**PSP2 Project Plan Summary**

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| Student | John Dany Osorio Ramos | Date | 03/03/2015 |
| Program | Conceptos avanzados de software | Program # | 06 |
| Instructor | Luis Daniel Benavides | Language | Java |

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| **Summary** | **Plan** | | |  | **Actual** | | |  | **To Date** | | |
| Size/Hour | 230/5 | | |  | 188/10.3 | | |  | 977/33.7 | | |
| ***Planned Time*** | 5 | | |  |  | | |  | 32.08 | | |
| ***Actual Time*** |  | | |  | 10.33 | | |  | 43.2 | | |
| ***CPI (Cost-Performance Index)*** | | | |  |  | | |  | 0.48 | | |
|  |  | | |  |  | | |  | (Planned/Actual) | | |
| ***% Reused*** | 20 | | |  | 24 | | |  | 40.2 | | |
| ***% New Reusable*** | 40 | | |  | 30.8 | | |  | 40.8 | | |
|  |  | | |  |  | | |  |  | | |
| **Program Size** | **Plan** | | |  | **Actual** | | |  | **To Date** | | |
| Base (B) | 58 | | |  | 58 | | |  |  | | |
|  | (Measured) | | |  | (Measured) | | |  |  | | |
| Deleted (D) | 0 | | |  | 0 | | |  |  | | |
|  | (Estimated) | | |  | (Counted) | | |  |  | | |
| Modified (M) | 0 | | |  | 0 | | |  |  | | |
|  | (Estimated) | | |  | (Counted) | | |  |  | | |
| Added (A) | 176 | | |  | 172 | | |  |  | | |
|  | (A+M − M) | | |  | (T − B + D − R) | | |  |  | | |
| Reused (R) | 54 | | |  | 0 | | |  | 155 | | |
|  | (Estimated) | | |  | (Counted) | | |  |  | | |
| Added and Modified (A+M) | 230 | | |  | 219 | | |  | 1422 | | |
|  | (Projected) | | |  | (A + M) | | |  |  | | |
| Total Size (T) | 230 | | |  | 219 | | |  | 1422 | | |
|  | (A+M + B − M − D + R) | | |  | (Measured) | | |  |  | | |
| Total New Reusable | 84 | | |  | 58 | | |  | 380 | | |
|  |  | | |  |  | | |  |  | | |
| Estimated Proxy Size (E) | 230 | | |  |  | | |  |  | | |
|  |  | | |  |  | | |  |  | | |
| **Time in Phase (min.)** | **Plan** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 25 |  | 25 | | |  | 158 | | |  | 7.08 |
| Design | 20 |  | 20 | | |  | 152 | | |  | 6.66 |
| Code | 160 |  | 430 | | |  | 989 | | |  | 54.91 |
| Compile | 25 |  | 25 | | |  | 105 | | |  | 5.03 |
| Test | 10 |  | 20 | | |  | 133 | | |  | 5.92 |
| Postmortem | 60 |  | 100 | | |  | 427 | | |  | 20.39 |
| Total | 300 |  | 620 | | |  | 1964 | | |  | 100 |
|  |  | | |  |  | | |  |  | | |

**(continued)**

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

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| Student | John Dany Osorio Ramos | Program # | 06 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 0 | | |  | 0 | | |  | 0 |
| Code |  |  | 1 | | |  | 12 | | |  | 100 |
| Compile |  |  | 0 | | |  | 0 | | |  | 0 |
| Test |  |  | 0 | | |  | 0 | | |  | 0 |
| Total Development |  |  | 1 | | |  | 12 | | |  |  |
|  |  | | |  |  | | |  |  | | |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 0 | | |  | 0 | | |  | 0 |
| Code |  |  | 1 | | |  | 1 | | |  | 100 |
| Compile |  |  | 0 | | |  | 0 | | |  | 0 |
| Test |  |  | 0 | | |  | 0 | | |  | 0 |
| Total Development |  |  | 1 | | |  | 12 | | |  | 100 |
| After Development |  |  | 0 | | |  | 0 | | |  |  |