Size Estimating Template

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| --- | --- | --- | --- |
| Student | SEBASTIAN CARDONA CORREA | Date | 22 – 02 – 2015 |
| Program | PSP 2.0 | Program # | 5 |
| Instructor | LUIS DANIEL BENAVIDES NAVARRO | Language | JAVA |
| Size Measure |  |  |  |

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Actual | | | | | | | | | | |
| Base Parts |  | Base | |  | Deleted | |  | Modified | |  | Added | |
|  | 0 | 0 | |  | 0 | |  | 0 | |  | 0 | |
|  |  |  | |  |  | |  |  | |  |  | |
|  |  |  | |  |  | |  |  | |  |  | |
|  |  |  | |  |  | |  |  | |  |  | |
| Total |  | | 0 |  | | 0 |  | | 0 |  | | 0 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Estimated | | | | | | | |  | Actual | | |
| Parts Additions |  | Type |  | Items |  | Rel. Size | |  | Size\* |  | Size\* |  | Items |
| Main |  | Contr |  | 1 |  | M | |  | 40 |  | 62 |  | 1 |
| Calculos |  | Logica |  | 1 |  | L | |  | 160 |  | 99 |  | 1 |
| MainView |  | View |  | 1 |  | M | |  | 40 |  | 47 |  | 1 |
| MainConsola |  | View |  | 1 |  | L | |  | 20 |  | 13 |  | 1 |
| Total |  |  |  |  |  |  | PA | | 260 |  | 221 |  |  |

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

**(continued)**

Size Estimating Template (continued)

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| Student | SEBASTIAN CARDONA CORREA | Program | PSP 2.0 |

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| **PROBE Calculation Worksheet (Added and Modified)** | Size | Time |
| Added size (A): A = BA+PA | 260 |  |
| Estimated Proxy Size (E): E = BA+PA+M | 260 |  |
| PROBE estimating basis used: (A, B, C, or D) | C | C |
| Correlation: (R2) | NA | NA |
| Regression Parameters: 0 Size and Time | 0 | 0 |
| Regression Parameters: 1 Size and Time | 0,4877319 | 0,673951 |
| Projected Added and Modified Size (P): P = 0size + 1size\*E | 126,8102932 |  |
| Estimated Total Size (T): T = P + B - D - M + R | 225,8102932 |  |
| Estimated Total New Reusable (NR): sum of \* items | 4 |  |
| Estimated Total Development Time: Time = 0time + 1time\*E |  | 175,227142 |
| Prediction Range: Range | 158,0672 | 122,6589994 |
| Upper Prediction Interval: UPI = P + Range | 383,8775 | 297,8861415 |
| Lower Prediction Interval: LPI = P - Range | 67,74309 | 52,56814261 |
| Prediction Interval Percent: | 70% | 70% |