**PSP1 Project Plan Summary**

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| Student | Wilman Rincon | Date | 09/02/2015 |
| Program | 3 | Program # | 3 |
| Instructor | Luis Daniel Benavides | Language | Java |

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| ***Summary*** | ***Plan*** | | |  | ***Actual*** | | |  | ***To Date*** | | |
| ***Size/Hour*** |  | | |  |  | | |  |  | | |
|  |  | | |  |  | | |  |  | | |
| **Program Size** | ***Plan*** | | |  | **Actual** | | |  | **To Date** | | |
| Base (B) | 0 | | |  |  | | |  |  | | |
|  | ***(Measured)*** | | |  | (Measured) | | |  |  | | |
| Deleted (D) | ***0*** | | |  |  | | |  |  | | |
|  | ***(Estimated)*** | | |  | (Counted) | | |  |  | | |
| Modified (M) | ***0*** | | |  |  | | |  |  | | |
|  | ***(Estimated)*** | | |  | (Counted) | | |  |  | | |
| Added (A) | ***86*** | | |  | 86 | | |  |  | | |
|  | ***(A+M − M)*** | | |  | (T − B + D − R) | | |  |  | | |
| Reused (R) | ***20*** | | |  | 20 | | |  | 20 | | |
|  | ***(Estimated)*** | | |  | (Counted) | | |  |  | | |
| Added and Modified (A+M) | ***86*** | | |  | 106 | | |  | 196 | | |
|  | ***(Projected)*** | | |  | (A + M) | | |  |  | | |
| Total Size (T) | ***106*** | | |  | 106 | | |  | 106 | | |
|  | ***(A+M + B − M − D + R)*** | | |  | (Measured) | | |  |  | | |
| Total New Reusable | 106 | | |  | 106 | | |  | 106 | | |
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| ***Estimated Proxy Size (E)*** |  | | |  |  | | |  |  | | |
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| **Time in Phase (min.)** | **Plan** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  | 14 | | |  |  | | |  |  |
| Design |  |  | 20 | | |  |  | | |  |  |
| Code |  |  | 50 | | |  |  | | |  |  |
| Compile |  |  | 0 | | |  |  | | |  |  |
| Test |  |  | 18 | | |  |  | | |  |  |
| Postmortem |  |  | 50 | | |  |  | | |  |  |
| Total |  |  | 152 | | |  |  | | |  |  |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  |  | | |  |  | | |  |  |
| Design |  |  |  | | |  |  | | |  |  |
| Code |  |  |  | | |  |  | | |  |  |
| Compile |  |  |  | | |  |  | | |  |  |
| Test |  |  |  | | |  |  | | |  |  |
| Total Development |  |  |  | | |  |  | | |  |  |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  |  | | |  |  | | |  |  |
| Design |  |  |  | | |  |  | | |  |  |
| Code |  |  |  | | |  |  | | |  |  |
| Compile |  |  |  | | |  |  | | |  |  |
| Test |  |  |  | | |  |  | | |  |  |
| Total Development |  |  |  | | |  |  | | |  |  |
| After Development |  |  |  | | |  |  | | |  |  |

PSP Time Recording Log

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| Student | Wilman Rincon | Date | 09/02/2015 |
| Program | 3 | Program # | 3 |
| Instructor | Luis Daniel Benavides | Language | java |

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| **Project** | **Phase** | **Start Date and Time** | **Int. Time** | **Stop Date and Time** | **Delta**  **Time** | **Comments** |
| 3 | Planing | 18:00 | 18:14 | 0 | 14 |  |
| 3 | Design | 18:30 | 18:50 | 0 | 20 |  |
| 3 | Code | 20:00 | 20:50 | 0 | 50 |  |
| 3 | Test | 21:00 | 21:15 | 3 | 18 |  |
| 3 | PostMortem | 21:20 | 22:00 | 10 | 50 |  |
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PSP Defect Recording Log

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| Defect Types |  |
| 10 Documentation | 60 Checking |
| 20 Syntax | 70 Data |
| 30 Build, Package | 80 Function |
| 40 Assignment | 90 System |
| 50 Interface | 100 Environment |

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| Student | Wilman Rincon | Date | 09/02/2015 |
| Program | 3 | Program # | 3 |
| Instructor | Luis Daniel Benavides | Language | Java |

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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
| 3 |  | | 9/2 |  | 1 |  | 80 |  | Code |  | Test |  | 1 |  |  |
| Description: | | | En el metodo ConsoleInput de la clase App, estaba calculando primero el B0 y después el | | | | | | | | | | | | | |
| B1, proceso que esta mal debido que para calcular el B0 antes toca calcular el B1. | | | | | | | | | | | | | | | | |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
| 3 |  | | 972 |  | 2 |  | 80 |  | Code |  | Test |  | 2 |  |  |
| Description: | | | En el metodo CalcularRxy de la clase CalcularDatos, tenia mal la formula para calcular | | | | | | | | | | | | | |
| Ese valor, ya que no estaba multiplicando por la cantidad de datos. | | | | | | | | | | | | | | | | |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
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| Description: | | |  | | | | | | | | | | | | | |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
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| Description: | | |  | | | | | | | | | | | | | |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
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| Description: | | |  | | | | | | | | | | | | | |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
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| Description: | | |  | | | | | | | | | | | | | |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
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| Description: | | |  | | | | | | | | | | | | | |
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Test Report Template

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| Student |  | Date |  |
| Program |  | Program # |  |
| Instructor |  | Language |  |

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| Test Name/Number |  |
| Test Objective |  |
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| Test Description |  |
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| Test Conditions |  |
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| Expected Results |  |
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| Actual Results |  |
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| Test Name/Number |  |
| Test Objective |  |
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| Test Description |  |
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| Test Conditions |  |
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| Expected Results |  |
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| Actual Results |  |
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Size Estimating Template

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| --- | --- | --- | --- |
| Student |  | Date |  |
| Program |  | Program # |  |
| Instructor |  | Language |  |
| Size Measure |  |  |  |

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|  |  | Estimated | | | | | | | | | | | |
| Base Parts |  | Base | |  | Deleted | |  | Modified | | |  | Added | |
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| Total | B | |  | D | |  | M | |  | **BA** | | |  |

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|  |  | Actual | | | | | | | | | | |
| Base Parts |  | Base | |  | Deleted | |  | Modified | |  | Added | |
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| Total |  | |  |  | |  |  | |  |  | |  |

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|  |  | Estimated | | | | | | | |  | Actual | | |
| Parts Additions |  | Type |  | Items |  | Rel. Size | |  | Size\* |  | Size\* |  | Items |
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| Total |  |  |  |  |  |  | PA | |  |  |  |  |  |

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|  | |  | Estimated |  | Actual |
| Reused Parts | |  | Size |  | Size |
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| Total | R | |  |  |  |

Size Estimating Template (continued)

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| Student |  | Program |  |

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| PROBE Calculation Worksheet (Added and Modified) |  | Size |  | Time |
| Added size (A): A = BA+PA |  |  |  |  |
| Estimated Proxy Size (E): E = BA+PA+M |  |  |  |  |
| PROBE estimating basis used: (A, B, C, or D) |  |  |  |  |
| Correlation: (R2) |  |  |  |  |
| Regression Parameters: β0 Size and Time |  |  |  |  |
| Regression Parameters: β1 Size and Time |  |  |  |  |
| Projected Added and Modified Size (P): P = β0size + β1size\*E |  |  |  |  |
| Estimated Total Size (T): T = P + B - D - M + R |  |  |  |  |
| Estimated Total New Reusable (NR): sum of \* items |  |  |  |  |
| Estimated Total Development Time: Time = β0time + β1time\*E |  |  |  |  |
| Prediction Range: Range |  |  |  |  |
| Upper Prediction Interval: UPI = P + Range |  |  |  |  |
| Lower Prediction Interval: LPI = P - Range |  |  |  |  |
| Prediction Interval Percent: |  |  |  |  |

PSP Process Improvement Proposal (PIP)

|  |  |  |  |
| --- | --- | --- | --- |
| Student | Wilman Rincon | Date | 09/02/2015 |
| Program | 3 | Program # | 3 |
| Instructor | Luis Daniel Benavides | Language | Java |

|  |
| --- |
| Problem Description |
| Briefly describe the problems that you encountered. |
| Para este ejercicio se me dificulto al principio el calculo de los valores, ya que los trataba de calcular |
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| Proposal Description |
| Briefly describe the process improvements that you propose. |
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| Other Notes and Comments |
| Note any other comments or observations that describe your experiences or improvement ideas. |
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