

**Table C55 PSP2 Project Plan Summary**

Student	Aaron Chamberlain		Date	3-7-16
Program	LOC Estimation		Program #	6
Instructor	Dr. Concepcion		Language	Python
<b>Summary</b>	<b>Plan</b>	<b>Actual</b>	<b>To Date</b>	
LOC/Hour	48.4	105.3	55.0	
Planned Time	88.7		617.5	
Actual Time		45	385	
CPI(Cost-Performance Index)			1.60	
			(Planned/Actual)	
% Reused	0%	0%	0%	
% New Reused	0%	0%	0%	
<b>Test Defects/KLOC</b>	0	0	0	
<b>Total Defects/KLOC</b>	0	0	0	
<b>Yield %</b>	0	0	0	
<b>Program Size (LOC):</b>	<b>Plan</b>	<b>Actual</b>	<b>To Date</b>	
Base(B)	45	45		
	(Measured)	(Measured)		
Deleted (D)	0	0		
	(Estimated)	(Counted)		
Modified (M)	0	3		
	(Estimated)	(Counted)		
Added (A)	21.5	34		
	(N-M)	(T-B+D-R)		
Reused (R)	0	0	0	
	(Estimated)	(Counted)		
Total New & Changed (N)	21.5	37	214	
	(Estimated)	(A+M)		
Total LOC (T)	71.5	79	353	
	(N+B-M-D+R)	(Measured)		
Total New Reused	0	0	0	
<b>Upper Prediction Interval (70%)</b>	75			
<b>Lower Prediction Interval (70%)</b>	68			
<b>Time in Phase (min.)</b>	<b>Plan</b>	<b>Actual</b>	<b>To Date</b>	<b>To Date %</b>
Planning	6.8	4	30	7.7%
Design	6.4	2	28	7.2%
<b>Design review</b>	1.1	5	5	1.3%
Code	46.4	17	202	52.3%
<b>Code review</b>	2.3	10	10	2.6%
Compile	3.7	1	16	4.1%
Test	15.6	5	68	17.6%
Postmortem	6.4	1	28	7.2%
Total	88.7	45	385	100%
<b>Total Time UPI (70%)</b>	93.1			
<b>Total Time LPI (70%)</b>	84.3			

(continued)