

Table C25 PSP0.1 Project Plan Summary

Student	Seth Lemanek	Date	2/11/16
Program	Assignment #3	Program #	3
Instructor	Arturo Concepcion	Language	C++

Program Size (LOC)	Plan	Actual	To Date
Base(B)		0 <i>(Measured)</i>	
Deleted (D)		0 <i>(Counted)</i>	
Modified (M)		6 <i>(Counted)</i>	
Added (A)		60 <i>(T-B+D-R)</i>	
Reused (R)		0 <i>(Counted)</i>	0
Total New & Changed (N)	90	60 <i>(A+M)</i>	130
Total LOC (T)		60 <i>(Measured)</i>	168
Total New Reused		0	0

Time in Phase (min.)	Plan	Actual	To Date	To Date %
Planning	8	13	21	3.5
Design	20	22	38	6.4
Code	100	112	322	54.3
Compile	25	33	60	10.1
Test	20	1	73	12.3
Postmortem	15	26	79	13.4
Total	128	207	593	100

Defects Injected	Actual	To Date	To Date %
Planning	0	0	0
Design	2	4	20
Code	5	16	80
Compile	0	0	0
Test	0	0	0
Total Development	7	20	100

Defects Removed	Actual	To Date	To Date %
Planning	0	0	0
Design	0	0	0
Code	3	5	25
Compile	2	9	45
Test	1	6	30
Total Development	7	20	100
After Development			

Table C18 Defect Recording Log

Defect Types	
10 Documentation	60 Checking
20 Syntax	70 Data
30 Build, Package	80 Function
40 Assignment	90 System
50 Interface	100
Environment	

Student	Seth Lemanek				Date	2/11/16	
Instructor	Arturo Concepcion				Program #	3	
Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
2/11	1	40	design	code	2		
Description:	change variables in UML from int to float						

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
2/13	2	40	code	code	1		
Description:	must include KahanSum in class						

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
2/13	3	20	code	compile	1		
Description:	vector <<double> -> vector<double>						

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
2/13	4	75	code	compile	2		
Description:	"^" is not a valid operand for exponent						

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
2/13	5	95	code	compile	15		
Description:	seg. fault due to reference to non-initialized "Object.objectLines"						

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
2/13	6	45	design	test	1		
Description:	KahanAccumulation does not name a type						

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
2/13	7	45	design	code	2	1	
Description:	change float types to double in UML diagram						

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
Description:							

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect	
Description:							