

JSF and Managed Beans

Copy the jsf-blank project or your project from the previous exercises. Don't forget to update the new project as described earlier (go to the file system and edit *eclipseWorkspace/yourNewProject/.settings/org.eclipse.wst.common.component* and change the two instances of the old project name to the new one).

- 1.** Make a form to gather the employee name, employee ID, and the name of the health plan selected. But instead of ignoring the values as in the last set of problems, say "OK" if all three values are present; otherwise say "Missing Name", "Missing ID", or "Missing Plan Name". Use a separate error page for each of the conditions.
- 2.** Make "Joe User" the default employee name, "t1234" the default employee ID, and "Blue Cross" the default health care provider.
- 3.** Make another page that also lets the user select a preferred health plan, gathering the same information. But, this time just say "OK" if all three values are present; "Missing Data" otherwise. [Hint: you can use the same action controller. *No* new Java code is required!]
- 4.** Extend your health plan application to have the following capabilities:
 - Display the name, ID, and health plan in the confirmation page.
Note that when you use `h:outputText`, you still need `<@ page taglib ...>`, just as with all JSF pages. In fact, a good rule of thumb is that every page you ever write that uses any JSF tags should start with the same three lines (two `<@ page taglib ...>` entries and `<f:view>`) and end with the same line (`</f:view>`).
 - Say "missing data" if name, ID, or health plan is missing
- 5.** Extend your health plan application yet again. This time:
 - Have a default health plan for submissions; if they do not select one (i.e., the submitted health plan is an empty string), use the default automatically.
 - If the first character of the employee ID is a "t", display an error message saying that temporary employees are not eligible to sign up for health benefits. Note: use `someString.startsWith("t")` to examine the first character of a string.