

Spring Security - Show Login Error



No error message for failed login - What???

My Custom Login Form

User name:

Password:

No error message for failed login - What???

My Custom Login Form

User name:

Password:

Login

No error message???

The image shows a custom login form with a white background and a black border. At the top, it says "My Custom Login Form". Below that, there are two input fields: one for "User name" and one for "Password". Both fields have a light gray border. Below the password field is a "Login" button with a light gray background and black text. To the right of the password field, there is a red callout box with the text "No error message???" in white. A red arrow points from the text box to the password field.

We need an error message ... ASAP!!!

My Custom Login Form

Sorry! You entered invalid username/password.

User name:

Password:

Login

We need an error message ... ASAP!!!

My Custom Login Form

Sorry! You entered invalid username/password.

User name:

Password:

We'll add this support

Failed Login

Failed Login

- When login fails, by default Spring Security will ...

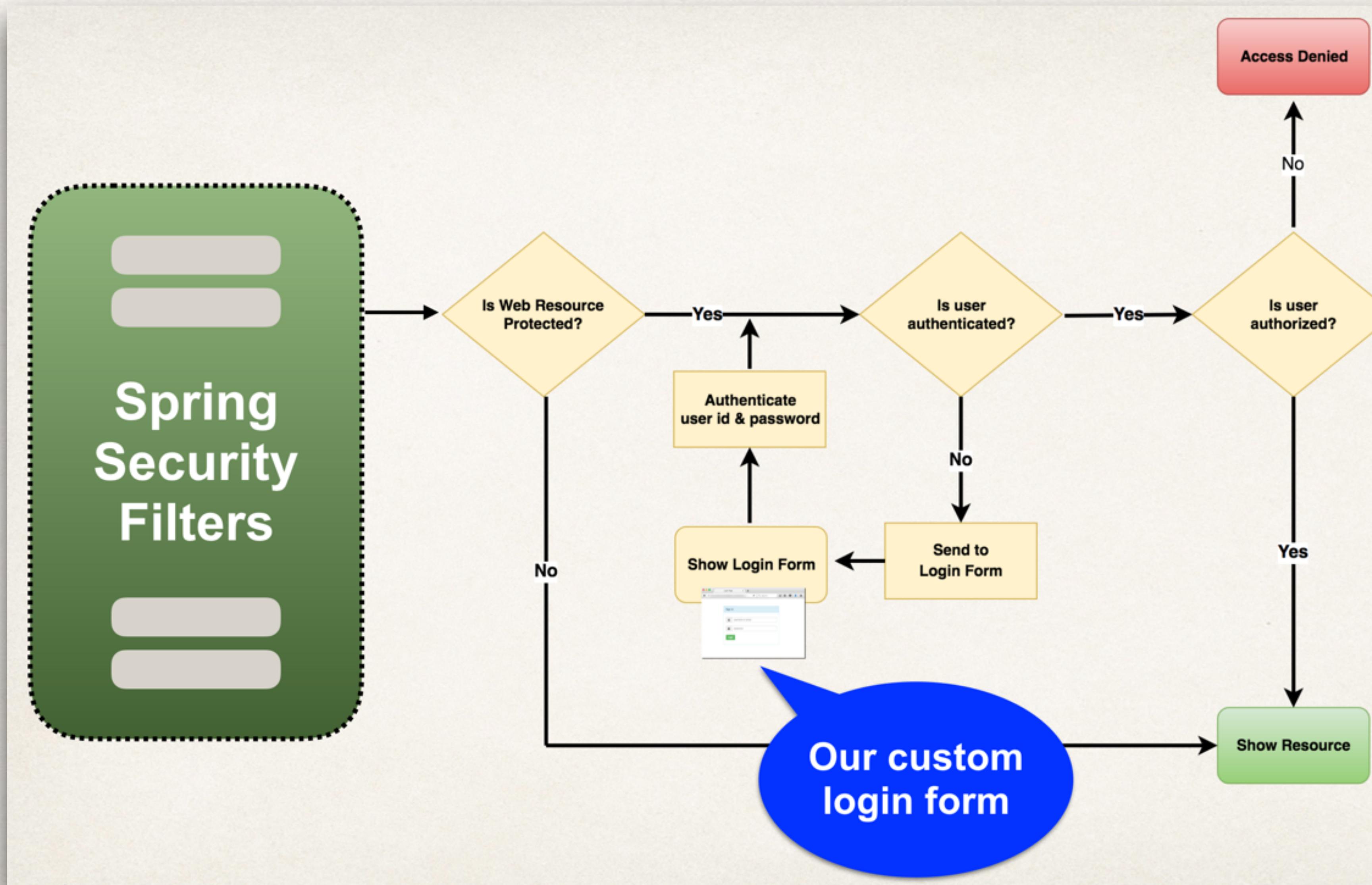
Failed Login

- When login fails, by default Spring Security will ...
- Send user back to your login page

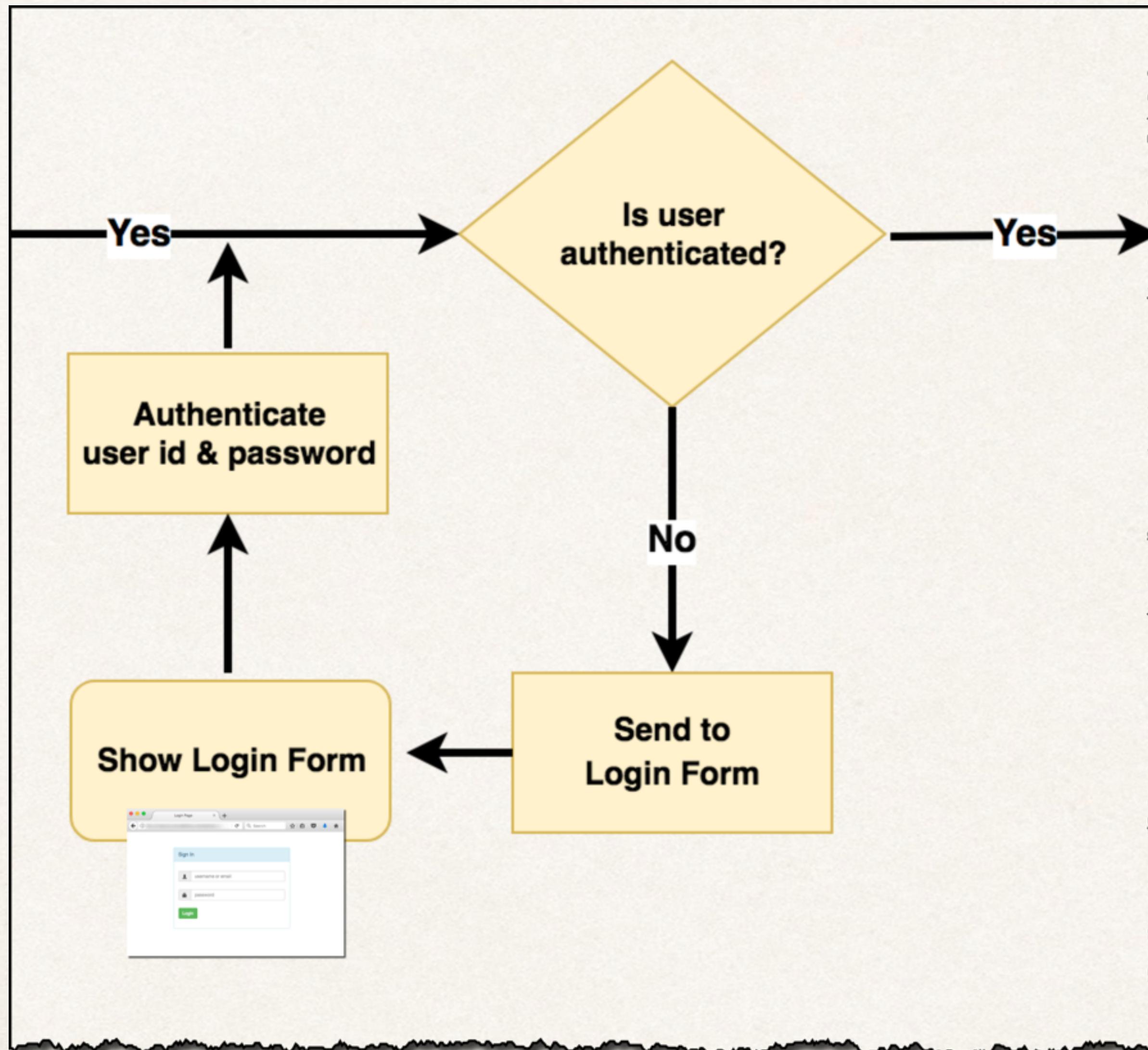
Failed Login

- When login fails, by default Spring Security will ...
- Send user back to your login page
- Append an error parameter: **?error**

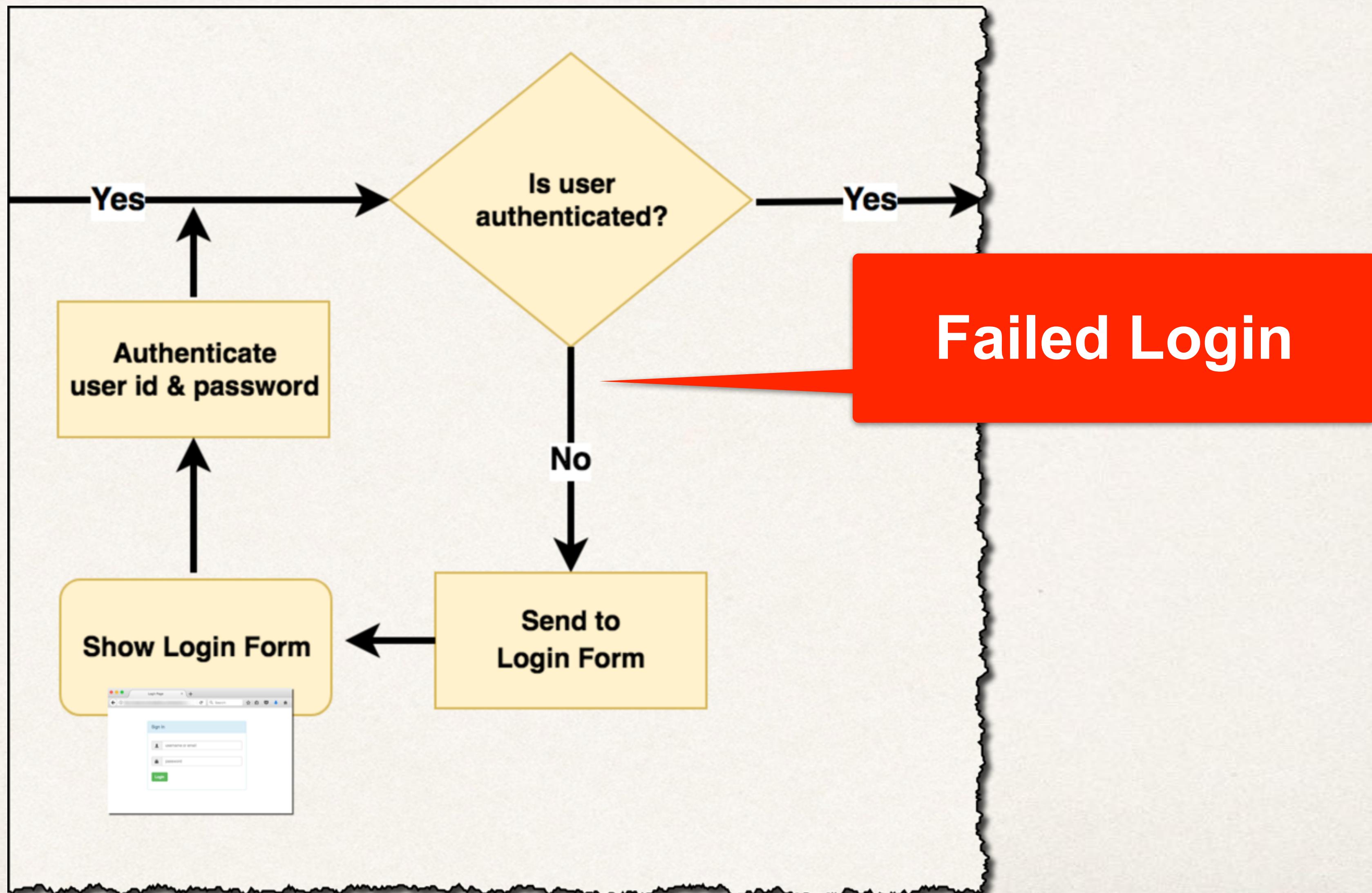
Failed Login



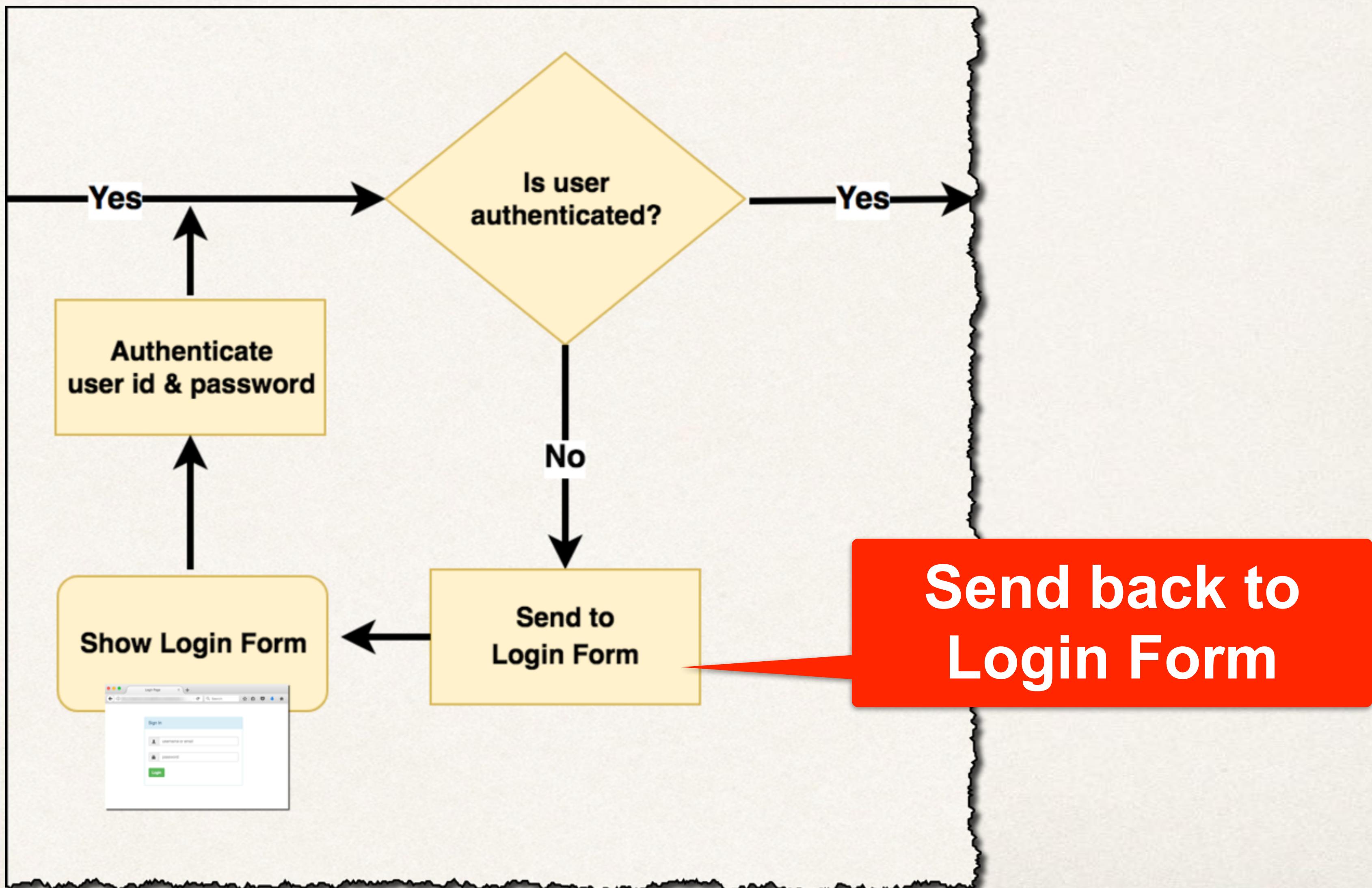
Failed Login



Failed Login

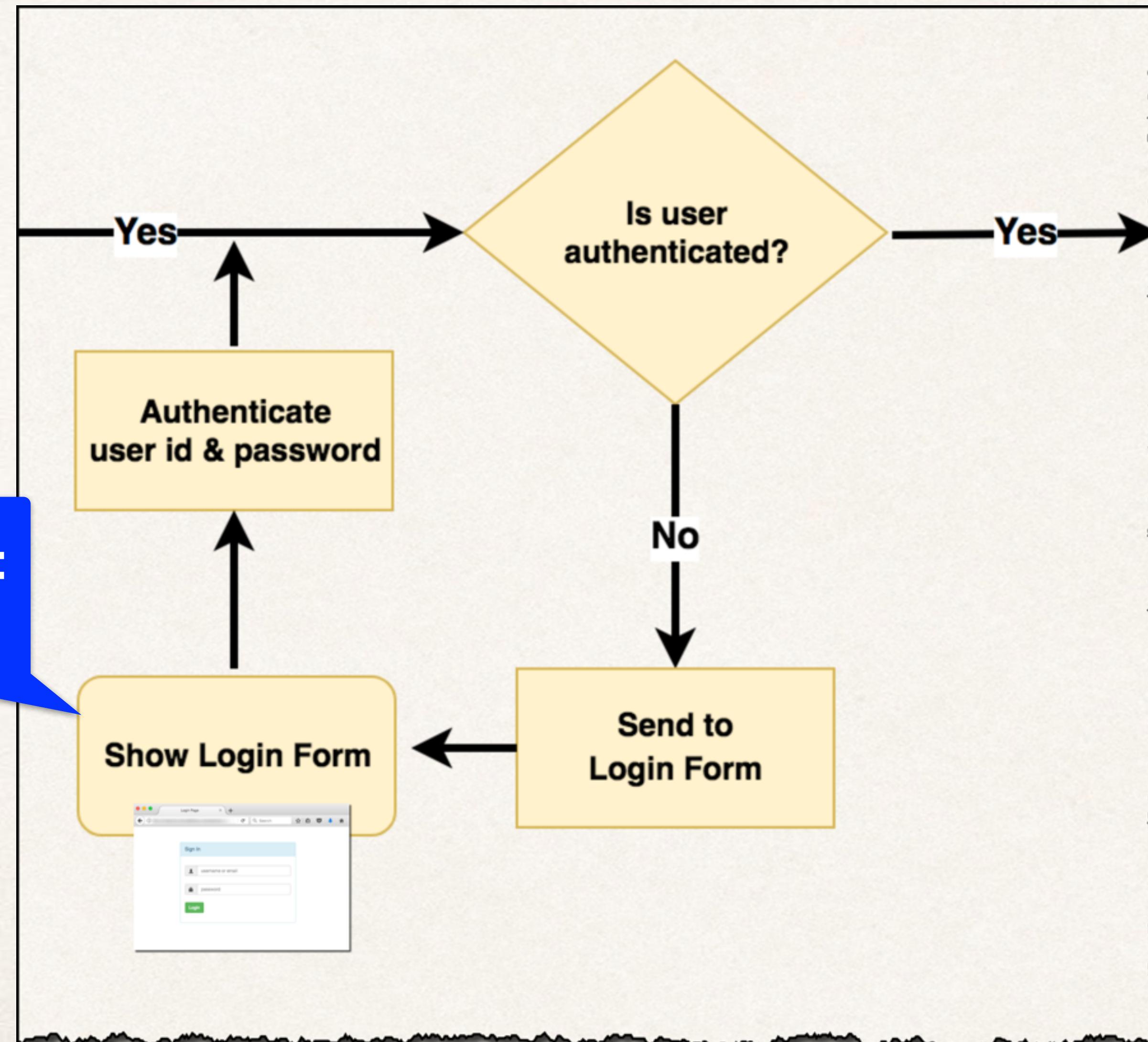


Failed Login



Failed Login

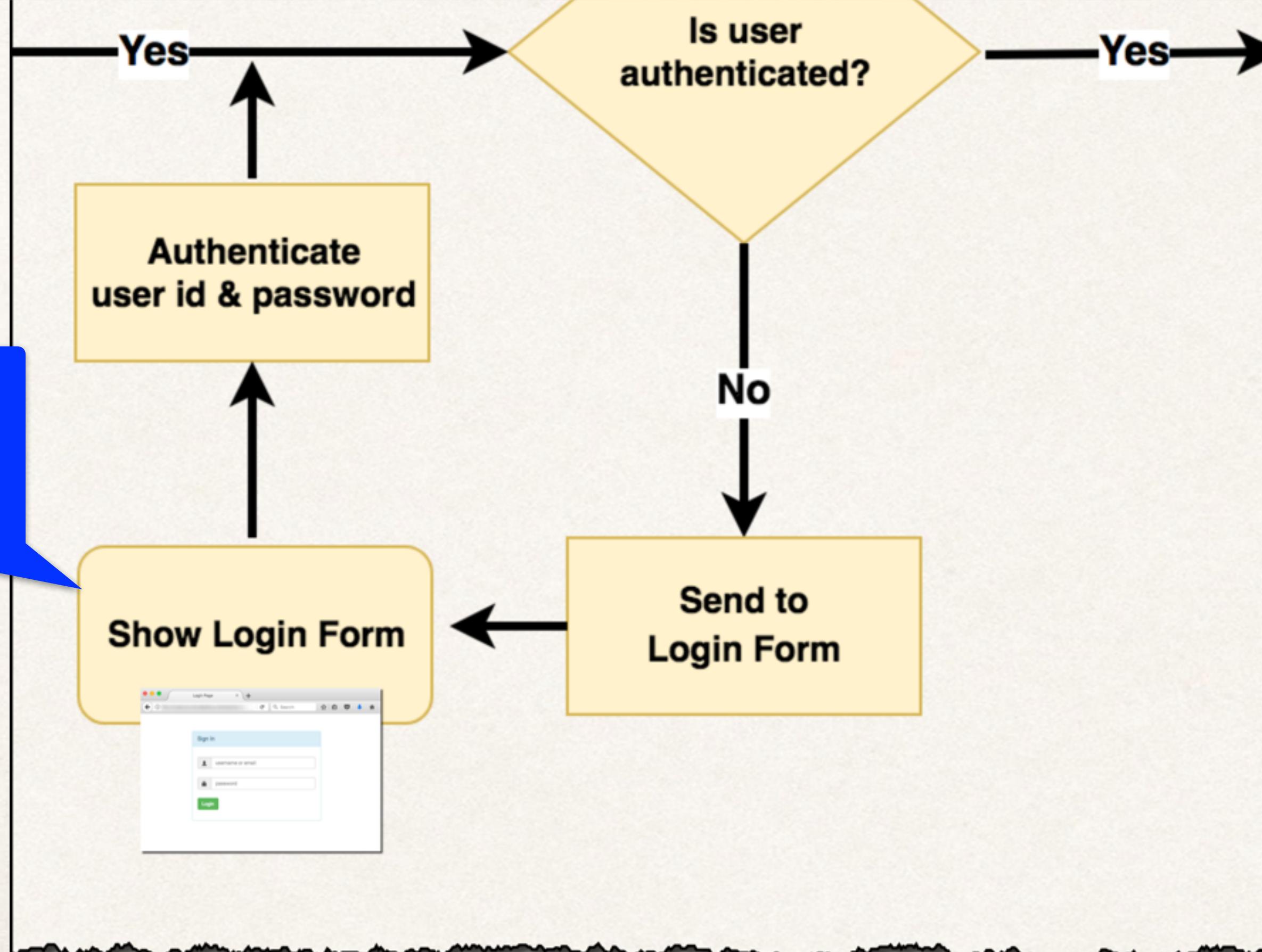
Append param to URL:
error



Failed Login

`http://localhost:8080/myapp/showMyLoginPage?error`

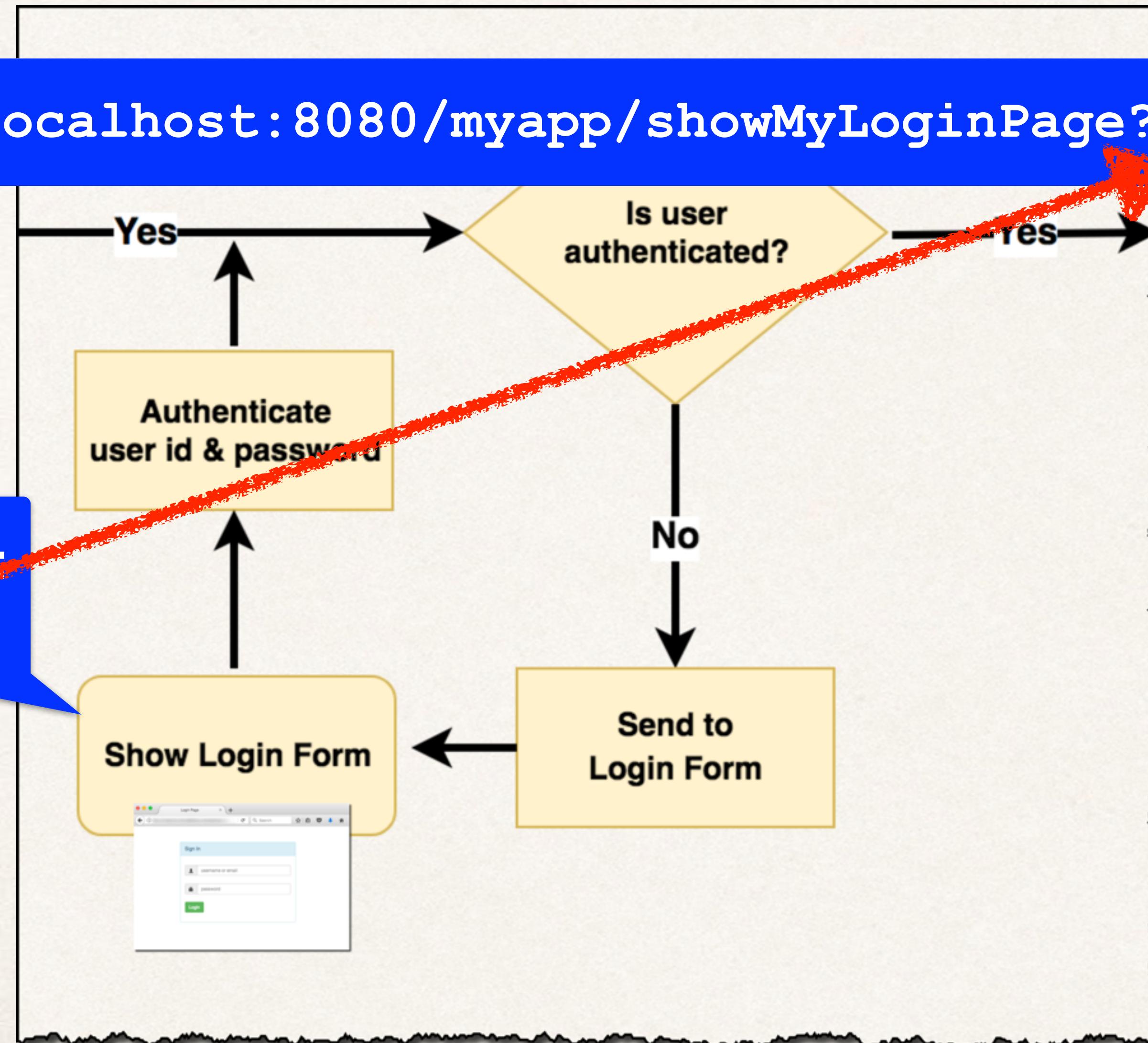
Append param to URL:
`error`



Failed Login

`http://localhost:8080/myapp/showMyLoginPage?error`

Append param to URI :
`error`



Development Process

Step-By-Step

Development Process

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1. Modify custom login form

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1. Check the **error** parameter

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Development Process

Step-By-Step

1. Modify custom login form

1. Check the **error** parameter

2. If **error** parameter exists, show an error message

JSTL can help
with this :-)

Step 1: Modify form - check for error

File: WEB-INF/view/plain-login.jsp

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

...

Step 1: Modify form - check for error

Use JSTL

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<form:form action="..." method="...">

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<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
...
<form:form action="..." method="...">

<c:if test="${param.error != null}">

    <i>Sorry! You entered invalid username/password.</i>

</c:if>

User name: <input type="text" name="username" />
Password: <input type="password" name="password" />

</form:form>
...
```

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If error param
then show
message

User name: <input type="text" name="username" />
Password: <input type="password" name="password" />

```
</form:form>
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message

User name: <input type="text" name="username" />
Password: <input type="password" name="password" />

http://localhost:8080/myapp/showMyLoginPage?error

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If error param
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User name: <input type="text" name="username" />
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<http://localhost:8080/myapp/showMyLoginPage?error>

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User name: <input type="text" name="username" />
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http://localhost:8080/myapp/showMyLoginPage?error

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