**Size Estimating Template**

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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 |
| Size Measure |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Estimated** | | | | | | | | | | | |
| **Base Parts** |  | **Base** | |  | **Deleted** | |  | **Modified** | | |  | **Added** | |
|  |  |  | |  |  | |  |  | | |  |  | |
| CalculadorIntegralNumerica |  | 58 | |  | 0 | |  | 0 | | |  | 30 | |
|  |  |  | |  |  | |  |  | | |  |  | |
|  |  |  | |  |  | |  |  | | |  |  | |
| **Total** | **B** | | 58 | **D** | | 0 | **M** | | 0 | **BA** | | | 30 |

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|  |  | **Actual** | | | | | | | | | | |
| **Base Parts** |  | **Base** | |  | **Deleted** | |  | **Modified** | |  | **Added** | |
|  |  |  | |  |  | |  |  | |  |  | |
| CalculadorIntegralNumerica |  | 58 | |  | 0 | |  | 0 | |  | 28 | |
|  |  |  | |  |  | |  |  | |  |  | |
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| **Total** |  | | 58 |  | | 0 |  | | 0 |  | | 28 |

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|  |  | **Estimated** | | | | | | | |  | **Actual** | | |
| **Parts Additions** |  | **Type** |  | **Items** |  | **Rel. Size** | |  | **Size\*** |  | **Size\*** |  | **Items** |
| VistaWeb |  | Vistas |  | 4 |  | VL | |  | 70 |  | 75 |  | 4 |
| VistaConsola |  | Vistas |  | 1 |  | VS | |  | 3 |  | 3 |  | 1 |
| ControladorIntegralNumerica |  | Control |  | 5 |  | L | |  | 50 |  | 53 |  | 5 |
|  |  |  |  |  |  |  | |  |  |  |  |  |  |
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| **Total** |  |  |  |  |  |  | **PA** | | 123 |  | 131 |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | |  | **Estimated** |  | **Actual** |
| **Reused Parts** | |  | **Size** |  | **Size** |
|  | |  |  |  |  |
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|  | |  |  |  |  |
| **Total** | **R** | | 0 |  | 0 |

**(continued)**

**Size Estimating Template (continued)**

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

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| **PROBE Calculation Worksheet (Added and Modified)** |  | Size |  | Time |
| Added size (A): A = BA+PA |  | 161 |  |  |
| Estimated Proxy Size (E): E = BA+PA+M |  | 161 |  |  |
| PROBE estimating basis used: (A, B, C, or D) |  | C |  | C |
| Correlation: (R2) |  |  |  |  |
| Regression Parameters: β0 Size and Time |  | 0 |  | 0 |
| Regression Parameters: β1 Size and Time |  | 0.9 |  | 2.8 |
| Projected Added and Modified Size (P): P = β0size + β1size\*E |  | 144.9 |  |  |
| Estimated Total Size (T): T = P + B - D - M + R |  | 161 |  |  |
| Estimated Total New Reusable (NR): sum of \* items |  | 86 |  |  |
| Estimated Total Development Time: Time = β0time + β1time\*E |  |  |  | 450.9 |
| Prediction Range: Range |  |  |  |  |
| Upper Prediction Interval: UPI = P + Range |  |  |  |  |
| Lower Prediction Interval: LPI = P - Range |  |  |  |  |
| Prediction Interval Percent: |  |  |  |  |