/Project/GOF Project

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Software System Development Rollup Plan Summary

Reports

Size

	Plan	Actual
SSS Pages	0	0
SSDD Pages	0	0
SRS Pages	5	14
STP Pages	5	7
Test Cases	0	0
SDD Pages	10	16
Text Pages	0	0
Detailed Design Lines	0	0
New & Changed LOC	1660	540

Overall metrics

Summary	Plan	Actual
Time	358:28	174:32
Uncategorized / Time	0:00	0:00
% Reused	#DIV/0!	#DIV/0!
% New Reused	0%	0%
New & Changed LOC Productivity	0.09	0.07

Time/Defect

	Time			Defects Injected			Defects Removed		
	Plan	Actual	Actual %	Plan	Actual	Actual %	Plan	Actual	Actual %
Project Planning and Oversight	13:52	10:34	6.05%	0	0	0%	0	0	0%
Software Development Environment	15:00	12:53	7.38%	0	0	0%	0	0	0%
Detailed Planning	64:00	53:18	30.5%	0	0	0%	0	1	1.56%
System Requirements Analysis	14:00	11:55	6.83%	3.5	12	19.0%	0	0	0%
System Requirements Review	0:00	0:00	0%	0	0	0%	2.45	0	0%
System Requirements Inspection	10:00	9:59	5.72%	0	0	0%	0.74	12	18.8%
System Test Preparation	0:00	0:00	0%	0	1	1.59%	0	0	0%
System Design	0:00	0:00	0%	0	0	0%	0	0	0%
System Design Review	0:00	0:00	0%	0	2	3.17%	0.22	2	3.12%
System Design Inspection	0:00	0:00	0%	0	0	0%	0.07	0	0%
Software Requirements Analysis	0:00	0:00	0%	0	0	0%	0	0	0%
Software Requirements Review	0:00	0:00	0%	0	0	0%	0.02	0	0%
Software Requirements Inspection	0:00	0:00	0%	0	0	0%	0.01	0	0%
Software Test Preparation	0:00	0:00	0%	0	2	3.17%	0	3	4.69%
Software Design	25:00	13:59	8.01%	6.25	14	22.2%	0	0	0%
Software Design Review	4:00	1:42	0.97%	0	0	0%	4.38	4	6.25%
Software Design Inspection	14:00	6:48	3.9%	0	0	0%	1.31	8	12.5%
Detailed Design	0:00	0:00	0%	0	2	3.17%	0	0	0%
Detailed Design Review	0:00	0:00	0%	0	0	0%	0.39	0	0%
Detailed Design Inspection	0:00	0:00	0%	0	0	0%	0.12	0	0%
Code	77:25	21:29	12.3%	310	30	47.6%	0	5	7.81%
Code Review	36:00	5:11	2.97%	0	0	0%	217	14	21.9%

Compile	0:00	0:00	0%	0	0	0%	46.5	0	0%
Code Inspection	11:11	7:41	4.4%	0	0	0%	32.5	6	9.38%
Unit Test	45:30	8:47	5.03%	9.1	0	0%	11.5	8	12.5%
Unit Integration	5:30	0:45	0.43%	0	0	0%	5.76	1	1.56%
Test Readiness Review	0:00	0:00	0%	0	0	0%	0	0	0%
Software Qualification Testing	0:00	0:00	0%	0	0	0%	2.88	0	0%
System Integration	0:00	0:00	0%	0	0	0%	1.44	0	0%
System Qualification Testing	0:00	0:00	0%	0	0	0%	0.72	0	0%
Software Use and Transition Prep	0:00	0:00	0%	0	0	0%	0	0	0%
Miscellaneous	0:00	0:00	0%	0	0	0%	0	0	0%
Postmortem	23:00	9:31	5.45%	0	0	0%	0	0	0%
Software Use and Transition	0:00	0:00	0%	0	0	0%	0.72	0	0%
Total	358:28	174:32		329	63		329	64	
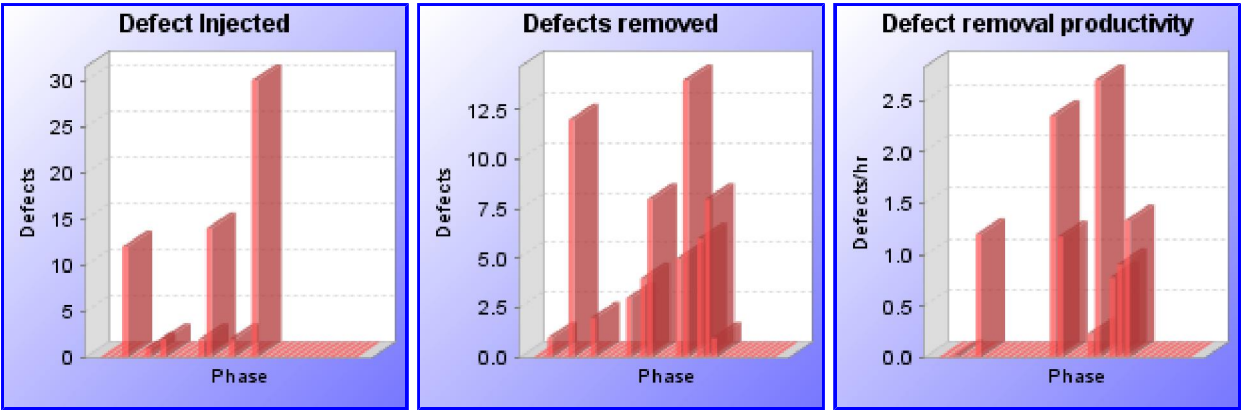
Defect fix time report

Defect Fix Times				
		Defects Found in Test	Defects Found in SW Int Test	Total Defects Found
Defects Injected in Sys Reqts	Tot. fix time	-	-	16.4
	Tot. defects	-	-	12
	Avg. fix time	-	-	1.37
Defects Injected in Sys Test Prep	Tot. fix time	-	-	0.2
	Tot. defects	-	-	1
	Avg. fix time	-	-	0.2
Defects Injected in SW Test Prep	Tot. fix time	-	-	1.7
	Tot. defects	-	-	2
	Avg. fix time	-	-	0.85
Defects Injected in SW Design	Tot. fix time	-	-	41.7
	Tot. defects	-	-	14
	Avg. fix time	-	-	2.98
Defects Injected in Design	Tot. fix time	-	-	8.6
	Tot. defects	-	-	2
	Avg. fix time	-	-	4.3
Defects Injected in Code	Tot. fix time	20.2	0.8	127.3
	Tot. defects	8	1	30
	Avg. fix time	2.52	0.8	4.24
Total Defects Injected	Tot. fix time	20.2	0.8	248.5
	Tot. defects	8	1	64
	Avg. fix time	2.52	0.8	3.88

Project/Task	Date	ID	Type	Injected	Removed	FixTime	FixDefect	Description
/Project/GOF Project	04/15/2009	10	Sys Design Review	Sys Design Review	1.4		To include change label type for the comparator
/Project/GOF Project	04/15/2009	10	Sys Design Review	Sys Design Review	1.2		Removed the dependency relationship between the UI and comparator for sending commands, as it is routed through the controller
/Project/GOF Project	04/22/2009		Documentation	SW Design	Code	8.1		There was no command class for putting source, destination and output file together. We need to have this. This will cause the UI to set the controller parameters in one click.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009		Documentation	Sys Reqts	Sys Reqts Inspect	1.4		Team number has a different label.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009		Documentation	Sys Reqts	Sys Reqts Inspect	0.5		Roles - Mel also has a client role.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009		Documentation	Sys Reqts	Sys Reqts	1.3		Cycle 1 end date was wrong. Change to april 17th.

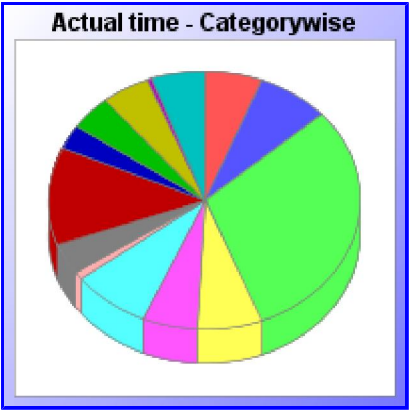| Project	Date	Type	Injected	Removed	Value	Yes	Description
				Inspect			
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	1.4		UC1 - Adding text to better explain system upload feature.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	1		UC2 - change the text "uploaded files" to "all files" to avoid misunderstanding.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	0.7		UC3 - change pre-conditions to reflect the need of an existing file on the system.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	0.6		UC4 - Pre-condition: add the information saying that the user need to inform the file name to checking.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	0.5		Wrong UC number - UC4 insted of UC5 - View file information.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	4.7		Chapter 3 - Adding requirement id and mapping it with the use cases.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	1.5		Chapter 4 - correct some sentences on Option 2 and 3 to better understanding.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	1.4		Charpter 4 - Include the "Add file" option on the user interface. This option is required to include a file on the system.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009	Documentation	Sys Reqts	Sys Reqts Inspect	1.4		Chapter 4 - section 2 : change statements to make clear that the information to be stored is about source code file changes.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/08/2009	10	SW Test Prep	SW Test Prep	1.1	Yes	Incorporated test plan criteria for new use-cases based on the change in requirements.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/08/2009	10	Sys Test Prep	SW Test Prep	0.2	Yes	Description for a test plan for each use case was added
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/08/2009	10	SW Test Prep	SW Test Prep	0.6	Yes	modified the sequence of steps to be carried out , for one use-case and the test result information for another use-case
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/11/2009	Documentation	SW Design	SW Design Review	2		How Userinterface can invoke Controllers executeCommand method?
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/11/2009	Documentation	SW Design	SW Design Review	8		Missing setters and getters from most of the classes.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/11/2009	Documentation	SW Design	SW Design Review	6		Missing implementation of the Comparator interface.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/11/2009	Documentation	SW Design	SW Design Review	2		Missing getter methods for type and line number in the ChangeDescriptor class.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	3.6		Reader and Writer interfaces do not have setter method to set the file name, which leaves its implementation in uncertainty, how to set the filename.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	0.8		getId method of Reader and Writer interfaces seem to lack purpose.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	2.4		Controller does not provide a method that can return a list of changes.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	1.3		Command that retrieves a list of changes does not exist.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	0.8		readerInputStream2 is not protected.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	1.1		Fields linenumber, source, change description are public.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Environment	Before Development	Planning	50		Teammates are not able to join the team project on the process dashboard. The link for joining the project fails.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	1.1		The relationship between the user interface and comparator must be a bi-directional association
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/15/2009	Documentation	SW Design	SW Design Inspect	2.2		Implementation details were depicted in the analysis model pertaining to file reader and writer
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/22/2009	Documentation	Code	Code Review	2.9		File header missing in the file indicating the file description. (GUI Component)
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/22/2009	Documentation	Code	Code Review	2.3		No log at the end indicating the file revision history.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/22/2009	Documentation	Code	Code Review	10		Functions and variables lacked comments.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/22/2009	Documentation	Code	Code Review	10.2		Naming of variables are not according to the defined java standards.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/22/2009	Interface	Code	Code Review	20.7		Field spacing and description was not appropriate on the GUI.
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/22/2009	Interface	Code	Code Review	30.4		Getter and setters for private variables were missing from GUI components.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/23/2009	Documentation	SW Design	Code	2.3		Command class does not have setters that will allow setting the results.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/23/2009	Documentation	Code	Code	4		Class OneClickCompareCommand does not adhere to the naming standard for command class. Command subclasses must start with "Cmd".
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Data	Code	Code Review	1.9		The messages in the file selection boxes are not appropriate. It calls two version of a source files as "source file" and "Target file".
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Assignment	Code	Code Review	2.5		Declaration of close method of reader class was incorrect. It has a return type as String, where it should have void.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Assignment	Code	Code Review	3		Declration of open method of Reader interface was incorrect. Wrong return type. It has String, but it should have void.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Assignment	Design	Code	2.3		ComparatorImpl has a filed "chages' which is of type array of ChangeDescriptor. We want a List of ChangeDescriptor.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Checking	Code	Code Review	3.4		gof4FileReader had methods which were supposed to throw exceptions but were not throwing exceptions. Methods are close, open, readLine.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Checking	Code	Code Review	0.9		gof4FileWriter has methods that should throw excpetions, but aren;t throwing exceptions. Methods are close, open, and writeLine.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Function	Code	Code Review	1.5		Writer interface had readLine method which is incorrect and is against the design. It should have writeLine.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Function	Code	Code Review	1		Writer interface should not have isEmpty method.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/25/2009	Function	Code	Code Review	2.3		gof4FileWriter and gof4FileReader have overloaded constructors which take filenames as input. This is not according to the design. The file names are set using a method setFileName.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/26/2009	Function	Design	Code	6.3		The Comparator does not show the lines that got changed. ChangeDescriptor should also have lines that changed/added/deleted.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Function	Code	Test	2.6		Source lines are not getting set. only line numbers are set.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Data	Code	Test	1.5		Changed line contained "<" or ">" which is not required.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Checking	Code	Test	0.7		CompareAll method do not throw exception, where it should be.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Assignment	Code	Test	0.7		result in the method ChangeDescriptor:toString() was uninitialized. Causing null pointer excpetion.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Function	Code	Test	6		Changed/added/deleted lines are not getting printed on new lines. (In information).
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Assignment	Code	Test	0.7		Destination lines (source2) are represented as '<', which should be

						prefixed by ">"
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Function	Code	Test	7.2		In case of added line also it prints line numbers in the source (first file).
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Function	Code	Test	0.8		GUI is not notifying the user upon success of failure of a comparison opration.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Documentation	Code	Code Inspect	0.9		Comments for the setters and getters in ChangeDescriptor.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Documentation	Code	Code Inspect	0.6		Comments for methods in Comparator interface.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Documentation	Code	Code Inspect	4		Comments absent in the UserInterface interface.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Documentation	Code	Code Inspect	1.4		No comments in CmdOneClickCompare class.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Build, package	Code	Code Inspect	1.3		Wrong import is used in the Controller. com.sun.org.apache.*
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Function	Code	Code Inspect	1.1		Remove main method from the GUI.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Data	Code	SW Int Test	0.8		The line number shows, 6-1. 1 is not a right answer.

Defects by phase and type

Type	Number Injected						Percentage Injected						Number Removed		Percentage Removed	
	Sys Reqts	Sys Test Prep	SW Test Prep	SW Design	Design	Code	Sys Reqts	Sys Test Prep	SW Test Prep	SW Design	Design	Code	Test	SW Int Test	Test	SW Int Test
10	-	1	2	-	-	-	-	100%	100%	-	-	-	-	-	-	-
Assignment	-	-	-	-	1	4	-	-	-	-	50%	13%	2	-	25%	-
Build, package	-	-	-	-	-	1	-	-	-	-	-	3%	-	-	-	-
Checking	-	-	-	-	-	3	-	-	-	-	-	10%	1	-	12%	-
Data	-	-	-	-	-	3	-	-	-	-	-	10%	1	1	12%	100%
Documentation	12	-	-	14	-	9	100%	-	-	100%	-	30%	-	-	-	-
Function	-	-	-	-	1	8	-	-	-	-	50%	27%	4	-	50%	-
Interface	-	-	-	-	-	2	-	-	-	-	-	7%	-	-	-	-
Total	12	1	2	14	2	30	100%	100%	100%	100%	100%	100%	8	1	100%	100%

Defects Removed By Type

Defect Fix Time By Type

Actual time - Categorywise

Defect Removal

	Defects Removed			Defects Removed per Hour			% Phase Yield			DRL		
	Plan	Actual	Actual %	Plan	Actual	Actual %	Plan	Actual	Actual %	Plan	Actual	Actual
System Requirements Review	2.45	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
System Requirements Inspection	0.74	12	18.8%	0.07	1.2	328%	70%	109%	#VALUE!	#VALUE!	#VALUE!	#VALU
System Design Review	0.22	2	3.12%	#DIV/0!	#DIV/0!	#DIV/0!	70%	100%	#VALUE!	#VALUE!	#VALUE!	#VALU
System Design Inspection	0.07	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALU
Software Requirements Review	0.02	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALU
Software Requirements Inspection	0.01	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALU
Software Design Review	4.38	4	6.25%	1.09	2.35	642%	70%	30.8%	#VALUE!	#VALUE!	#VALUE!	#VALU
Software Design Inspection	1.31	8	12.5%	0.09	1.18	321%	70%	88.9%	#VALUE!	#VALUE!	#VALUE!	#VALU
Detailed Design Review	0.39	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
Detailed Design Inspection	0.12	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
Code Review	217	14	21.9%	6.02	2.7	737%	70%	50%	#VALUE!	#VALUE!	#VALUE!	#VALU
Compile	46.5	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
Code Inspection	32.5	6	9.38%	2.91	0.78	213%	70%	42.9%	#VALUE!	#VALUE!	#VALUE!	#VALU
Unit Test	11.5	8	12.5%	0.25	0.91	248%	50%	100%	#VALUE!	#VALUE!	#VALUE!	#VALU
Unit Integration	5.76	1	1.56%	1.05	1.33	364%	50%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALU
Test Readiness Review	0	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
Software Qualification Testing	2.88	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
System Integration	1.44	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
System Qualification Testing	0.72	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALU
Software Use and Transition	0.72	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	100%	0%	#VALUE!			#VALU

Process Yield

	% Process Yield		% Defect Free	
	Plan	Actual	Plan	Actual

Project Planning and Oversight

Software Development Environment	#DIV/0!	#DIV/0!	
Detailed Planning	#DIV/0!	#DIV/0!	
System Requirements Analysis	#DIV/0!	#DIV/0!	
System Requirements Review	0%	8.33%	
System Requirements Inspection	70%	8.33%	
System Test Preparation	91.0%	108%	
System Design	91.0%	100%	
System Design Review	91.0%	100%	
System Design Inspection	97.3%	100%	
Software Requirements Analysis	99.2%	100%	
Software Requirements Review	99.2%	100%	
Software Requirements Inspection	99.8%	100%	
Software Test Preparation	99.9%	100%	
Software Design	99.9%	106%	
Software Design Review	35.9%	58.1%	
Software Design Inspection	80.8%	71.0%	
Detailed Design	94.2%	96.8%	
Detailed Design Review	94.2%	90.9%	
Detailed Design Inspection	98.3%	90.9%	
Code	99.5%	90.9%	
Code Review	3.04%	55.6%	
Compile	70.9%	77.8%	This calcul
Code Inspection	85.5%	77.8%	
Unit Test	95.6%	87.3%	This calcul
Unit Integration	96.5%	100%	This calcul
Test Readiness Review	98.2%	102%	
Software Qualification Testing	98.2%	102%	This calcul
System Integration	99.1%	102%	This calcul
System Qualification Testing	99.6%	102%	This calcul
Software Use and Transition Prep	99.8%	102%	
Miscellaneous	99.8%	102%	
Postmortem	99.8%	102%	
Software Use and Transition	99.8%	102%	This calcul
Total			