



Spring Security -Customizing Login and Logout

In Previous exercise, you understood how to use default form-login form. In this lab, you will understand various customizations step by step

In this lab, u will be working on 02spring-security-custom-login-start project

1)Open /WEB-INF/security.xml . Complete TODO -1 by configuring form-login as below ;

```
<security:form-login login-page="/Login/form"
    authentication-failure-url="/Login/form?error"
    login-processing-url="/Login" username-parameter="username" password-
    parameter="password" default-target-url="/home.htm" />
```

2) Complete TODO-2 by configuring logout url as /logout and logout success url as /login/form?logout as below:

```
<security:logout logout-url="/Logout" logout-success-url="/Login/form?logout"
    invalidate-session="true"/>
```

3)Open /WEB-INF/mvc-config.xml and complete TODO-3 configure a view-controller for /login/form

4) Open /WEB-INF/view/login.jsp. Understand the code .

5) Open /WEB-INF/jsp/commons/topMenu.jsp. complete TODO -4 by writing code for login and logout links as below :

```
<security:authorize access="authenticated" var="isAuthenticated" />

<c:if test="${!isAuthenticated}">

    <c:url var="Loginurl" value="/Login/form" />

    <a id="signInLink" class="btn btn-green btn-login" href="${loginurl}">Sign In</a>

</c:if>
```



```
<c:if test="${isAuthenticated}">

    <c:url var="logouturl" value="/logout" />

    Welcome <security:authentication property="name"/>

<form action="${logouturl}" method="post">

    <input type="submit" value="Log out" class="btn btn-green btn-login" />

    <input type="hidden" name="${_csrf.parameterName}" value="${_csrf.token}"/>

</form>

</c:if>
```

- 6) Now deploy the application and give a request to

<http://localhost:8080/02spring-security-custom-login-start/>

You should observe an error in browser saying that Page isn't redirecting properly

This is because u have secured /** URL. So, for /login/form also it is cheking for security

- 7) Now configure such that for /login/form security is not required as below :

```
<security:intercept-url pattern="/login/form" access="permitAll"/>
```

- 8) Also Configure the following also. Hope you understand what the below configuration means. If not, ask me

```
<security:intercept-url pattern="/logout" access="permitAll"/>
```

```
<security:intercept-url pattern="/user/**" access="hasRole('ROLE_USER')"/>
```

```
    <security:intercept-url pattern="/**" access="permitAll"/>
```

- 9) Also, we dont want security for /resources/** . So, configure the below Http Tag as the first <security:http> tag. Remember that order of <security:http> tag is important.

```
<security:http pattern="/resources/**" security="none"/>
```

- 10) Deploy the application and observe that login and logout functionality is working as expected

Congratulations !! U have customized Login and Logout in Spring Security

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