/Non Project/PSP for Engineers/Program 3

Size Estimating Template

Project Owner MITOME Shintaro Size Measure LOC **Estimated** Actual **BASE PARTS DELETED** MODIFIED ADDED BASE DELETED MODIFIED ADDED BASE 0 Prog1 17 15 30 0 0 0 Total: 97 17 15 30 0 0 0 0 **Estimated** Actual PARTS ADDITIONS ITEMS **TYPE** REL. SIZE SIZE ITEMS NR SIZE NR Program3 Logic V Small 11 FileReader I/O 21.6 **✓** Large **Total:** 32.6 0 **Estimated** Actual **REUSED PARTS** SIZE SIZE 0 Total: 0 0 Actual **TOTAL SIZE** SIZE **Actual Size of Finished Product:** SIZE TIME Added Size (A): A = BA + PA62.6 E = BA + PA + M77.6 Estimated Proxy Size (E): C2 PROBE estimating basis used: (A, B, C, or D) С Correlation: (r²) N/A N/A B_0 (size and time) 0 0 **Regression Parameters:** B₁ (size and time) 1.59 5.73 **Regression Parameters:** Projected Added and Modified Size (P): $P = B_{0size} + B_{1size} * E$ 123 T = P + B - D - M + R188 Estimated Total Size (T):

(sum of NR items)

UPI = P + Range

LPI = P - Range

Range

Time = $B_{0\text{time}} + B_{1\text{time}} * E$

Estimated Total New Reusable (NR):

Estimated Total Development Time:

Prediction Range:

Upper Prediction Interval:

Lower Prediction Interval:

Prediction Interval Percent:

21.6

N/A

N/A

N/A

N/A

7:25

N/A

N/A

N/A

N/A

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