|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PROBE Calculation Worksheet (Added and Modified) |  | Size |  | Time |
| Added size (A): A = BA+PA |  | 215+210 = 425 |  |  |
| Estimated Proxy Size (E): E = BA+PA+M |  | 215+210+5= 430 |  |  |
| PROBE estimating basis used: (A, B, C, or D) |  | A |  | A |
| Correlation: (R2) |  | 0.97 |  | 0.279 |
| Regression Parameters: β0 Size and Time |  | -48.4807 |  | 469.82 |
| Regression Parameters: β1 Size and Time |  | 0.6788 |  | -0.56 |
| Projected Added and Modified Size (P): P = β0size + β1size\*E |  | -48.4807 + 0.67 \* 430 = 239.6193 |  |  |
| Estimated Total Size (T): T = P + B - D - M + R |  | 239.61+49-3-3+176 = 458.61 |  |  |
| Estimated Total New Reusable (NR): sum of \* items |  | 50 |  |  |
| Estimated Total Development Time: Time = β0time + β1time\*E |  |  |  | -240.8 |
| Prediction Range: Range |  | 200 |  | -230 |
| Upper Prediction Interval: UPI = P + Range |  | 423 |  | 9.61 |
| Lower Prediction Interval: LPI = P - Range |  | 23 |  | 469.61 |
| Prediction Interval Percent: |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Program | Estimated Proxy Size ( E ) | Added Size(A) | Actual Development Time |
| 3 | 530 | 314 | 195 |
| 4 | 390 | 223 | 147 |
| 5 | 430 | 425 | 299 |
| 6 |  |  |  |
| 7 |  |  |  |