**PSP1 Project Plan Summary**

|  |  |  |  |
| --- | --- | --- | --- |
| Student | John Dany Osorio Ramos | Date | 08/02/2015 |
| Program | Conceptos avanzados de software | Program # | 03 |
| Instructor | Luis Daniel Benavides | Language | Java |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Summary*** | ***Plan*** | | |  | ***Actual*** | | |  | ***To Date*** | | |
| ***Size/Hour*** | 12 | | |  | 8.8 | | |  | 17.4 | | |
|  |  | | |  |  | | |  |  | | |
| **Program Size** | ***Plan*** | | |  | **Actual** | | |  | **To Date** | | |
| Base (B) | 60 | | |  | 72 | | |  |  | | |
|  | ***(Measured)*** | | |  | (Measured) | | |  |  | | |
| Deleted (D) | ***0*** | | |  | 0 | | |  |  | | |
|  | ***(Estimated)*** | | |  | (Counted) | | |  |  | | |
| Modified (M) | ***0*** | | |  | 0 | | |  |  | | |
|  | ***(Estimated)*** | | |  | (Counted) | | |  |  | | |
| Added (A) | ***60*** | | |  | 78 | | |  |  | | |
|  | ***(A+M − M)*** | | |  | (T − B + D − R) | | |  |  | | |
| Reused (R) | ***5*** | | |  | 5 | | |  | 5 | | |
|  | ***(Estimated)*** | | |  | (Counted) | | |  |  | | |
| Added and Modified (A+M) | ***60*** | | |  | 150 | | |  | 150 | | |
|  | ***(Projected)*** | | |  | (A + M) | | |  |  | | |
| Total Size (T) | ***65*** | | |  | 83 | | |  | 83 | | |
|  | ***(A+M + B − M − D + R)*** | | |  | (Measured) | | |  |  | | |
| Total New Reusable | 125 | | |  | 109 | | |  | 181 | | |
|  |  | | |  |  | | |  |  | | |
| ***Estimated Proxy Size (E)*** |  | | |  |  | | |  |  | | |
|  |  | | |  |  | | |  |  | | |
| **Time in Phase (min.)** | **Plan** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 30 |  | 38 | | |  | 98 | | |  | 9.38 |
| Design | 20 |  | 22 | | |  | 92 | | |  | 8.81 |
| Code | 250 |  | 319 | | |  | 519 | | |  | 49.71 |
| Compile | 15 |  | 20 | | |  | 65 | | |  | 6.22 |
| Test | 40 |  | 33 | | |  | 83 | | |  | 7.95 |
| Postmortem | 90 |  | 97 | | |  | 187 | | |  | 17.9 |
| Total | 445 |  | 529 | | |  | 1044 | | |  | 100 |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 2 | | |  | 5 | | |  | 100 |
| Code |  |  | 0 | | |  | 0 | | |  | 0 |
| Compile |  |  | 0 | | |  | 0 | | |  | 0 |
| Test |  |  | 0 | | |  | 0 | | |  | 0 |
| Total Development |  |  | 2 | | |  | 5 | | |  | 100 |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 0 | | |  | 0 | | |  | 0 |
| Code |  |  | 2 | | |  | 5 | | |  | 100 |
| Compile |  |  | 0 | | |  | 0 | | |  | 0 |
| Test |  |  | 0 | | |  | 0 | | |  | 0 |
| Total Development |  |  | 2 | | |  | 5 | | |  | 100 |
| After Development |  |  | 0 | | |  | 0 | | |  |  |