**Size Estimating Template**

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Estimated** | | | | | | | | | | | |
| **Base Parts** |  | **Base** | |  | **Deleted** | |  | **Modified** | | |  | **Added** | |
| Fuente |  |  | |  |  | |  |  | | |  | 25 | |
|  |  |  | |  |  | |  |  | | |  |  | |
|  |  |  | |  |  | |  |  | | |  |  | |
|  |  |  | |  |  | |  |  | | |  |  | |
| **Total** | **B** | | 0 | **D** | | 0 | **M** | | 0 | **BA** | | | 25 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Actual** | | | | | | | | | | |
| **Base Parts** |  | **Base** | |  | **Deleted** | |  | **Modified** | |  | **Added** | |
|  |  |  | |  |  | |  |  | |  |  | |
| Fuente |  | 0 | |  | 0 | |  | 0 | |  | 34 | |
|  |  |  | |  |  | |  |  | |  |  | |
|  |  |  | |  |  | |  |  | |  |  | |
| **Total** |  | | 0 |  | | 0 |  | | 0 |  | | 34 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Estimated** | | | | | | | |  | **Actual** | | |
| **Parts Additions** |  | **Type** |  | **Items** |  | **Rel. Size** | |  | **Size\*** |  | **Size\*** |  | **Items** |
| PuntoDosDimensiones |  | Datos |  | 2 |  | VS | |  | 8 |  | 8 |  | 2 |
| ResultadoRegrecionCorrelacion |  | Datos |  | 12 |  | VS | |  | 36 |  | 39 |  | 14 |
| VistaConsola |  | Vistas |  | 1 |  | VS | |  | 4 |  | 3 |  | 1 |
| VistaWeb |  | Vistas |  | 4 |  | M | |  | 15 |  | 60 |  | 88 |
| CalcularRegresionYCorrelacion |  | Calculos |  | 1 |  | L | |  |  |  | 50 |  | 1 |
| App |  | Logica |  | 5 |  | S | |  | 10 |  | 75 |  | 5 |
|  |  |  |  |  |  |  | |  |  |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | **PA** | | 73 |  | 235 |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | |  | **Estimated** |  | **Actual** |
| **Reused Parts** | |  | **Size** |  | **Size** |
| Fuente | |  | 8 |  | 7 |
|  | |  |  |  |  |
|  | |  |  |  |  |
|  | |  |  |  |  |
|  | |  |  |  |  |
|  | |  |  |  |  |
|  | |  |  |  |  |
| **Total** | **R** | | 8 |  | 7 |

**(continued)**

**Size Estimating Template (continued)**

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| --- | --- | --- | --- |
| Student | John Dany Osorio Ramos | Program | 03 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PROBE Calculation Worksheet (Added and Modified)** |  | Size |  | Time |
| Added size (A): A = BA+PA |  | 98 |  |  |
| Estimated Proxy Size (E): E = BA+PA+M |  | 98 |  |  |
| PROBE estimating basis used: (A, B, C, or D) |  | C |  |  |
| Correlation: (R2) |  | 0.994 |  |  |
| Regression Parameters: β0 Size and Time |  | -7.355 |  |  |
| Regression Parameters: β1 Size and Time |  | 1.288 |  |  |
| 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: |  |  |  |  |