

Practice Project: Validation of the User Login

[Source code:](#)

LoginPage.java

```
package com;

import java.io.IOException;
import java.io.ObjectOutput;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class Login
 */
public class LoginPage extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public LoginPage() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {

        String emailid = request.getParameter("emailid");
        String password=request.getParameter("password");
        PrintWriter pw=response.getWriter();
        response.setContentType("text/html");

        RequestDispatcher
    rd1=request.getRequestDispatcher("dashBoard.html");
        RequestDispatcher rd2=request.getRequestDispatcher("index.html");

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

```

        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/db","root","
root");
        PreparedStatement pstmt=con.prepareStatement("select * from
login where emailid=? and password=?");
        pstmt.setString(1, emailid);
        pstmt.setString(2, password);
        ResultSet rs=pstmt.executeQuery();
        if(rs.next()) {
            pw.println("Successfully login !");
            rd1.forward(request, response);
        }
        else{

            rd2.include(request, response);
            pw.println("Invalid login input !");
        }
    }
    catch(Exception e) {
        e.getMessage();
    }
}

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
response)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
    PrintWriter pw=response.getWriter();

    response.setContentType("text/html");
    RequestDispatcher
rd2=request.getRequestDispatcher("index.html");

    String emailid = request.getParameter("emailid");
    String password=request.getParameter("password");
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/moulaali_db","root","
Aashiyana@11");
        PreparedStatement
pstmt=con.prepareStatement("insert into login values (?,?) ");
        pstmt.setString(1, emailid);
        pstmt.setString(2, password);
        int rs=pstmt.executeUpdate();
        if(rs>0) {
            pw.println("Account created successfully
!");
        }
    }catch(Exception e) {
        pw.println("Account already existed !");
        rd2.include(request, response);
    }
}
}

```

dashBoard.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1 style="color:SlateBlue;"> Welcome to DashBoard</h1>
<a href ="LoginPage"> <button>logout</button></a><br>
</body>
</html>
```

index.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <h1 style="color:SlateBlue;"> Login</h1>
    <form action="LoginPage">
    <labael>Email Id</labael>
    <input type ="email" name="emailid"/><br/>
    <labael>Password</labael>

    <input type ="password" name="password"/>
    <input type ="submit" name="submit"/>
    <input type ="reset" name="reset"/>
    </form><br/><br/>
    <a href ="signUp.html">SingnUp</a><br/>

</body>
</html>
```

signUp.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>

    <h1>Create New Account </h1>

    <form action="LoginPage" method="post">

        <label>Email Id</label>
        <input type="email" name="emailid"/><br/>
        <label>Password</label>
        <input type="password" name="password"/>
        <input type="submit" name="submit"/>
        <label>Reset</label>
        <input type="reset" name="reset"/>
    </form>

</body>
</html>
```