

PSP0 Project Plan Summary

Student	Melroy Dmello	Date	4 th Nov 2016
Program	Java Stats	Program #	
Instructor	Timothy Lindquist	Language	Java

Time in Phase (min.)	Plan	Actual	To Date	To Date %
Planning	120	200	200	
Design	200	270	270	
Code	2400	2600	2600	
Compile	10	2	2	
Test	900	500	500	
Postmortem	100	120	120	
Total	3730	3692	3692	

Defects Injected	Actual	To Date	To Date %
Planning	1		
Design	1		
Code	8		
Compile			
Test	0		
Total Development	14		

Defects Removed	Actual	To Date	To Date %
Planning			
Design	1		
Code	0		
Compile	0		
Test	9		
Total Development	10		
After Development	10		

Computation of metrics

Defect Density = No of Defects / kilo lines of code
= 9 / 1.18
= 7.67 Defects/ KLOC

Development Time ratios

Design Review / Design = 80 / 270 = 0.29
Code Review / Code = 600 / 2600 = 0.23

Yield

Phase	Defects Injected	Defects Removed	Defects at phase entry	Phase yield
Planning/Design	2	0	0	0
Design Review	0	1	2	50%
Code	8	1	1	11.11%
Code Review	0	8	8	100%
Compile	0	0	0	0
Test	0	0	0	0