**TSPi Quality Plan - Form SUMQ**

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| --- | --- | --- | --- |
| Name | Joao | Date | 04/30/2009 |
| Team | Gang of four (Group 4) | Instructor | Mel |
| Part/Level |  | Cycle | 2 |

**Note: This SUMQ form doesn’t have all the information. Please refer to the “SUMQ\_Part2.pdf” for additional information.**

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| **Summary Rates** | **Plan** |  | **Actual** |
| LOC/hour | 20 |  | 18 |
| % Reuse (% of total LOC) | 20% |  | 32% |
| % New Reuse (% of N&C LOC) | 0% |  | 0% |
| **Percent Defect Free (PDF)** |  |  |  |
| In compile | 0% |  | 0% |
| In unit test | 60% |  | 67% |
| In build and integration | 80% |  | 89% |
| In system test | 0% |  | 0% |
| **Defect/page** |  |  |  |
| Requirements inspection | 2 |  | 0.92 |
| HLD inspection | 1.5 |  | 1.08 |
| **Defects/KLOC** |  |  |  |
| DLD review | 0 |  | 0 |
| DLD inspection | 0 |  | 0 |
| Code review | 15 |  | 31.1 |
| Compile | 0 |  | 0 |
| Code inspection | 10 |  | 13.3 |
| Unit test | 7.5 |  | 17.7 |
| Build and integration | 4.5 |  | 13.3 |
| System test | 0 |  | 0 |
| Total development | 30 |  | 84.4 |
| **Defect Ratios** |  |  |  |
| Code review/Compile | Inf. |  | Inf. |
| HLD review/Unit test | 1.6 |  | 1.5 |
| **Development time ratios (%)** |  |  |  |
| Requirements inspection/Requirements | 83% |  | 83% |
| HLD inspection/HLD | 72% |  | 62% |
| DLD/code | 0 |  | 0 |
| DLD review/DLD | 0 |  | 0 |
| Code review/code | 49% |  | 30% |