

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Internet Programming Lab – CS8661
Programming Assignment 16 - Instant Login Feedback Application using Ajax with
Apache Tomcat Server

Create a login page which accepts the user's credentials such as name and password. Create table **users** with a set of names and corresponding passwords. Whenever an invalid name or password has been typed in login page, respective response will be generated at that moment itself.

CODE

index.html

```
<html>
<head>
<script>

function checkUser(name)
{

var v=document.getElementsByName(name)[0].value;
var url="user.jsp?uname="+v;
//document.getElementById("feedback").innerHTML=v+url;
var xhttp = new XMLHttpRequest();
xhttp.onreadystatechange = function() {
if (this.readyState == 4 && this.status == 200) {
    document.getElementById("feedback").innerHTML=this.responseText;
}
};
xhttp.open("GET",url,true);
xhttp.send();
}

</script>
</head>

<body>
Username
```

```

<input type="text" name="u_name" onkeyup="checkUser(name);">
<br/><br/>
Password
<input type="text" name="u_pass">
<br/><br/>
<button type="button" value="Login">Login</button>
<br/>
<div id="feedback"> </div>

</body>
</html>

```

user.jsp

```

<% @ taglib prefix = "c" uri = "http://java.sun.com/jsp/jstl/core" %>
<% @ taglib prefix = "sql" uri = "http://java.sun.com/jsp/jstl/sql" %>
<% @ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="fn"%>

<html>
<body>
<sql:setDataSource var="snapshot"
driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://localhost/test1"
user="root" password="vaishu"/>

<sql:query dataSource="${snapshot}" var="result">
SELECT uname FROM users;
</sql:query>

<c:set var="u_name" scope="application" value="${param.uname}"/>

<c:set var="flag" value="${0}"/>

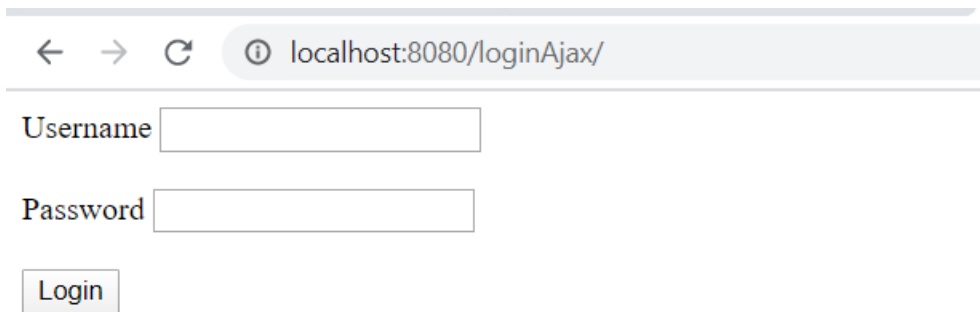
<c:forEach var="row" items="${result.rows}">
    <c:if test="${fn:startsWith(row.uname,u_name)}">
        <!--c:out value="${row.uname}"/-->
        <c:set var="flag" value="${1}"/>
    </c:if>

```

```
</c:forEach>
<c:if test="${flag==0}"> <c:out value = "Username Not found"/> </c:if>

</body>
</html>
```

OUTPUT:



A screenshot of a web browser window. The address bar shows the URL "localhost:8080/loginAjax/". Below the address bar, there is a login form with two input fields: "Username" and "Password". Below these fields is a "Login" button.

← → ↻ ⓘ localhost:8080/loginAjax/

Username

Password

Login

Username

Password

Login

Username Not found

← → ↻ ⓘ localhost:8080/loginAjax/

Username

Password

Login