PSP0.1 Project Plan Summary

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| --- | --- | --- | --- |
| Student | Bianeiry Almaraz Arenas | Date | 20-06-2022 |
| Program | Program 02 | Program # | 2 |
| Instructor | MISG | Language | C++ |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Program Size*** | ***Plan*** | | |  | ***Actual*** | | |  | ***To Date*** | | |
| ***Base (B)*** |  | | |  | 0 | | |  |  | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Deleted (D)*** |  | | |  | 0 | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Modified (M)*** |  | | |  | 0 | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Added (A)*** |  | | |  | 260 | | |  |  | | |
|  |  | | |  | ***(T  B + D  R)*** | | |  |  | | |
| ***Reused (R)*** |  | | |  | 0 | | |  | 0 | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Added and Modified (A+M)*** | 250 | | |  | 260 | | |  | 260 | | |
|  |  | | |  | ***(A + M)*** | | |  |  | | |
| ***Total Size (T)*** |  | | |  | 260 | | |  | 260 | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Total New Reusable*** |  | | |  | 0 | | |  | 0 | | |
|  |  | | |  |  | | |  |  | | |
| **Time in Phase (min.)** | ***Plan*** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 12.37 |  | 15 | | |  | 25 | | |  | 4.23 |
| Design | 61.88 |  | 70 | | |  | 120 | | |  | 20.33 |
| Code | 105.22 |  | 205 | | |  | 290 | | |  | 49.15 |
| Compile | 24.75 |  | 45 | | |  | 65 | | |  | 11.01 |
| Test | 43.3 |  | 15 | | |  | 50 | | |  | 8.47 |
| Postmortem | 12.37 |  | 30 | | |  | 40 | | |  | 6.77 |
| Total | 260 |  | 380 | | |  | 590 | | |  | 100 |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 1 | | |  | 1 | | |  | 12.5 |
| Code |  |  | 7 | | |  | 7 | | |  | 87.5 |
| Compile |  |  | 0 | | |  | 0 | | |  | 0 |
| Test |  |  | 0 | | |  | 0 | | |  | 0 |
| Total Development |  |  | 8 | | |  | 8 | | |  | 100 |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 0 | | |  | 0 | | |  | 0 |
| Design |  |  | 0 | | |  | 0 | | |  | 0 |
| Code |  |  | 0 | | |  | 0 | | |  | 0 |
| Compile |  |  | 6 | | |  | 6 | | |  | 75 |
| Test |  |  | 2 | | |  | 2 | | |  | 25 |
| Total Development |  |  | 8 | | |  | 8 | | |  | 100 |
| After Development |  |  |  | | |  |  | | |  |  |

|  |  |  |
| --- | --- | --- |
| PSP0.1 Plan Summary Instructions | |  |
| Purpose | To hold the plan and actual data for programs or program parts | |
| General | * ***Use the most appropriate size measure, either LOC or element count.*** * “To Date” is the total actual to-date values for all products developed. | |
| Header | * Enter your name and the date. * Enter the program name and number. * Enter the instructor’s name and the programming language you are using. | |
| *Program Size* | * ***Enter the plan added and modified size value (A+M).*** * ***Enter actual base, deleted, modified, reused, total, and new reusable size.*** * ***Calculate actual added size as T-B+D-R and actual added and modified size as A+M.*** * ***Enter to-date reused, added and modified, total, and new reusable size.*** | |
| Time in Phase | * Enter the estimated total development time. * ***Distribute the estimated total time across the development phases according to the To Date % for the most recently developed program.*** * Enter the actual time by phase and the total time. * To Date: Enter the sum of the actual times for this program plus the to-date times from the most recently developed program. * To Date %: Enter the percentage of to-date time in each phase. | |
| Defects Injected | * Enter the actual defects by phase and the total actual defects. * To Date: Enter the sum of the actual defects injected by phase and the to-date values for the most recent previously developed program. * To Date %: Enter the percentage of the to-date defects injected by phase. | |
| Defects Removed | * To Date: enter the actual defects removed by phase plus the to-date values for the most recent previously developed program. * To Date %: Enter the percentage of the to-date defects removed by phase. * After development, record any defects subsequently found during program testing, use, reuse, or modification. | |