**PSP2 Project Plan Summary**

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| --- | --- | --- | --- |
| Student | John Dany Osorio Ramos | Date | 22/02/2015 |
| Program | Conceptos avanzados de software | Program # | 05 |
| Instructor | Luis Daniel Benavides | Language | Java |

|  |  |  |  |  |  |  |  |  |  |  |  |
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| **Summary** | **Plan** | | |  | **Actual** | | |  | **To Date** | | |
| Size/Hour | 200/6 | | |  | 333/6 | | |  | 789/23.4 | | |
| ***Planned Time*** | 6 | | |  |  | | |  | 27.08 | | |
| ***Actual Time*** |  | | |  | 9 | | |  | 32.90 | | |
| ***CPI (Cost-Performance Index)*** | | | |  |  | | |  | 0.83 | | |
|  |  | | |  |  | | |  | (Planned/Actual) | | |
| ***% Reused*** | 0 | | |  | 0 | | |  | 2 | | |
| ***% New Reusable*** | 36 | | |  | 30.8 | | |  | 40.8 | | |
|  |  | | |  |  | | |  |  | | |
| **Program Size** | **Plan** | | |  | **Actual** | | |  | **To Date** | | |
| Base (B) | 0 | | |  | 0 | | |  |  | | |
|  | (Measured) | | |  | (Measured) | | |  |  | | |
| Deleted (D) | 0 | | |  | 0 | | |  |  | | |
|  | (Estimated) | | |  | (Counted) | | |  |  | | |
| Modified (M) | 0 | | |  | 0 | | |  |  | | |
|  | (Estimated) | | |  | (Counted) | | |  |  | | |
| Added (A) | 200 | | |  | 188 | | |  |  | | |
|  | (A+M − M) | | |  | (T − B + D − R) | | |  |  | | |
| Reused (R) | 0 | | |  | 0 | | |  | 101 | | |
|  | (Estimated) | | |  | (Counted) | | |  |  | | |
| Added and Modified (A+M) | 200 | | |  | 188 | | |  | 1203 | | |
|  | (Projected) | | |  | (A + M) | | |  |  | | |
| Total Size (T) | 200 | | |  | 188 | | |  | 1203 | | |
|  | (A+M + B − M − D + R) | | |  | (Measured) | | |  |  | | |
| Total New Reusable | 72 | | |  | 58 | | |  | 322 | | |
|  |  | | |  |  | | |  |  | | |
| Estimated Proxy Size (E) | 220 | | |  |  | | |  |  | | |
|  |  | | |  |  | | |  |  | | |
| **Time in Phase (min.)** | **Plan** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 30 |  | 40 | | |  | 158 | | |  | 8.04 |
| Design | 30 |  | 40 | | |  | 152 | | |  | 7.74 |
| Code | 250 |  | 295 | | |  | 989 | | |  | 50.36 |
| Compile | 25 |  | 20 | | |  | 105 | | |  | 5.35 |
| Test | 20 |  | 25 | | |  | 133 | | |  | 3.77 |
| Postmortem | 80 |  | 120 | | |  | 427 | | |  | 21.74 |
| Total | 435 |  | 540 | | |  | 1964 | | |  | 100 |
|  |  | | |  |  | | |  |  | | |

**(continued)**

**PSP1.1 Project Plan Summary (continued)**

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| Student | John Dany Osorio Ramos | Program # | 05 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 0 | | |  | 0 | | |  | 0 |
| Code |  |  | 4 | | |  | 11 | | |  | 100 |
| Compile |  |  | 0 | | |  | 0 | | |  | 0 |
| Test |  |  | 0 | | |  | 0 | | |  | 0 |
| Total Development |  |  | 4 | | |  | 11 | | |  |  |
|  |  | | |  |  | | |  |  | | |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 0 | | |  | 0 | | |  | 0 |
| Code |  |  | 2 | | |  | 9 | | |  | 81.8 |
| Compile |  |  | 0 | | |  | 0 | | |  | 0 |
| Test |  |  | 2 | | |  | 2 | | |  | 18.2 |
| Total Development |  |  | 4 | | |  | 11 | | |  | 100 |
| After Development |  |  | 0 | | |  | 0 | | |  |  |