

**Table C34 PSP1 Project Plan Summary**

Student			Date	
Program			Program #	
Instructor			Language	

  

<b>Summary LOC/Hour</b>	<b>Plan</b>	<b>Actual</b>	<b>To Date</b>	
<b>Program Size (LOC):</b>	<b>Plan</b>	<b>Actual</b>	<b>To Date</b>	
Base(B)	(Measured)	(Measured)		
Deleted (D)	(Estimated)	(Counted)		
Modified (M)	(Estimated)	(Counted)		
Added (A)	(N-M)	(T-B+D-R)		
Reused (R)	(Estimated)	(Counted)		
Total New & Changed (N)	(Estimated)	(A+M)		
Total LOC (T)	(N+B-M-D+R)	(Measured)		
Total New Reused				
<b>Time in Phase (min.)</b>	<b>Plan</b>	<b>Actual</b>	<b>To Date</b>	<b>To Date %</b>
Planning				
Design				
Code				
Compile				
Test				
Postmortem				
Total				
<b>Defects Injected</b>		<b>Actual</b>	<b>To Date</b>	<b>To Date %</b>
Planning				
Design				
Code				
Compile				
Test				
Total Development				
<b>Defects Removed</b>		<b>Actual</b>	<b>To Date</b>	<b>To Date %</b>
Planning				
Design				
Code				
Compile				
Test				
Total Development				
After Development				

TABLE C39 SIZE ESTIMATING TEMPLATE

Student _____				Date _____	
Instructor _____				Program # _____	
<b>BASE PROGRAM LOC</b>				<b>ESTIMATE</b>	<b>ACTUAL</b>
BASE SIZE (B) => => => => => => => =>				_____	_____
LOC DELETED (D) => => => => => => => =>				_____	_____
LOC MODIFIED (M) => => => => => => => =>				_____	_____
<b>OBJECT LOC</b>					
BASE ADDITIONS	TYPE <sup>1</sup>	METHODS	REL. SIZE	LOC	LOC
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
TOTAL BASE ADDITIONS (BA)=> => => => => =>				_____	_____
NEW OBJECTS	TYPE	METHODS	REL. SIZE	LOC (New Reused*)	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
TOTAL NEW OBJECTS (NO)=> => => => => =>				_____	_____
<b>REUSED OBJECTS</b>					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
REUSED TOTAL (R) => => => => => =>				_____	_____
				<b>SIZE</b>	<b>TIME</b>
Estimated Object LOC (E):		E=BA+NO+M		_____	_____
Regression Parameters:		$\beta_0$ (size and time)		_____	_____
Regression Parameters:		$\beta_1$ (size and time)		_____	_____
Estimated New and Changed LOC (N):		N= $\beta_0 + \beta_1 * E$		_____	_____
Estimated Total LOC:		T=N+B-D-M+R		_____	_____
Estimated Total New Reuse (sum of * LOC):				_____	_____
Estimated Total Development Time:		Time= $\beta_0 + \beta_1 * E$		_____	_____
Prediction Range:		Range		_____	_____
Upper Prediction Interval:		UPI=N+Range		_____	_____
Lower Prediction Interval:		LPI=N-Range		_____	_____
Prediction Interval Percent:				_____	_____

<sup>1</sup>L=Logic, I=I/O, C=Calculation, T=Text, D=Data, S=Set-up