

**Table 12.7 PSP Project Plan Summary Instructions**

Purpose	This form holds the estimated and actual project data in a convenient and readily retrievable form.
Header	Enter the following: <ul style="list-style-type: none"> <li>- your name and today's date</li> <li>- the program name and number</li> <li>- the instructor's name</li> <li>- the language you will use to write the program</li> </ul>
Minutes/LOC	<p>Prior to development</p> <ul style="list-style-type: none"> <li>- enter the Minutes/LOC planned for this project. Use the To Date rate from the most recent program in the Job Number Log or the most recent Project Plan Summary.</li> </ul> <p>After development</p> <ul style="list-style-type: none"> <li>- Divide the total development time by the actual program size to get the actual <i>and To Date</i> Minutes/LOC.</li> <li>- For example, if the project took 196 minutes and you produced 29 LOC, the Minutes/LOC would be <math>196/29 = 6.76</math>.</li> </ul>
LOC/Hour	<p>Prior to development</p> <ul style="list-style-type: none"> <li>- calculate the LOC per hour planned for this program by dividing 60 by the Plan Minutes/LOC.</li> </ul> <p>After development</p> <ul style="list-style-type: none"> <li>- For Actual <i>and To Date</i> LOC/Hour, divide 60 by the Actual and <i>To Date</i> Minutes/LOC.</li> <li>- For Actual Minutes/LOC of 6.76, Actual LOC/Hour are <math>60/6.76 = 8.88</math>.</li> </ul>
Program Size (LOC)	<p>Prior to development, enter under plan:</p> <ul style="list-style-type: none"> <li>- the estimated Total, Maximum, and Minimum New &amp; Changed LOC.</li> </ul> <p>After Development:</p> <ul style="list-style-type: none"> <li>- Count and enter the Actual New &amp; Changed LOC.</li> <li>- For To Date, add Actual New &amp; Changed LOC to the To Date New &amp; Changed LOC for the previous program.</li> </ul>

(Continued)

**Table 12.7 (Continued)**

Time in Phase - Plan	<ul style="list-style-type: none"> <li>- For total development time, multiply Total New &amp; Changed LOC by Minutes/LOC.</li> <li>- For Maximum time, multiply the Maximum size by Minutes/LOC.</li> <li>- For Minimum time, multiply the Minimum size by Minutes/LOC.</li> <li>- From the Project Plan Summary for the most recent program, find the To Date % values for each phase.</li> <li>- Using the To Date % from the previous program, calculate the plan time for each phase.</li> </ul>
Time in Phase - Actual	<ul style="list-style-type: none"> <li>- At job completion, enter the actual time in minutes spent in each development phase.</li> <li>- Get these data from the time log.</li> </ul>
Time in Phase - To Date	<ul style="list-style-type: none"> <li>- For each phase, enter the sum of actual time and To Date time from the most recent previous program.</li> </ul>
Time in Phase - To Date %	<ul style="list-style-type: none"> <li>- For each phase, enter 100 times the To Date time for that phase divided by the Total To Date time.</li> </ul>
<b><i>Defects Injected - Actual</i></b>	<ul style="list-style-type: none"> <li>- <b><i>After development, find and enter the actual number of defects injected in each phase.</i></b></li> </ul>
<b><i>Defects Injected - To Date</i></b>	<ul style="list-style-type: none"> <li>- <b><i>For each phase, enter the sum of the actual defects and the To Date defects from the most recent program.</i></b></li> </ul>
<b><i>Defects Injected - To Date %</i></b>	<ul style="list-style-type: none"> <li>- <b><i>For each phase, enter 100 times the To Date defects for that phase divided by the total To Date defects.</i></b></li> </ul>
<b><i>Defects Removed - Actual</i></b>	<ul style="list-style-type: none"> <li>- <b><i>After development, find and enter the actual number of defects removed in each phase.</i></b></li> </ul>
<b><i>Defects Removed - To Date</i></b>	<ul style="list-style-type: none"> <li>- <b><i>For each phase, enter the sum of the actual defects and the To Date defects from the most recent program.</i></b></li> </ul>
<b><i>Defects Removed - To Date %</i></b>	<ul style="list-style-type: none"> <li>- <b><i>For each phase, enter 100 times the To Date defects for that phase divided by the total To Date defects.</i></b></li> </ul>