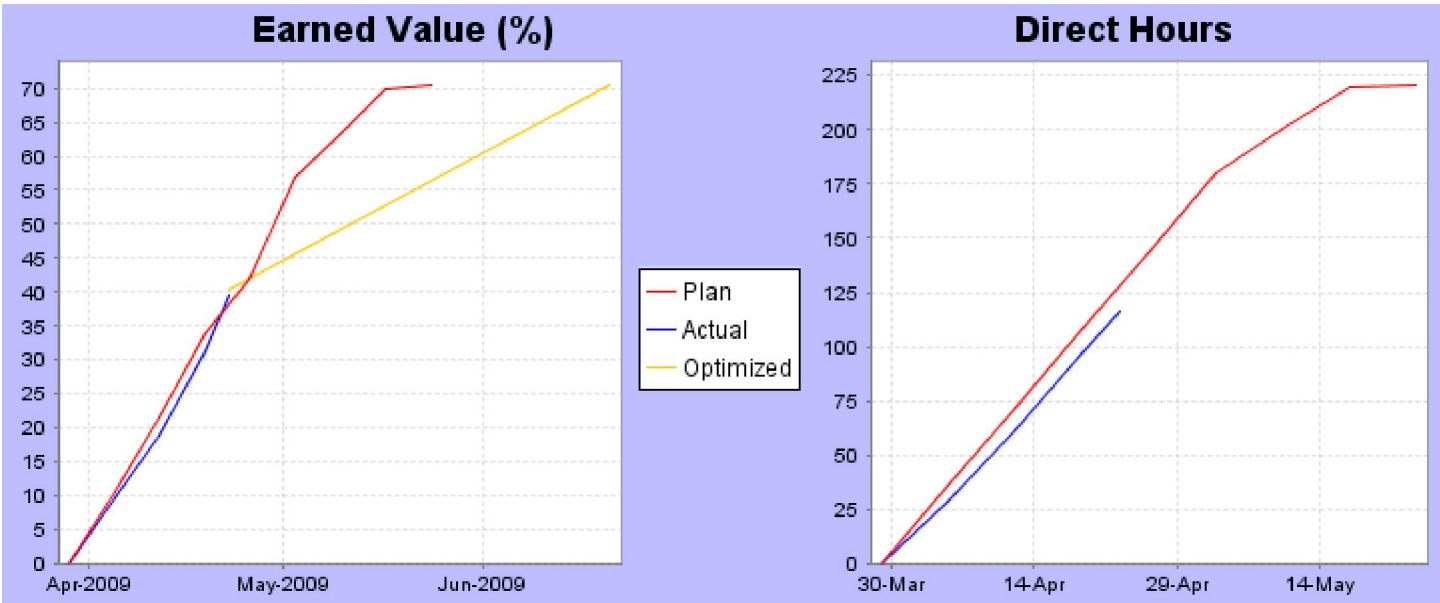# /Project/GOF Project

⊠ ⊞ /

Software System Development Rollup Plan Summary

Earned Value

Earned Value - GOF Project


|		
Optimized Plan Date:	Jun 15, 2009	*(If you rebalanced subschedules optimally (so they all plan to complete at the same time), the overall planned completion date would be Jun 15, 2009.)*
Cost Variance:	29.567	*(The tasks completed to date have taken 29.6 hours less effort than planned.)*
Cost Variance %:	24%	*(The tasks completed to date have taken 24% less effort than planned.)*
Cost Performance Index:	1.315	*(Work is taking less time than planned. For every effort hour actually spent, you are accomplishing 1.315 hours worth of planned results. This usually means that your original effort estimate was too big.)*
Schedule Variance:	9.631	*(You have completed 9.63 hours more work than you had planned to complete by this date.)*
Schedule Variance %:	8%	*(You have completed 8% more work than you had planned to complete by this date.)*
Schedule Variance Duration:	1.946	*(Based upon your current rate of task completion to date, you are 1.95 days ahead of schedule.)*
Schedule Performance Index:	1.085	*(You are completing tasks more quickly than scheduled. For every effort hour of work you should have accomplished to date, you are completing 1.085 hours. This may mean that your original planned schedule was too laid-back.)*
Percent Complete:	41%	*(You have completed 41% of the total work.)*
Percent Spent:	31%	*(The tasks completed to date have used 31% of the total planned effort hours.)*
To Complete Performance Index:	0.86	*(In order to complete all the work within the original effort estimate, each future hour of effort must accomplish 0.86 hours worth of planned results.)*
Improvement Ratio:	-0.347	*(In order to complete all the work within the original effort estimate, you can be 35% less productive in the future than you have been in the past.)*
Forecast Cost:	261.096	*(Based upon your current CPI, the total work is forecast to require 261 hours of effort.)*
Forecast Cost Range:	233.217 - 284.192	*(Based upon the tasks you have completed to date, the total work is likely to require between 233 hours and 284 hours of effort. (This range estimates 70% probability.))*
Optimized Forecast Duration:	83.618	*(If you rebalanced subschedules optimally (so they all complete at the same time), the total work schedule is forecast to be 2.79 months (based upon your current rate of task completion to date).)*

Optimized Forecast
Completion Date: Jun 20, 2009   *(If you rebalanced subschedules optimally (so they all complete at the same time), the total work is forecast to be completed Jun 20, 2009 (based upon your current rate of task completion to date).)*

Task List

Project/Task	Type	PT	PDT	Time	DTime	PV	Assigned To	Plan Date	Replan	Forecast	Date	Labels	Dep	%C	%S	EV
GOF Project/Project/GOF Project		341:17	304:17	149:02	116:19	100%		never	never	never				41%	44%	40.5%
Client/Code Line Counter		280:25	253:25	113:11	88:58	83.3%		never	never	never				39%	40%	32.2%
Cycle 1		146:30	119:30	84:10	59:57	39.3%		never	never	never				53%	57%	20.9%
Cycle 2		133:55	133:55	29:01	29:01	44%		never	never	never				26%	22%	11.3%
Process		60:52	50:52	35:51	27:21	16.7%		never	never	never				50%	59%	8.3%
Development strategy/Cycle1		16:52	9:22	10:32	5:32	3.1%		never	never	never		Week_2_-_Design_Document		25%	62%	0.8%
Environment		12:00	10:00	12:53	9:53	3.3%		5/16/09	5/17/09	5/25/09		Week_2_-_Design_Document		80%	107%	2.6%
Meetings		9:00	8:30	2:55	2:25	2.8%		never	never	never				65%	32%	1.8%
Post Mortem		23:00	23:00	9:31	9:31	7.6%		never	never	never				41%	41%	3.1%

Schedule List

From	To	PT	CPT	CPV	Time	CT	EV
3/29/09	4/4/09	36:00	36:00	10.5%	28:08	28:08	9.7%
4/5/09	4/11/09	36:00	72:00	21.6%	34:04	62:12	18.7%
4/12/09	4/18/09	36:00	108:00	33.9%	34:22	96:34	31.4%
4/19/09	4/25/09	36:00	144:00	41.8%	19:45	116:19	39.5%
4/26/09	5/2/09	36:00	180:00	56.9%	0:00	116:19	40.5%
5/3/09	5/9/09	20:00	200:00	63.5%	0:00	116:19	40.5%
5/10/09	5/16/09	20:00	220:00	69.8%	0:00	116:19	40.5%
5/17/09	5/23/09	0:30	220:30	70.5%	0:00	116:19	40.5%

Add Your Own Sections Here

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	230

Overall metrics

Summary	Plan	Actual
Time	367:17	149:02
Uncategorized / Time	0:00	0:00
% Reused	#DIV/0!	#DIV/0!
% New Reused	0%	0%
New & Changed LOC Productivity	0.09	0.04

Time/Defect

	Time			Defects Injected			Defects Removed		
	Plan	Actual	Actual %	Plan	Actual	Actual %	Plan	Actual	Actual %
Project Planning and Oversight	17:52	10:32	7.07%	0	0	0%	0	0	0%
Software Development Environment	15:00	12:53	8.64%	0	0	0%	0	0	0%
Detailed Planning	69:30	47:40	32.0%	0	0	0%	0	1	2.7%
System Requirements Analysis	14:00	11:55	8.0%	3.5	12	33.3%	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	6.7%	0	0	0%	0.74	12	32.4%
System Test Preparation	0:00	0:00	0%	0	1	2.78%	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	5.56%	0.22	2	5.41%
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	5.56%	0	3	8.11%
Software Design	25:00	13:59	9.38%	6.25	13	36.1%	0	0	0%
Software Design Review	18:00	8:30	5.7%	0	0	0%	4.38	4	10.8%
Software Design Inspection	0:00	0:00	0%	0	0	0%	1.31	8	21.6%
Detailed Design	0:00	0:00	0%	0	0	0%	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	12:05	8.11%	310	6	16.7%	0	1	2.7%

Code Review	36:00	3:35	2.4%	0	0	0%	217	6	16.2%
Compile	0:00	0:00	0%	0	0	0%	46.5	0	0%
Code Inspection	16:00	0:00	0%	0	0	0%	32.5	0	0%
Unit Test	45:30	7:49	5.24%	9.1	0	0%	11.5	0	0%
Unit Integration	5:30	0:45	0.5%	0	0	0%	5.76	0	0%
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	17:30	9:20	6.26%	0	0	0%	0	0	0%
Software Use and Transition	0:00	0:00	0%	0	0	0%	0.72	0	0%
Total	367:17	149:02		329	36		329	37	

Defect Injected — Defects removed — Defect removal productivity
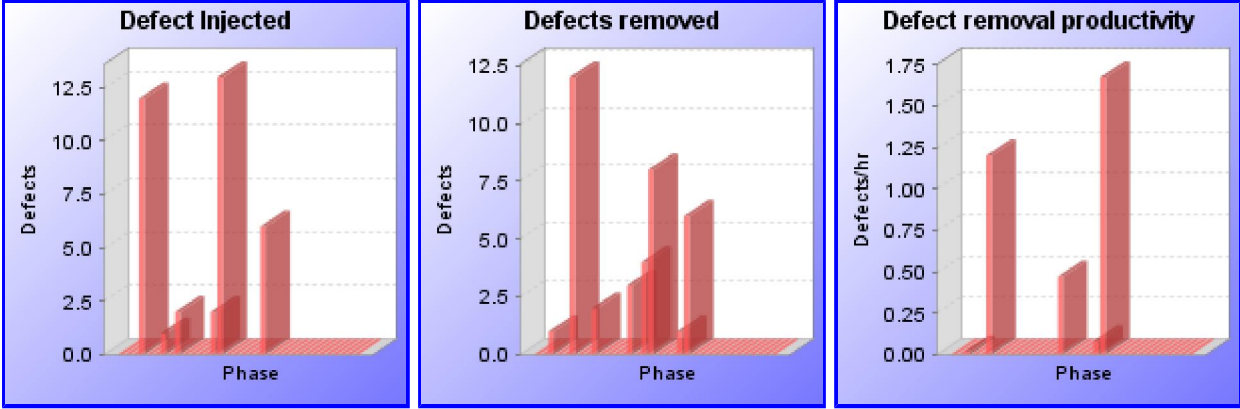
Defect fix time report

Defect Fix Times		
		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
	Tot. fix time	39.4

Defects Injected in SW Design	Tot. defects	13
	Avg. fix time	3.03
Defects Injected in Code	Tot. fix time	76.5
	Tot. defects	6
	Avg. fix time	12.75
Total Defects Injected	Tot. fix time	186.8
	Tot. defects	37
	Avg. fix time	5.05

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 Inspect	1.3		Cycle 1 end date was wrong. Change to april 17th.
/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.

Defects by phase and type

Type	Number Injected					Percentage Injected					Number Removed	Percentage Removed
	Sys Reqts	Sys Test Prep	SW Test Prep	SW Design	Code	Sys Reqts	Sys Test Prep	SW Test Prep	SW Design	Code		
10	-	1	2	-	-	-	100%	100%	-	-		
Documentation	12	-	-	13	4	100%	-	-	100%	67%		
Interface	-	-	-	-	2	-	-	-	-	33%		
Total	12	1	2	13	6	100%	100%	100%	100%	100%		
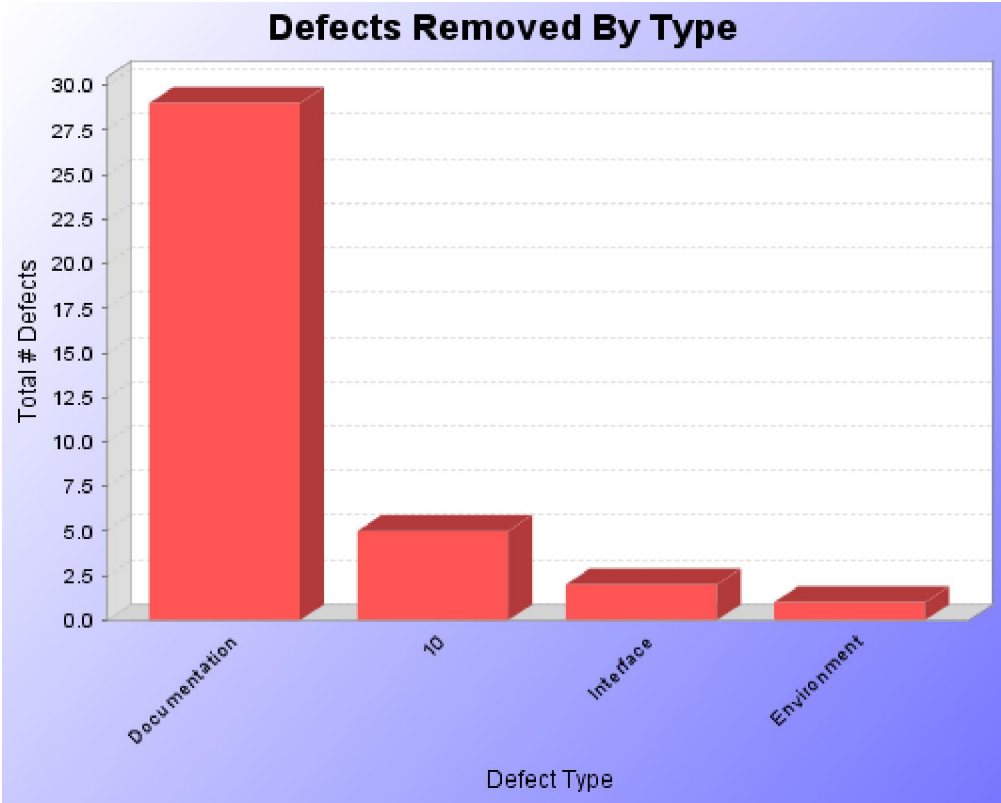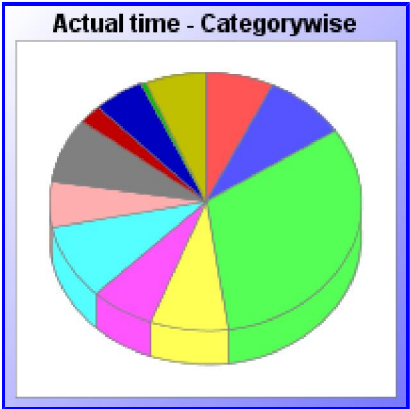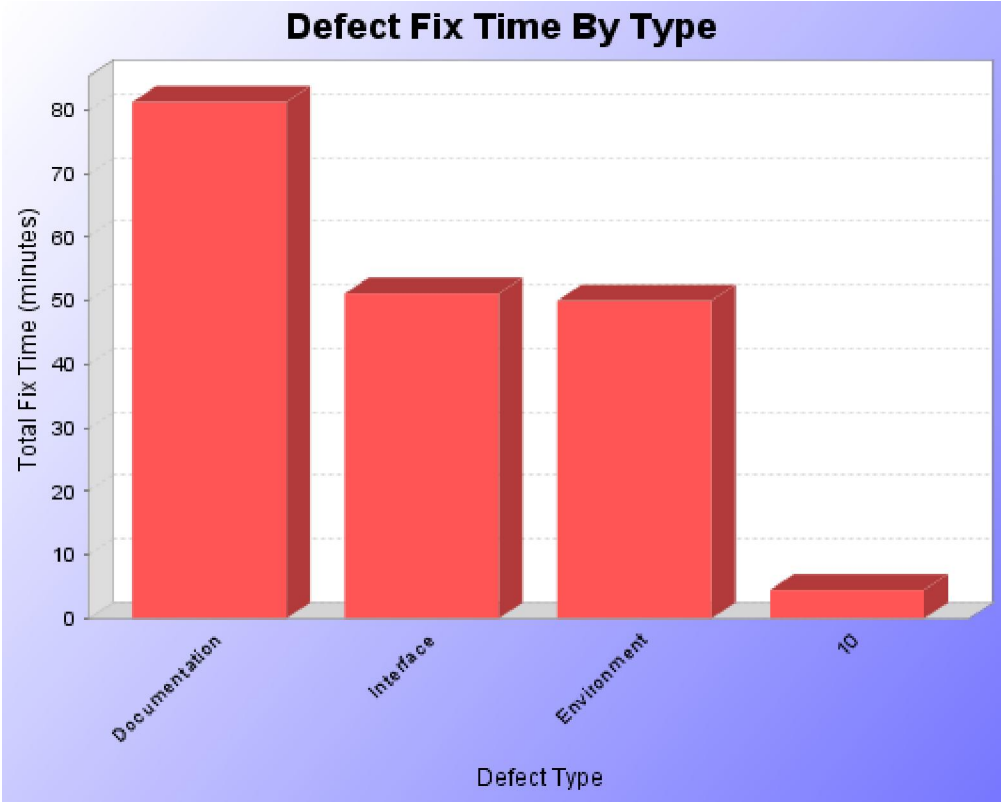
Defect Removal

	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!	#VALUE!
System Requirements Inspection	0.74	12	32.4%	0.07	1.2	484%	70%	109%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
System Design Review	0.22	2	5.41%	#DIV/0!	#DIV/0!	#DIV/0!	70%	100%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
System Design Inspection	0.07	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Software Requirements Review	0.02	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Software Requirements Inspection	0.01	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Software Design Review	4.38	4	10.8%	0.24	0.47	190%	70%	33.3%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Software Design Inspection	1.31	8	21.6%	#DIV/0!	#DIV/0!	#DIV/0!	70%	100%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Detailed Design Review												

0.39	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Detailed Design Inspection 0.12	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Code Review 217	6	16.2%	6.02	1.67	674%	70%	120%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Compile 46.5	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Code Inspection 32.5	0	0%	2.03	#DIV/0!	#DIV/0!	70%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Unit Test 11.5	0	0%	0.25	0	0%	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Unit Integration 5.76	0	0%	1.05	0	0%	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Test Readiness Review 0	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Software Qualification Testing 2.88	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
System Integration 1.44	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
System Qualification Testing 0.72	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Software Use and Transition 0.72	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	100%	0%	#VALUE!			#VALUE!

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%	60%		
Software Design Inspection	80.8%	73.3%		
Detailed Design	94.2%	100%		
Detailed Design Review	94.2%	100%		
Detailed Design Inspection	98.3%	100%		

Code	99.5%	100%	
Code Review	3.04%	86.1%	
Compile	70.9%	103%	This calcul
Code Inspection	85.5%	103%	
Unit Test	95.6%	103%	This calcul
Unit Integration	96.5%	103%	This calcul
Test Readiness Review	98.2%	103%	
Software Qualification Testing	98.2%	103%	This calcul
System Integration	99.1%	103%	This calcul
System Qualification Testing	99.6%	103%	This calcul
Software Use and Transition Prep	99.8%	103%	
Miscellaneous	99.8%	103%	
Postmortem	99.8%	103%	
Software Use and Transition	99.8%	103%	This calcul
Total			