    </div>
</div>

<div class="p-t-15">
    <button class="btn btn--radius-2 btn--blue" type="submit"
        name="submit">Submit</button>
</div>
</form>
</div>
</div>
</div>
</div>

<!-- JQuery JS-->
<script src="vendors/jquery/jquery.min.js"></script>
<!-- vendors JS-->
<script src="vendors/select2/select2.min.js"></script>
<script src="vendors/datepicker/moment.min.js"></script>
<script src="vendors/datepicker/daterangepicker.js"></script>

<!-- Main JS-->
<script src="js/global.js"></script>

</body><!-- This templates was made by Colorlib (https://colorlib.com) -->

</html>

```

Login.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page import="java.sql.*" %>
<%@include file="config.jsp" %>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<%

    if(request.getParameter("submit") != null){

        String userName = request.getParameter("username");
        String password = request.getParameter("password");

        ResultSet rs = stmt.executeQuery("select * from user where email='"+userName+"'
and password='"+password+"'");
        if(rs.next()){
            out.print("Login succesfully..");
        }
        else{
            out.print("Invalid username or password");
        }
    }
%>
<html lang="en">

<head>
    <!-- Required meta tags-->
    <meta charset="UTF-8">

    <!-- Title Page-->
    <title>Au Register Forms by Colorlib</title>

    <!-- Icons font CSS-->
    <link href="vendors/mdi-font/css/material-design-iconic-font.min.css" rel="stylesheet"
media="all">
    <link href="vendors/font-awesome-4.7/css/font-awesome.min.css" rel="stylesheet"
media="all">
    <!-- Font special for pages-->
    <link
href="https://fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400
i,500,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">

    <!-- vendors CSS-->
    <link href="vendors/select2/select2.min.css" rel="stylesheet" media="all">
    <link href="vendors/datepicker/daterangepicker.css" rel="stylesheet" media="all">

    <!-- Main CSS-->
    <link href="css/signup.css" rel="stylesheet" media="all">
</head>
```

```

<body>
  <div class="page-wrapper bg-gra-02 p-t-130 p-b-100 font-poppins">
    <div class="wrapper wrapper--w680">
      <div class="card card-4">
        <div class="card-body">
          <h2 class="title">Login Form</h2>
          <form method="POST">
            <div class="row row-space">
              <div class="col-4">
                <div class="input-group">
                  <label class="label">Email</label>
                  <input class="input--style-4" type="text" name="username">
                </div>
              </div>
            </div>
            <div class="row row-space">
              <div class="col-4">
                <div class="input-group">
                  <label class="label">password</label>
                  <input class="input--style-4" type="password" name="password">
                </div>
              </div>
            </div>
            <div class="p-t-15">
              <button class="btn btn--radius-2 btn--blue" type="submit"
                name="submit">Login</button>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>

  <!-- JQuery JS-->
  <script src="vendors/jquery/jquery.min.js"></script>
  <!-- vendors JS-->
  <script src="vendors/select2/select2.min.js"></script>

  <!-- Main JS-->
  <script src="js/global.js"></script>

</body><!-- This templates was made by Colorlib (https://colorlib.com) -->

</html>

```

Implement insert, delete, update, search for Product table.
Field: id, name, stock, price, description, image

Product.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page import="java.sql.*" %>

<%@ include file="config.jsp" %>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>

    <%

        out.print("<h1 align='center'> Products Serch </h1>");

        out.print("<table frame='box' width='50%' align='center'>");

            out.println("<tr>");

                out.println("<td>");
                out.println("search by <select
name='searchby'><option>name</option><option>price</option><option>descipriton</op
tion></select> ");
                out.println("</td>");
                out.println("<td>");
                out.println("operator <select
name='operator'><option>=</option><option><</option><option>></option><option>li
ke</option></select> ");
                out.println("</td>");
                out.println("<td>");
                out.println("value <input type='text' name='value'/>");
                out.println("</td>");
                out.println("<td>");
                out.println("<input type='submit' name='submit' value='submit'/>");
                out.println("</td>");

            out.println("</tr>");

        out.print("</table>");

        out.print("<h1 align='center'> Products </h1>");

        out.print("<table border='2' width='50%' align='center'>");
```

```

out.println("<tr>");
    out.println("<th>" + "Name" + "</td>");
    out.println("<th>" + "Price" + "</td>");
    out.println("<th>" + "stock" + "</td>");
    out.println("<th>" + "Description" + "</td>");
    out.println("</tr>");

ResultSet rs = stmt.executeQuery("select * from product");

while(rs.next()){
    int id = rs.getInt("id");

    out.println("<tr>");
    out.println("<td>" + rs.getString("name") + "</td>");
    out.println("<td>" + rs.getInt("price") + "</td>");
    out.println("<td>" + rs.getInt("stock") + "</td>");
    out.println("<td>" + rs.getString("description") + "</td>");
    out.println("<td>" + "<a href='#>update</a>" + "</td>");
    out.println("<td>" + "<a href='#>delete</a>" + "</td>");
    out.println("</tr>");

}
out.print("</table>");
out.print("<a href='insert.jsp' > Insert Products </a>");

```

```
%>
```

```
</html>
```

insert.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<%@ include file="db.jsp"%>
<html>
    <%
        if (request.getParameter("pname") != null) {
            String pname = request.getParameter("pname");
            int price = Integer.parseInt(request.getParameter("price"));
            int stock = Integer.parseInt(request.getParameter("stock"));
            String desc = request.getParameter("desc");
            String image = request.getParameter("image");
            Statement stmt = con.createStatement();

```

```

        int rows = stmt.executeUpdate("insert into
        product(name,price,stock,description) values('" + pname + "','" + price + "','" +
        stock + "','" + desc + "'");

        if (rows == 1) {
            response.sendRedirect("product.jsp");
        }
    }
%>
<body>
    <form action="" method="post">
        Product Name:<input type="text" name="pname"/><br/>
        Price:<input type="text" name="price"/><br/>
        Stock:<input type="text" name="stock"/><br/>
        Description:<input type="text" name="desc"/><br/>
        <input type="submit" name="submit" value="submit"/>
    </form>
</body>
</html>

```

Delete.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<%@ include file="db.jsp" %>
<html>
    <%
        int id = Integer.parseInt(request.getParameter("id"));
        Statement stmt = con.createStatement();
        stmt.executeUpdate("delete from Product where product_id=" + id);
        response.sendRedirect("product.jsp");
    %>
</html>

```

Search.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@include file="db.jsp"%>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>
    <body>
        <a href="product.jsp" style="float:right;">Go back</a>
        <table>
            <tr>
                <th> Name</th>
                <th> Stock</th>
                <th> Price</th>
                <th> Description </th>
            </tr>

```



```

        <th colspan="2"> Actions </th>
    </tr>
    <%
        Statement stmt = con.createStatement();
        if(request.getParameter("Submit")!=null){
            String search = request.getParameter("search");
            String operator = request.getParameter("operator");
            String value = request.getParameter("value");
            ResultSet rs = stmt.executeQuery("SELECT * FROM product WHERE " +
search + " LIKE '" + value + "%' ");

            while (rs.next()) {
    %>
    <tr>
        <td>
            <%= rs.getString("name") %>
        </td>
        <td>
            <%= rs.getInt("price") %>
        </td>
        <td>
            <%= rs.getInt("stock") %>
        </td>
        <td>
            <%= rs.getString("description") %>
        </td>
        <td>
            <a href="update.jsp?pd_id=<%= rs.getInt("id")%>">Update</a>
        </td>
        <td>
            <a href="delete.jsp?pd_id=<%= rs.getInt("id")%>">Delete</a>
        </td>
    </tr>
    <% }
    } %>
</table>

```

Update.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<%@ include file="db.jsp" %>
<html>
    <%
        String id = request.getParameter("id");
        Statement stmt = con.createStatement();
        ResultSet rs = stmt.executeQuery("select * from product where id=" + id);
        if (rs.next()) {
    %>

```

```

<body>
    <form action="updateq.jsp?id=<%= rs.getInt("id")%>" method="post">
        Product Name: <input type="text" value="<%= rs.getString("name")%>"
name="pname"/><br/>
        Price: <input type="text" value="<%= rs.getInt("price") %>"
name="price"/><br/>
        Stock: <input type="text" value="<%= rs.getInt("stock")%>"
name="stock"/><br/>
        Description: <input type="text" value="<%= rs.getString("description")%>"
name="desc"/><br/>
        <input type="submit" name="submit" value="submit"/>
    </form>
    <%
    }
    %>
</body>
</html>

```

Updateq.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@ include file="db.jsp" %>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>
<body>
    <%
        String id = request.getParameter("id");
        String pname = request.getParameter("pname");
        String desc = request.getParameter("desc");
        String image = request.getParameter("image");
        int price = Integer.parseInt(request.getParameter("price"));
        int stock = Integer.parseInt(request.getParameter("stock"));
        Statement stmt = con.createStatement();
        int row = stmt.executeUpdate("update product set name='" + pname +
",price='" + price + "',stock='" + stock + "',description='" + desc + + "where id='" +
id + "'");
        if (row == 1) {
            response.sendRedirect("product.jsp");
        }
    %>
</body>
</html>

```