**SERGIO ESTEBAN FORERO PINZÓN PERSONAL SOFTWARE PROCESS: TRABAJO 2**

**PROJECT PLAN SUMMARY**

|  |  |  |  |
| --- | --- | --- | --- |
| Student | Sergio Esteban Forero | Date | 4/2/2015 |
| Program |  | Program # | 2 |
| Instructor | Luis Daniel Benavides | Language | Java |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Program Size*** | ***Plan*** | | |  | ***Actual*** | | |  | ***To Date*** | | |
| ***Base (B)*** |  | | |  | 159 | | |  |  | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Deleted (D)*** |  | | |  | 30 | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Modified (M)*** |  | | |  | 20 | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Added (A)*** |  | | |  | 10 | | |  |  | | |
|  |  | | |  | ***(T − B + D − R)*** | | |  |  | | |
| ***Reused (R)*** |  | | |  | 0 | | |  | 0 | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Added and Modified (A+M)*** | 40 | | |  | 30 | | |  | 30 | | |
|  |  | | |  | ***(A + M)*** | | |  |  | | |
| ***Total Size (T)*** |  | | |  | 169 | | |  | 169 | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Total New Reusable*** |  | | |  | 0 | | |  | 0 | | |
|  |  | | |  |  | | |  |  | | |
| **Time in Phase (min.)** | ***Plan*** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 30 | | |  | 36 | | |  | 6,7% |
| Design |  |  | 30 | | |  | 43 | | |  | 8,1% |
| Code |  |  | 275 | | |  | 326 | | |  | 61% |
| Compile |  |  | 26 | | |  | 31 | | |  | 5,9% |
| Test |  |  | 19 | | |  | 30 | | |  | 5,7% |
| Postmortem |  |  | 72 | | |  | 72 | | |  | 13% |
| Total | 450 |  | 452 | | |  | 530 | | |  | 100% |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  |  | | |  |  | | |  |  |
| Design |  |  |  | | |  |  | | |  |  |
| Code |  |  | 3 | | |  | 4 | | |  | 67% |
| Compile |  |  | 1 | | |  | 1 | | |  | 16% |
| Test |  |  | 1 | | |  | 1 | | |  | 16% |
| Total Development |  |  | 5 | | |  | 6 | | |  | 100% |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  |  | | |  |  | | |  |  |
| Design |  |  |  | | |  |  | | |  |  |
| Code |  |  | 3 | | |  | 4 | | |  | 67% |
| Compile |  |  | 1 | | |  | 1 | | |  | 16% |
| Test |  |  | 1 | | |  | 1 | | |  | 16% |
| Total Development |  |  | 5 | | |  | 6 | | |  | 100% |
| After Development |  |  |  | | |  |  | | |  |  |

**ESTANDAR DE CONTEO**

|  |  |  |  |
| --- | --- | --- | --- |
| Definition Name: | Contador Lineas Codigo | Language: | Java |
| Author: | Sergio Forero | Date: | 4/2/2015 |

|  |  |  |
| --- | --- | --- |
| **Count Type** | **Type** | **Comments** |
| Physical/Logical | Logicas |  |
| **Statement Type** | **Included** | **Comments** |
| Executable | si |  |
| Nonexecutable: |  |  |
| Declarations | si |  |
| Compiler Directives | si |  |
| Comments | no |  |
| Blank lines | no |  |
| Other elements |  |  |
|  |  |  |
| **Clarifications** |  | **Examples/Cases** |
| No se contaron las líneas que estuvieran vacias |  | Empty o == null |
| No se contaron las líneas que fueran comentarios |  | (“/\* || \* || //”) |
|  |  |  |
|  |  |  |
|  |  |  |
| Note  Se contaron todas las líneas lógicas incluyendo, imports, métodos, geters setters. |  | También se cuentan líneas solo con estos símbolos “ (, ), {, }” |

PSP TIME RECORDING LOG

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project** | **Phase** | **Start Date and time** | **Int Time** | **Stop Date and time** | **Delta time** | **Comments** |
| PSP0.1 | Planning | 10:40 | 30 | 11:10 | 0 |  |
| PSP0.1 | Design | 11:10 | 30 | 11:45 | 5 |  |
| PSP0.1 | Code | 12:00 | 90 | 1:30 | 0 |  |
| PSP0.1 | Compile | 1:30 | 26 | 2:00 | 4 |  |
| PSP0.1 | Code | 9:00 | 185 | 12:09 | 2 |  |
| PSP0.1 | test | 12:09 | 19 | 12:28 | 0 |  |
| PSP0.1 | Posmorten | 12:28 | 72 | 1:45 | 5 |  |
|  |  |  | 452 |  |  |  |

PSP DEFECT RECORDING LOG

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Project | Date | Number | Type | Inject | Remove | Fix time | Fix Ref |
| PSP0.1 | 2/4/2015 | 1 | 70 | Code | Code | 9:18 | 9:20 |
| PSP0.1 | 2/4/2015 | 2 | 70 | Code | Code | 9:18 | 9:32 |
| PSP0.1 | 2/4/2015 | 3 | 70 | Code | Code | 10:22 | 10:40 |
| PSP0.1 | 2/4/2015 | 4 | 40 | Compile | Compile | 1:25 | 1:25 |
| PSP0.1 | 2/4/2015 | 5 | 40 | Test | Test | 12:18 | 12:19 |

**PRUEBAS REALIZADAS**

Prueba No 1:

