

# /Project/GOF Project



Defect log can be found at the end of page4.

## Software System Development Rollup Plan Summary

### Defect reports

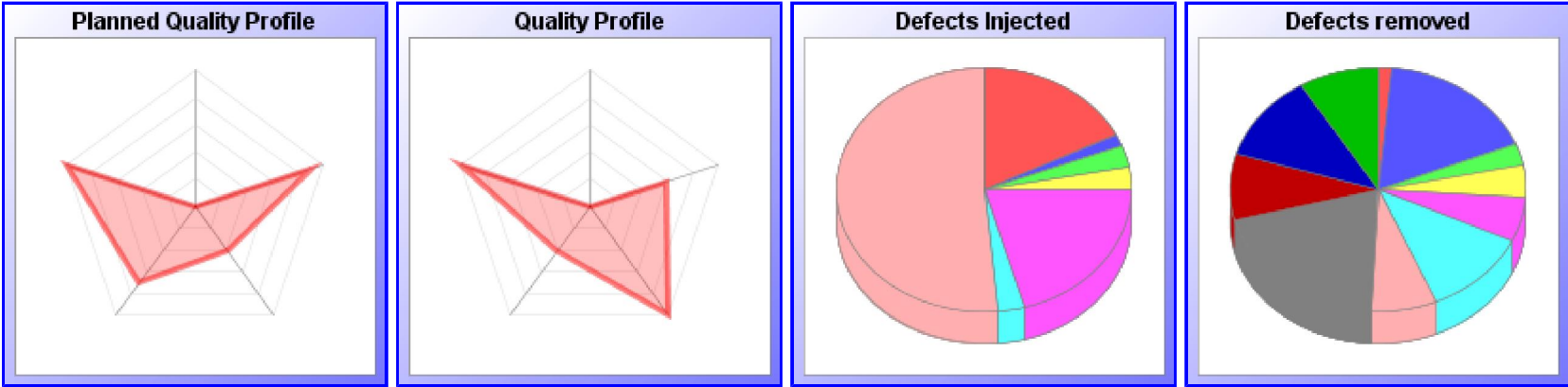
Defect and Yield	Defects Injected per Hour		Defects Removed per Hour		% Phase Yield		% Process Yield	
	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual
Project Planning and Oversight	0	0	0	0	0%	#DIV/0!		
Software Development Environment	0	0	0	0	0%	#DIV/0!	#DIV/0!	#DIV/0!
Detailed Planning	0	0	0	0.02	0%	#DIV/0!	#DIV/0!	#DIV/0!
System Requirements Analysis	0.25	1.01	0	0	0%	0%	#DIV/0!	#DIV/0!
System Requirements Review	0	#DIV/0!	#DIV/0!	#DIV/0!	70%	0%	0%	8.33%
System Requirements Inspection	0	0	0.07	1.2	70%	109%	70%	8.33%
System Test Preparation	0	#DIV/0!	#DIV/0!	#DIV/0!	0%	#DIV/0!	91.0%	108%
System Design	0.25	#DIV/0!	#DIV/0!	#DIV/0!	0%	#DIV/0!	91.0%	100%
System Design Review	0	#DIV/0!	#DIV/0!	#DIV/0!	70%	100%	91.0%	100%
System Design Inspection	0	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	97.3%	100%
Software Requirements Analysis	0.25	#DIV/0!	#DIV/0!	#DIV/0!	0%	#DIV/0!	99.2%	100%
Software Requirements Review	0	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	99.2%	100%
Software Requirements Inspection	0	#DIV/0!	#DIV/0!	#DIV/0!	70%	#DIV/0!	99.8%	100%
Software Test Preparation	0	#DIV/0!	#DIV/0!	#DIV/0!	0%	150%	99.9%	100%
Software Design	0.25	1.0	0	0	0%	0%	99.9%	106%
Software Design Review	0	0	1.09	1.48	70%	30.8%	35.9%	58.1%
Software Design Inspection	0	0	0.09	0.92	70%	88.9%	80.8%	71.0%
Detailed Design	2	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	94.2%	96.8%
Detailed Design Review	0	#DIV/0!	#DIV/0!	#DIV/0!	70%	0%	94.2%	90.9%
Detailed Design Inspection	0	#DIV/0!	#DIV/0!	#DIV/0!	70%	0%	98.3%	90.9%
Code	4	1.51	0	0.22	0%	13.2%	99.5%	90.9%
Code Review	0	0	6.19	2.04	70%	42.4%	2.93%	51.5%
Compile	0.3	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	70.9%	72.1%
Code Inspection	0	0	3.62	0.61	70%	31.6%	85.4%	72.1%
Unit Test	0.2	0	0.27	0.76	50%	61.5%	95.6%	80.9%
Unit Integration	0	0	0.6	1.93	50%	120%	96.6%	92.6%
Test Readiness Review	0	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	98.3%	101%

Software Qualification Testing	0	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	98.3%	101%
System Integration	0	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	99.1%	101%
System Qualification Testing	0	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	99.6%	101%
Software Use and Transition Prep	0	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	99.8%	101%
Miscellaneous	0	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	99.8%	101%
Postmortem	0	0	0	0	0%	0%	99.8%	101%
Software Use and Transition	0	#DIV/0!	#DIV/0!	#DIV/0!	100%	0%	99.8%	101%
Total	0.96	0.33	0.96	0.33				

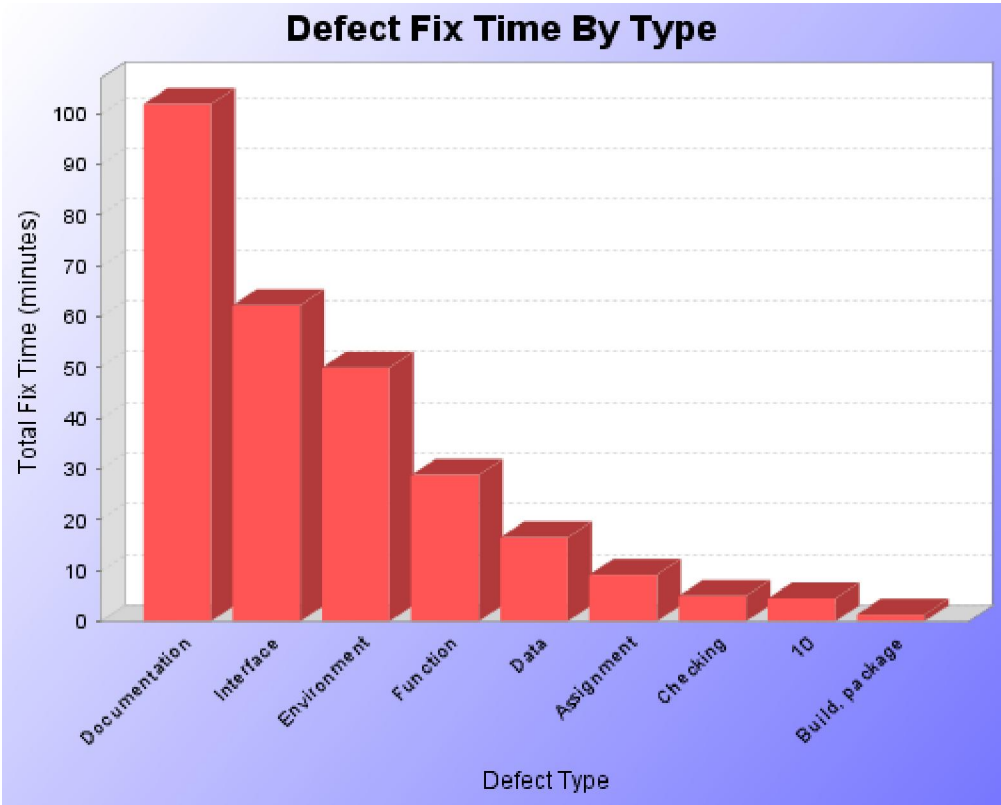
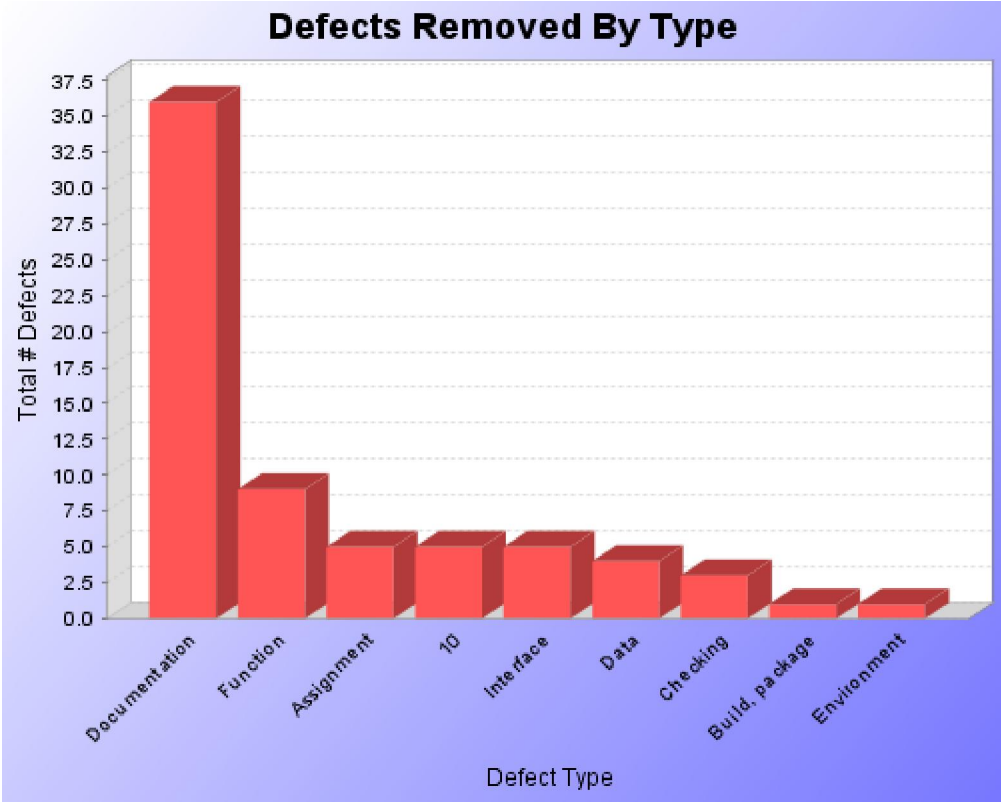
Defect Rates	Plan	Actual
AFR	1.38	2.79
Sys Reqts Inspect / Appraisal Rate	0	0
SW Design Review / Appraisal Rate	2.5	5.93
SW Design Inspect / Appraisal Rate	1.14	1.85
Code Review / Appraisal Rate	34.7	59.9
Code Inspect / Appraisal Rate	43.9	41.6
% Failure COQ	15.1%	6.6%
% Appraisal COQ	20.9%	18.4%
After Development / Defects Removed	0	0

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	-	-	<a href="#">12</a>
	Avg. fix time	-	-	1.37
Defects Injected in Sys Test Prep	Tot. fix time	-	-	0.2
	Tot. defects	-	-	<a href="#">1</a>
	Avg. fix time	-	-	0.2
Defects Injected in SW Test Prep	Tot. fix time	-	-	1.7
	Tot. defects	-	-	<a href="#">2</a>
	Avg. fix time	-	-	0.85
Defects Injected in SW Design	Tot. fix time	-	-	41.7
	Tot. defects	-	-	<a href="#">14</a>
	Avg. fix time	-	-	2.98
Defects Injected in Design	Tot. fix time	-	-	8.6
	Tot. defects	-	-	<a href="#">2</a>
	Avg. fix time	-	-	4.3
	Tot. fix time	20.2	27.3	158.3

Defects Injected in Code	Tot. defects	8	6	35
	Avg. fix time	2.52	4.55	4.52
Total Defects Injected	Tot. fix time	20.2	27.3	279.5
	Tot. defects	8	6	69
	Avg. fix time	2.52	4.55	4.05



	Number Injected						Percentage Injected						Number Removed		Percentage Removed		
Type	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%	11%	2	-	25%	-	
Build, package	-	-	-	-	-	1	-	-	-	-	-	3%	-	-	-	-	
Checking	-	-	-	-	-	3	-	-	-	-	-	9%	1	-	12%	-	
Data	-	-	-	-	-	4	-	-	-	-	-	11%	1	2	12%	33%	
Documentation	12	-	-	14	-	10	100%	-	-	100%	-	29%	-	1	-	17%	
Function	-	-	-	-	1	8	-	-	-	-	50%	23%	4	-	50%	-	
Interface	-	-	-	-	-	5	-	-	-	-	-	14%	-	3	-	50%	
Total	12	1	2	14	2	35	100%	100%	100%	100%	100%	100%	8	6	100%	100%	



Defect Log

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.

Roles - Mel also has a client role.
Cycle 1 end date was wrong. Change to april 17th.
UC1 - Adding text to better explain system upload feature.
UC2 - change the text "uploaded files" to "all files" to avoid misunderstanding.
UC3 - change pre-conditions to reflect the need of an existing file on the system.
UC4 - Pre-condition: add the information saying that the user need to inform the file name to checking.
Wrong UC number - UC4 insted of UC5 - View file information.
Chapter 3 - Adding requirement id and mapping it with the use cases.
Chapter 4 - correct some sentences on Option 2 and 3 to better understanding.
Charpter 4 - Include the "Add file" option on the user interface. This option is required to include a file on the system.
Chapter 4 - section 2 : change statements to make clear that the information to be stored is about source code file changes.
Incorporated test plan criteria for new use-cases based on the change in requirements.
Description for a test plan for each use case was added
modified the sequence of steps to be carried out , for one use-case and the test result information for another use-case
How Userinterface can invoke Controllers executeCommand method?
Missing setters and getters from most of the classes.
Missing implementation of the Comparator interface.
Missing getter methods for type and line number in the ChangeDescriptor class.
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.
getId method of Reader and Writer interfaces seem to lack purpose.
Controller does not provide a method that can return a list of changes.
Command that retrieves a list of changes does not exist.
readerInputStream2 is not protected.
Fields lineNumber, source, change description are public.
Teammates are not able to join the team project on the process dashboard. The link for joining the project fails.
The relationship between the user interface and comparator must be a bi-directional association
Implementation details were depicted in the analysis model pertaining to file reader and writer
File header missing in the file indicating the file description. (GUI Component)
No log at the end indicating the file revision history.
Functions and variables lacked comments.
Naming of variables are not according to the defined java standards.
Field spacing and description was not appropriate on the GUI.
Getter and setters for private variables were missing from GUI components.
Command class does not have setters that will allow setting the results.
Class OneClickCompareCommand does not adhere to the naming standard for command class. Command subclasses must start with "Cmd".
The messages in the file selection boxes are not appropriate. It calls two version of a source files as "source file" and "Target file".
Declaration of close method of reader class was incorrect. It has a return type as String, where it should have void.
Decleration of open method of Reader interface was incorrect. Wrong return type. It has String, but it should have void.
ComparatorImpl has a filed "chages" which is of type array of ChangeDescriptor. We want a List of ChangeDescriptor.
gof4FileReader had methods which were supposed to throw exceptions but were not throwing exceptions. Methods are close, open, readLine.
gof4FileWriter has methods that should throw excpetions, but aren;t throwing exceptions. Methods are close, open, and writeLine.
Writer interface had readLine method which is incorrect and is against the design. It should have writeLine.
Writer interface should not have isEmpty method.
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.
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	4	Comments for the setters and getters in ChangeDescriptor.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/27/2009	Documentation	Code	Code Inspect	2	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	04/29/2009	Interface	Code	SW Int Test	5.2	System do not check if files were valid. It crashes if invalid files (not existing, wrong names, etc) are informed
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/29/2009	Interface	Code	SW Int Test	3	UI does not provide feedback when stop processing
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/29/2009	Data	Code	SW Int Test	7	Fix the information on final file report: Eg: Line Numbers (File#1) 0-9 -> fix the information "0-9"
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/29/2009	Documentation	Code	SW Int Test	3	Step 4 on help says that is possible to see the summary result on the screen, but there is no field on screen to see the summary.
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/29/2009	Data	Code	SW Int Test	6.1	The information created by the system on the report file is not the same as specified on SRS (REQ004): Comparison date is missing; Total line number is missing
/Project/GOF Project/Client/Code Line Counter/Cycle 2	04/29/2009	Interface	Code	SW Int Test	3	Text box to inform files names should be larger to better see the files names provided by the user.