

J2EE

Day 6

Creating the UI Step1

Make the following changes to welcome.xhtml

```
<ui:define name="title">
```

```
  <h:outputText value="Please Sign In" />
```

```
</ui:define>
```

```
<ui:define name="body">
```

```
  <ui:define name="header">
```

```
    <h:outputText value="Please Sign In" />
```

```
  </ui:define>
```

Creating the UI Step2

Don't Remove `<ui:define name="body">` from
welcome.xhtml

Creating the UI Step3

Change general.xhtml to

```
<h:body>

<ui:insert name="body" />
<div id="container">
    <div id="header">
        <h1>Welcome to JEE Demo</h1>
        <ui:insert name="header" />
    </div>
    <div id="content">

        <ui:insert name="content" />
    </div>
    <div id="footer">

        <ui:insert name="footer" />
    </div>
</div>
</h:body>
```

Creating the UI Step4

Under <ui:define name="content">, Add the following form to welcome.xhtml

```
<h:form id="loginForm">

    <p:fieldset legend="Authentication Form">
        <p:messages id="messages" />

        <h:panelGrid id="logPanelGrid" style="margin-top: 25px; text-align: right" cellspacing="8" columns="3">

            <h:panelGroup>
                <h:outputText value="User Name:" />
                <h:outputText style="color:red" value="* " />
            </h:panelGroup>
            <p:inputText id="userName" value="" required="true" label="User Name" title="Enter your User Name!" />
            <p:tooltip for="userName" styleClass="tooltip" showEvent="focus" hideEvent="blur" />

            <h:panelGroup>
                <h:outputText value="Enter Password:" />
                <h:outputText style="color:red" value="* " />
            </h:panelGroup>
            <p:password id="pass" value="" required="true" label="Password" title="Please enter a password!" />
            <p:tooltip for="pass" styleClass="tooltip" showEvent="focus" hideEvent="blur" />

            <p:commandButton id="newUserButton" action="newUser" update="logPanelGrid,messages" value="Sign Up" />
            <p:commandButton id="submitButton" action="signIn" update="logPanelGrid,messages" icon="ui-icon-check" value="Sign In" />

        </h:panelGrid>
    </p:fieldset>

</h:form>
```

Creating the UI Step5

Maven clean, install and deploy to see the form

Creating the UI Step6

Clone projectfiles to your git-bash and copy images_day6 from projectfile to your project

Copy the images folder to your css folder under the J2eedemo project structure

Creating the UI Step7

Go to PrimeFaces to download the AJAX Status component from PrimeFaces.org

We can copy the code for it from there

```
<p:ajaxStatus onStart="PF('statusDialog').show();" onSuccess="PF('statusDialog').hide();" />
```

```
<p:dialog modal="true" widgetVar="statusDialog" header="Status"  
    draggable="false" closable="false">  
    <p:graphicImage value="/design/ajaxloadingbar.gif" />  
</p:dialog>
```


Creating the UI Step8

Remove the following line from general.xhtml

```
<ui:insert name="body" />
```

and replace with our ajax

```
<p:ajaxStatus onStart="statusDialog.show();" onSuccess="statusDialog.hide();" />
```

```
<p:dialog modal="true" widgetVar="statusDialog" header="Processing..." draggable="true" closable="false">
```

```
    <p:graphicImage value="/css/images/ajaxloadingbar.gif" />
```

```
</p:dialog>
```

Creating the UI Step9

Remove the following line from general.xhtml

```
<h1>Welcome to JEE Demo</h1>
```

Creating the UI Step10

Add styleClass="fieldset" attribute to p:fieldset in welcome.xhtml so it looks like this

```
<p:fieldset styleClass="fieldset" legend="Authentication Form">
```

Creating the UI Step11

Add margin:0 auto;
to <h:panelGrid id="logPanelGrid"

in welcome.xhtml so it looks like this :

```
<h:panelGrid id="logPanelGrid"
    style="margin:0 auto; margin-top: 25px; text-align: right; cellpadding="8"
    columns="3">
```

Creating the UI Step12

Change the #container style to look like this :

```
#container {  
    width: 91%;  
    height: 450px;  
    margin: 50px auto;  
    box-shadow: 2px 2px 10px #888;  
    background: url(images/noise3.png);  
    padding-bottom: 70px;  
    font-family: Verdana;  
    font-size: 12px;  
    font-weight: normal;  
    font-style : normal;  
    border-radius: 7px 7px 7px 7px;  
}
```

Creating the UI Step13

Add the following styles to style.css

```
#header {  
    height: 60px;  
    text-align: center;  
    background: url(images/bank.png) 10px 10px no-repeat #272727;  
    background-size: 58px;  
    color: white;  
    padding: 5px;  
    font-smooth: always;  
    text-shadow: 0px 0px 2px white;  
    border-radius: 7px 7px 0 0;  
}
```

Creating the UI Step14

Add the following styles to style.css

```
#line {  
    width: 100%;  
    height: 10px;  
    background: #ea5e0d;  
}
```


Creating the UI Step15

Add the following styles to style.css

```
.fieldset {  
    margin: 0 auto;  
    width: 50%;  
    margin-top: 110px;  
    margin-bottom: 60px;  
    color: #5D5D5D;  
    background: url(images/gray_texture1.jpg);  
    border: 1px solid #A8A8A8;  
    box-shadow: 2px 2px 10px #888;  
    text-align: center;  
}
```

Creating the UI Step16

```
.fieldset legend {  
    border: 1px solid #e0e0e0 !important;  
    background: #ea5e0d !important;  
    margin-top: -25px;  
    margin-bottom: -21px;  
    color: white !important;  
    box-shadow: 1px 1px 2px #000000;  
    text-shadow: 1px 1px 1px #333333 !important;  
    font-weight: normal !important;  
    font-style : normal !important;  
}
```

Creating the UI Step17

```
.tooltip {  
    font-size: 11px;  
    font-weight: normal;  
    font-style : normal;  
    color: white;  
    background: -moz-linear-gradient(center top , rgba(0, 0, 0, 0.25), transparent) repeat scroll 0% 0% rgb(170, 170, 170);  
    border: 1px solid gray;  
    padding: 6px;  
    box-shadow: 0px 5px 10px rgba(0, 0, 0, 0.8);  
    text-shadow: 1px 1px 1px #333333;  
}
```

```
.ui-dialog-titlebar {  
    background-color: #ea5e0d !important;  
    color: white !important;  
    font-size: 12px !important;  
    text-shadow: 1px 1px 1px #333333 !important;  
}
```

```
.ui-widget-overlay {  
    background: none !important;  
}
```

Creating the UI Step18

The keyword `important` indicates that the first value should be given priority and not the value in the prime faces library

Creating the Sign Up page Step1

Right-click on `src/main/webapp/flows/main`

and create new HTML file and call it

`signUp.xhtml`

Creating the Sign Up page Step2

Copy all the content from welcome.xhtml to signUp.xhtml and make the following corrections

Delete the DOCTYPE

```
<!DOCTYPE composition PUBLIC "-//W3C//DTD  
XHTML 1.0 Transitional//EN" "http://www.w3.  
org/TR/xhtml1/DTD/xhtml1-transitional.dtd
```

On welcome.xhtml and signUp.xhtml also

Creating the Sign Up page Step3

Change the form to look like this

```
<h:form id="signUpForm">
    <p:fieldset styleClass="fieldset" legend="Registration Form">
        <p:messages id="messages" />

        <h:panelGrid id="regPanelGrid" style="margin: 0 auto; margin-top: 25px; text-align: right" cellspacing="8" columns="3">

            <h:panelGroup>
                <h:outputText value="First Name:" />
                <h:outputText style="color:red" value="* " />
            </h:panelGroup>
            <p:inputText id="firstName" label="First Name" value="" required="true" title="Enter your First Name!">
                <f:validateLength minimum="2" />
            </p:inputText>
            <p:tooltip for="firstName" styleClass="tooltip" showEvent="focus" hideEvent="blur" />

            <h:panelGroup>
                <h:outputText value="Last Name:" />
                <h:outputText style="color:red" value="* " />
            </h:panelGroup>
            <p:inputText id="lastName" label="Last Name" value="" required="true" title="Enter your Last Name!">
                <f:validateLength minimum="2" />
            </p:inputText>
            <p:tooltip for="lastName" styleClass="tooltip" showEvent="focus" hideEvent="blur" />

            <h:panelGroup>
                <h:outputText value="User Name:" />
                <h:outputText style="color:red" value="* " />
```


Connect everything in main-flow

```
<view-state id="welcome" view="welcome.xhtml">
```

```
  <transition on="newUser" to="signUp" />
</view-state>
```

```
<view-state id="signUp" view="signUp.xhtml">
```

```
  <transition on="backToSignIn" to="welcome">
  />
</view-state>
```