

Table C55 PSP2 Project Plan Summary

Student	Aaron Chamberlain		Date	3-7-16
Program	LOC Estimation		Program #	6
Instructor	Dr. Concepcion		Language	Python
Summary	Plan	Actual	To Date	
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%	
Test Defects/KLOC	0	0	0	
Total Defects/KLOC	0	0	0	
Yield %	0	0	0	
Program Size (LOC):	Plan	Actual	To Date	
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	
Upper Prediction Interval (70%)	75			
Lower Prediction Interval (70%)	68			
Time in Phase (min.)	Plan	Actual	To Date	To Date %
Planning	6.8	4	30	7.7%
Design	6.4	2	28	7.2%
Design review	1.1	5	5	1.3%
Code	46.4	17	202	52.3%
Code review	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%
Total Time UPI (70%)	93.1			
Total Time LPI (70%)	84.3			

(continued)