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| Planning Script | |
| Purpose | To guide the PSP planning process |
| Entry Criteria | * Problem description * PSP2.1 Project Plan Summary form * Size Estimating, Task Planning, and Schedule Planning templates * Historical size and time data (estimated and actual) * Time Recording log |

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| Step | Activities | Description |
| 1 | Program  Requirements | * Produce or obtain a requirements statement for the program. * Ensure that the requirements statement is clear and unambiguous. * Resolve any questions. |
| 2 | Size  Estimate | * Produce a program conceptual design. * Use the PROBE method to estimate the added and modified size of this program. * Complete the Size Estimating template and Project Plan Summary form. * ***Calculate the 70% size prediction interval. (Note: This step is completed by the SEI student workbook)*** |
| 3 | Resource  Estimate | * Use the PROBE method to estimate the time required to develop this program. * ***Calculate the 70% size prediction interval. ((Note: This step is completed by the SEI student workbook.)*** * Using the To Date % from the most recently developed program as a guide, distribute the development time over the planned project phases. (Note: This step is completed by the SEI student workbook.) |
| 4 | Task and  Schedule Planning | For projects lasting several days or more, complete the Task Planning and Schedule Planning templates. |
| 5 | Defect  Estimate | * Based on your to-date data on defects per added and modified size unit, estimate the total defects to be found in this program. * Based on your *To Date %* data, estimate the number of defects to be injected and removed by phase. |

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| Exit Criteria | * Documented requirements statement * Program conceptual design * Completed Size Estimating template * For projects lasting several days or more, completed Task and Schedule Planning templates * Completed Project Plan Summary form with estimated program size, development time, and defect data, ***and the time and size prediction intervals*** * Completed Time Recording log |