TSPi Quality Plan - Form SUMQ

Name	ECOS	**Date**	14/04/2014
Team	EAIT	**Instructor**	Luis Daniel Ben
Assembly	SYSTEM	**Cycle**	1

SYSTEM Percent Defect Free	**Actual**
In Compile	100,0%
In Unit Test	100,0%
In Build and Integration Test	100,0%
In System Test	100,0%
In Acceptance Test	100,0%
In Product Life	100,0%

Defects/Page	**Plan**	**Actual**
REQ Inspection	0,00	0,00
HLD Inspection	0,00	0,00

Defects/KLOC	**Plan**	**Actual**
DLD Review	21,72	14,25
DLD Inspection	6,52	0,00
Code Review	28,20	0,00
Compile	6,04	0,00
Code Inspection	4,23	0,00
Unit Test	2,76	0,00
Build and Integration Test	0,25	0,00
System Test	0,05	0,00
Total Development	80,93	17,09
Acceptance Test	0,01	0,00
Product Life	0,00	0,00
Total	80,94	17,09

Defect Ratios	**Plan**	**Actual**
DLD Review/Unit Test	7,86	0,00
Code Review/Compile	4,67	0,00

Development Time Ratios	**Plan**	**Actual**
REQ Inspection/Requirements	0,50	0,00
HLD Inspection/High-Level Design	0,40	0,00
Detailed Design/Code	2,00	0,71
DLD Review/Detailed Design	0,50	0,60
Code Review/Code	0,00	0,00

Inspection/Review Rates	**Plan**	**Actual**
REQ Inspection	0,00	0,00
HLD Inspection	0,00	0,00
DLD Review	53,33	117,00
DLD Inspection	32,00	87,75
Code Review	0,00	0,00
Code Inspection	40,00	117,00

A/FR	4,00	0,00

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Phase Yields	**Plan**	**Actual**
Planning	0%	0%
Requirements	0%	0%
System Test Plan	0%	0%
REQ Inspection	70%	0%
High-Level Design	0%	0%
Integration Test Plan	0%	0%
HLD Inspection	70%	0%
Detailed Design	0%	0%
DLD Review	70%	83%
Test Development	0%	0%
DLD Inspection	70%	0%
Code	0%	100%
Code Review	70%	0%
Compile	50%	0%
Code Inspection	70%	0%
Unit Test	90%	0%
Build and Integration Test	80%	0%
System Test	80%	0%
Acceptance Test	65%	0%

Process Yields	**Plan**	**Actual**
% Before Compile	85%	100%
% Before Unit Test	98%	100%
% Before Build and Integration Test	100%	100%
% Before System Test	100%	100%
% Before Acceptance Test	100%	100%

Defect Injection Rates (Defects Injected Per Hour)	**Plan**	**Actual**
Planning	0	0,00
Requirements	0,25	0,00
System Test Plan	0	0,00
REQ Inspection	0	0,00
High-Level Design	0,25	0,00
Integration Test Plan	0	0,00
HLD Inspection	0	0,00
Detailed Design	0,75	1,20
DLD Review	0	0,00
Test Development	0	0,00
DLD Inspection	0	0,00
Code	2	0,00
Code Review	0	0,00
Compile	0,3	0,00
Code Inspection	0	0,00
Unit Test	0,067	0,00
Build and Integration Test	0	0,00
System Test	0	0,00

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Defect Removal Rates	**Plan**	**Actual**
Planning	0,00	0,00
Requirements	0,00	0,00
System Test Plan	0,00	0,00
REQ Inspection	0,35	0,00
High-Level Design	0,00	0,00
Integration Test Plan	0,00	0,00
HLD Inspection	0,54	0,00
Detailed Design	0,00	0,00
DLD Review	1,16	1,67
Test Development	0,00	0,00
DLD Inspection	0,21	0,00
Code	0,00	0,14
Code Review	0,00	0,00
Compile	0,00	0,00
Code Inspection	0,17	0,00
Unit Test	0,15	0,00
Build and Integration Test	0,08	0,00
System Test	0,00	0,00