Table C25 PSP0.1 Project Plan Summary

Student	Seth Lemanek	Date	2/5/16
Program	Assignment #2	Program #	2
Instructor	Arturo Concepcion	Language	C++

Program Size (LOC)	Plan	Actual	To Date
Base(B)		44 (Measured)	
Deleted (D)		0 (Counted)	
Modified (M)		6 (Counted)	
Added (A)		64 (T-B+D-R)	
Reused (R)		0 (Counted)	0
Total New & Changed (N)	120	70 (A+M)	70
Total LOC (T)		108 (Measured)	108
Total New Reused		0	0

Time in Phase (min.)	Plan	Actual	To Date	To Date %
Planning	5	4	8	2.1
Design	10	10	16	4.1
Code	60	144	210	54.4
Compile	30	10	27	7.0
Test	10	45	72	18.6
Postmortem	15	40	53	13.7
Total	130	253	386	100

Defects Injected		Actual	To Date	To Date %
Planning		0	0	0
Design		1	2	15.4
Code		7	11	84.6
Compile		0	0	0
Test		0	0	0
Total Development		8	13	100

Defects Removed		Actual	To Date	To Date %
Planning		0	0	0
Design		0	0	0
Code		1	2	15.4
Compile		3	6	46.2
Test		4	5	38.5
Total Development		8	13	100
After Development				

Table C27 Process Improvement Proposal (PIP)

Student _____ Date _____

Instructor _____ Program # _____

Process _____ Elements _____

PIP Number

Problem Description:

_____ Nothing Here to see. _____

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PROPOSAL

PIP # **Proposal Description**

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Notes and Comments: _____

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Table C16 Time Recording Log

| Student | Seth Lemanek | | Date | 2/5/16 |
| Instructor | Arturo Concepcion | | Program # | 2 |

Date	Start	Stop	Interruption Time	Delta Time	Phase	Comments
2/5	3:00	3:04	0	4	planning	estimate build and test time
2/5	3:11	3:23	3	10	design	draw UML diagram
2/5	9:00	9:36	0	36	code	code in C++
2/6	4:12	4:50	0	38	code	-
2/6	10:15	11:35	10	70	code	-
2/6	11:40	11:50	0	10	compile	compile using g++
2/7	3:00	3:45	0	45	test	test for any bugs
2/7	4:00	4:40	0	40	P.M.	Review and fill the PSP Forms

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	2/6/16
Instructor	Arturo Concepcion	Program #	2

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/6	1	20	design	code	2	

Description: Modify "Object" class to only have variables

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/6	2	20	code	compile	1	

Description: refered to "object" class as opposed to existent "Object" class

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/6	3	50	code	compile	1	

Description: misspelled vector member "push_back"

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/6	4	50	code	compile	1	

Description: used period to call a method of a referenced class

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/7	5	80	code	test	2	

Description: seg. fault due to reference to non-initialized "Object.objectLines"

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/7	6	50	code	test	12	

Description: istringstream not outputting string w/ ">>" operator. Made
istringstream clear and reset at end of iteration.

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/7	7	40	code	test	2	

Description: "Object" class init with dump values

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/7	8	80	code	test	1	

Description: countLines() did not count end of class def as a line for object class.

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect

Description: