Table C25 PSP0.1 Project Plan Summary

Student	Seth Lemanek	Date	2/26/16
Program	Assignment #5: Linear Regression 2	Program #	5
Instructor	Arturo Concepcion	Language	C++

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

Time in Phase (min.)	Plan	Actual	To Date	To Date %
Planning				
Design				
Code				
Compile				
Test				
Postmortem				
Total				

Defects Injected		Actual	To Date	To Date %
Planning				
Design				
Code				
Compile				
Test				
Total Development				

Defects Removed		Actual	To Date	To Date %
Planning				
Design				
Code				
Compile				
Test				
Total Development				
After Development				

Table C27 Process Improvement Proposal (PIP)

Student _____ Date _____

Instructor _____ Program # _____

Process _____ Elements _____

PIP Number

Problem Description:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

PROPOSAL

PIP #   **Proposal Description**

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Notes and Comments: _____

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Table C16 Time Recording Log

Student	Seth Lemanek			Date		2/27/16
Instructor	Arturo Concepcion			Program #		5

Date	Start	Stop	Interruption Time	Delta Time	Phase	Comments
2/26	4:29	4:46	0	17	plan	fill Size Est. Form and part of PP summary form
2/26	4:48	5:07	0	14	design	draw UML and Use Case diagram
2/27	1:21	1:48	3	27	code	make dir and cpp file
2/27	1:45	1:47	0	2	design	update UML w/ new method
2/27	1:48	1:51	0	3	plan	update Size Est. Form
2/27	1:53	2:35	0	42	code	continue coding
2/27	7:34	7:37	0	3	code	review code
2/27	7:38	7:41	0	3	compile	compile with g++
2/27	7:47	8:12	0	25	test	test for problems
2/27	8:13	8:35	0	22	code	add/remove code to fix
2/27	8:35	8:36	0	1	compile	compile final build
2/27	8:36	9:10	10	24	test	check again for errors
2/27	9:50	10:20	0	30	P.M.	fill out forms and check for inconsistancies

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	2/27/16
Instructor	Arturo Concepcion	Program #	5

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/27	1	50	code	compile	2	

Description: LinReg2 has no class named compEstLOCtoActLOC

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/27	2	50	code	compile	1	

Description: diff has no member push_back

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect
2/27	3	20	code	test	1	

Description: variable sumXY and sumX2 were not accumulating due to assignment instead incrementing by values

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect

Description:

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect

Description:

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect

Description:

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect

Description:

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect

Description:

Date	Number	Type	Inject	Remove	Fix Time	Fix Defect

Description: