/Project/GOF Project



Software System Development Rollup Plan Summary

Defect reports

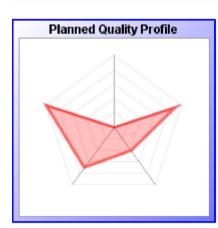
Defect and Yield	Defects Inje	cted per Hour	Defects Ren	noved per Hour	% Pha	ase Yield	% Process Yield		
	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual	
Project Planning and Oversight	0	0	0	0	0%	#DIV/0!			
Software Development Environment	0	0	0	0	0%	#DIV/0!	#DIV/0!	#DIV/0!	
Detailed Planning	0	0	0	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%	

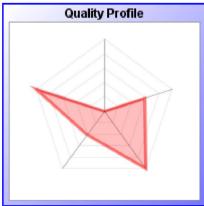
Software Qualification Testing	0	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	98.3%	101%
System Integration	0	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	99.1%	101%
System Qualification Testing	0	#DIV/0!	#DIV/0!	#DIV/0!	50%	0%	99.6%	101%
Software Use and Transition Prep	0	#DIV/0!	#DIV/0!	#DIV/0!	0%	0%	99.8%	101%
Miscellaneous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

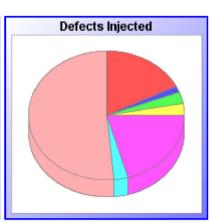
Defect Rates	Plan	Actual
AFR	1.38	2.79
Sys Reqts Inspect / Appraisal Rate	0	0
SW Design Review / Appraisal Rate	2.5	5.93
SW Design Inspect / Appraisal Rate	1.14	1.85
Code Review / Appraisal Rate	34.7	59.9
Code Inspect / Appraisal Rate	43.9	41.6
% Failure COQ	15.1%	6.6%
% Appraisal COQ	20.9%	18.4%
After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

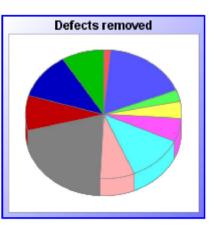
Defect Fix Times							
		Defects Found in Test	Defects Found in SW Int Test	Total Defects Found			
	Tot. fix time	-	-	16.4			
Defects Injected in Sys Reqts	Tot. defects	-	-	<u>12</u>			
	Avg. fix time	-	-	1.37			
	Tot. fix time	-	-	0.2			
Defects Injected in Sys Test Prep	Tot. defects	-	-	<u>1</u>			
	Avg. fix time	-	-	0.2			
	Tot. fix time	-	-	1.7			
Defects Injected in SW Test Prep	Tot. defects	-	-	<u>2</u>			
	Avg. fix time	-	-	0.85			
	Tot. fix time	-	-	41.7			
Defects Injected in SW Design	Tot. defects	-	-	<u>14</u>			
	Avg. fix time	-	-	2.98			
	Tot. fix time	-	-	8.6			
Defects Injected in Design	Tot. defects	-	-	<u>2</u>			
	Avg. fix time	-	-	4.3			
	Tot. fix time	20.2	27.3	158.3			

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

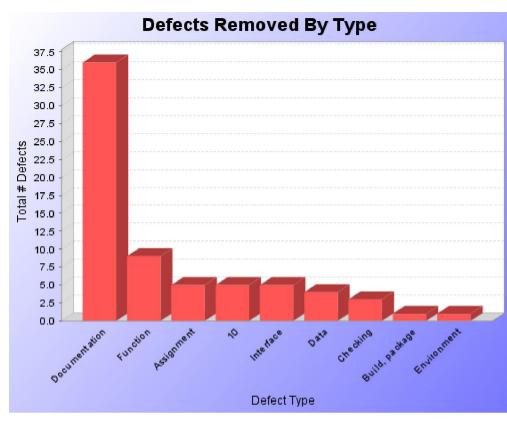


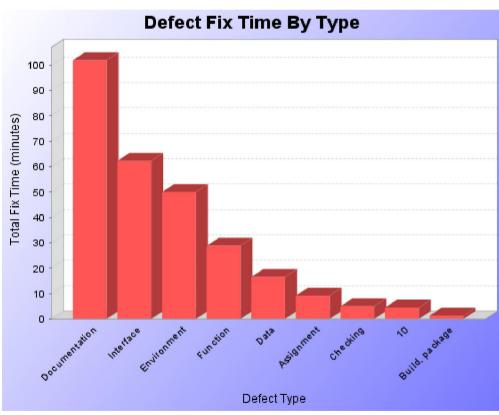






		N	lumber Inject	ed	Percentage Injected					Number Removed Percentage Removed						
Type	Sys Reqts	Sys Test Prep	SW Test Prep	SW Design	Design	Code	Sys Reqts	Sys Test Prep	SW Test Prep	SW Design	Design	Code	Test	SW Int Test	Test	SW Int Test
<u>10</u>	-	<u>1</u>	<u>2</u>	-	-	_	-	100%	100%	_	-	-	_	-	-	-
Assignment	-	-	-	-	<u>1</u>	4	-	-	-	_	50%	11%	2	-	25%	-
Build, package	-	-	-	-	-	1	-	-	-	-	-	3%	_	-	-	-
Checking	-	-	-	-	-	<u>3</u>	-	-	-	-	_	9%	1	-	12%	-
<u>Data</u>	-	-	-	-	-	4	-	-	-	_	-	11%	1	<u>2</u>	12%	33%
Documentation	<u>12</u>	-	-	<u>14</u>	-	<u>10</u>	100%	-	-	100%	_	29%	_	<u>1</u>	-	17%
<u>Function</u>	-	-	-	-	<u>1</u>	<u>8</u>	-	-	-	_	50%	23%	4	-	50%	-
<u>Interface</u>	-	-	-	-	-	<u>5</u>	-	-	-	-	-	14%	_	<u>3</u>	-	50%
<u>Total</u>	<u>12</u>	<u>1</u>	<u>2</u>	<u>14</u>	<u>2</u>	<u>35</u>	100%	100%	100%	100%	100%	100%	<u>8</u>	<u>6</u>	100%	100%





Project/Task	Date	ID	Type	Injected	Removed	FixTime	FixDefec
/Project/GOF Project	04/15/2009		10	Sys Design Review	Sys Design Review	1.4	
/Project/GOF Project	04/15/2009		10	Sys Design Review	Sys Design Review	1.2	
/Project/GOF Project	04/22/2009		Documentation	SW Design	Code	8.1	
/Project/GOF Project/Client/Code Line Counter/Cycle 1	04/04/2009		Documentation	Sys Reqts	Sys Reqts Inspect	1.4	

ect	Description
	To include change label type for the comparator
	Removed the dependency relationship between the UI and comparator for sending commands, as it is routed through the controller
	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.
	Team number has a different label.

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Documentation		Sys Reqts Inspect	0.5] 1
Documentation		Sys Reqts Inspect	1.3]
Documentation		Sys Reqts Inspect	1.4	
Documentation		Sys Reqts Inspect	1	
Documentation		Sys Reqts Inspect	0.7	
Documentation	Sys Reqts	Sys Reqts Inspect	0.6	ļ
Documentation		Sys Reqts Inspect	0.5	
Documentation	Sys Reqts	Sys Reqts Inspect	4.7	
Documentation	<u> </u>	Sys Reqts Inspect	1.5	[
Documentation	Sys Reqts	Sys Reqts Inspect	1.4	_
Documentation	Sys Reqts	Sys Reqts Inspect	1.4	
10	SW Test Prep	SW Test Prep	1.1	Yes
10	Sys Test Prep	SW Test Prep	0.2	Yes
10	SW Test Prep	SW Test Prep	0.6	Yes
Documentation	SW Design	SW Design Review	2	
Documentation	SW Design	SW Design Review	8	
Documentation	SW Design	SW Design Review	6	
Documentation	SW Design	SW Design Review	2	
Documentation	SW Design	SW Design Inspect	3.6	İ
Documentation	SW Design	SW Design Inspect	0.8	
Documentation	SW Design	SW Design Inspect	2.4	
Documentation	SW Design	SW Design Inspect	1.3	
Documentation	SW Design	SW Design Inspect	0.8	
Documentation	SW Design	SW Design Inspect	1.1	
Environment	Before Development	Planning	50	
Documentation		SW Design Inspect	1.1	
Documentation	SW Design	SW Design Inspect	2.2	
Documentation	Code	Code Review	2.9	
Documentation		Code Review	2.3	
Documentation		Code Review	10	<u>.</u>]
Documentation		Code Review	10.2]
Interface	Code	Code Review	20.7]]
Interface	Code	Code Review	30.4]]
Documentation		Code	2.3]]
		Code	4]]
Documentation		┤├──] 1
Data	Code	Code Review	1.9] 1
Assignment	Code	Code Review	2.5] 1
Assignment	Code	Code Review	3] 1
Assignment	Design	Code	2.3] 1
Checking	Code	Code Review	3.4]
Checking	Code	Code Review	0.9]
Function	Code	Code Review	1.5	
Function	Code	Code Review	1	ļ
Function	Code	Code Review	2.3	
Function	Design	Code	6.3]

c	ycle 1 end date was wrong. Change to april 17th.
U	C1 - Adding text to better explain system upload feature.
U	C2 - change the text "uploaded files" to "all files" to avoid misunderstanding.
U	C3 - change pre-conditions to reflect the need of an existing file on the system.
U	C4 - Pre-condition: add the information saying that the user need to inform the file name to checking.
W	/rong UC number - UC4 insted of UC5 - View file information.
=	hapter 3 - Adding requirement id and mapping it with the use cases.
=	hapter 4 - correct some sentences on Option 2 and 3 to better understanding.
С	harpter 4 - Include the "Add file" option on the user interface. This option is required to include a file on the system.
=	hapter 4 - section 2 : change statements to make clear that the information to be stored is about source code file changes.
Ir	acorporated test plan criteria for new use-cases based on the change in requirements.
⊨	escription for a test plan for each use case was added
m	odified the sequence of steps to be carried out, for one use-case and the test result information for another use-case
Н	ow Userinterface can invoke Controllers executeCommand method?
M	lissing setters and getters from most of the classes.
M	lissing implementation of the Comparator interface.
M	lissing getter methods for type and line number in the ChangeDescriptor class.
R	eader and Writer interfaces do not have setter method to set the file name, which leaves its implementation in uncertainty, how to set the filename.
ge	etId method of Reader and Writer interfaces seem to lack purpose.
С	ontroller does not provide a method that can return a list of changes.
С	ommand that retrieves a list of changes does not exist.
re	eaderInputStream2 is not protected.
F	ields linenumber, source, change description are public.
Т	eammates are not able to join the team project on the process dashboard. The link for joining the project fails.
T	he relationship between the user interface and comparator must be a bi-directional association
Ir	nplementation details were depicted in the analysis model pertaining to file reader and writer
F	ile header missing in the file indicating the file description. (GUI Component)
⊨	o log at the end indicating the file revision history.
늗	unctions and variables lacked comments.
느	aming of variables are not according to the defined java standards.
=	ield spacing and description was not appropriate on the GUI.
늗	etter and setters for private variables were missing from GUI components.
⊨	ommand class does not have setters that will allow setting the results.
늗	lass OneClickCompareCommand does not adhere to the naming standard for command class. Command subclasses must start with "Cmd".
늗	the messages in the file selection boxes are not appropriate. It calls two version of a source files as "source file" and "Target file".
=	eclaration of close method of reader class was incorrect. It has a return type as String, where it should have void.
=	eclration of open method of Reader interface was incorrect. Wrong return type. It has String, but it should have void.
=	omparatorImpl has a filed "chages' which is of type array of ChangeDescriptor. We want a List of ChangeDescriptor.
⊨	of 4FileReader had methods which were supposed to throw exceptions but were not throwing exceptions. Methods are close, open, readLine.
Ė	of 4FileWriter has methods that should throw exceptions, but aren;t throwing exceptions. Methods are close, open, and writeLine.
Ë	/riter interface had readLine method which is incorrect and is against the design. It should have writeLine.
	Vriter interface should not have isEmpty method.
v	
ge	of 4FileWriter and gof 4FileReader have overloaded constructors which take filenames as input. This is not according to the design. The file names are set using a sethod setFileName.

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Function	Code	Test	2.6
Data	Code	Test	1.5
Checking	Code	Test	0.7
Assignment	Code	Test	0.7
Function	Code	Test	6
Assignment	Code	Test	0.7
Function	Code	Test	7.2
Function	Code	Test	0.8
Documentation	Code	Code Inspect	4
Documentation	Code	Code Inspect	2
Documentation	Code	Code Inspect	4
Documentation	Code	Code Inspect	1.4
Build, package	Code	Code Inspect	1.3
Function	Code	Code Inspect	1.1
Interface	Code	SW Int Test	5.2
Interface	Code	SW Int Test	3
Data	Code	SW Int Test	7
Documentation	Code	SW Int Test	3
Data	Code	SW Int Test	6.1
Interface	Code	SW Int Test	3

Changed line contained "<" or ">" which is not required.			
CompareAll method do not throw exception, where it should be.			
result in the method ChangeDescriptor:toString() was uninitialized. Causing null pointer exception.			
Changed/added/deleted lines are not getting printed on new lines. (In information).			
Destination lines (source2) are represented as '<', which should be prefixed by ">"			
In case of added line also it prints line numbers in the source (first file).			
GUI is not notifying the user upon success of failure of a comparison opration.			
Comments for the setters and getters in ChangeDescriptor.			
Comments for methods in Comparator interface.			
Comments absent in the UserInterface interface.			
No comments in CmdOneClickCompare class.			
Wrong import is used in the Controller. com.sun.org.apache.*			
Remove main method from the GUI.			
System do not check if files were valid. It crashs if invalid files (not existing, wrong names, etc) are informed			
UI does not provide feedback when stop processing			
Fix the information on final file report: Eg: Line Numbers (File#1) 0-9 -> fix the information "0-9"			
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.			
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			
Text box to inform files names should be larger to better see the files names provided by the user.			