

Function Point Cost Analysis

Measurement Parameter	Count		Simple	
Number of user inputs	6	x	3	= 18
Number of user outputs	10	x	4	= 40
Number of user inquires	6	x	3	= 18
Number of files	1	x	7	= 7
Number of external interfaces	1	x	5	= 5
Total				= 88

<u>Factor</u>	<u>Value</u>
Backup & Recovery	4
Data communications	4
Distributed processing	0
Performance critical	2
Existing operating environment	1
On-line data entry	3
Input transaction over multiple screens	0
Master files updated on-line	2
Information domain values complex	2
Internal processing complex	1
Code designed for reuse	5
Conversion/installation in design	1
Multiple installations	0
Application designed for change	5
Complexity adjustment factor	1.17
ΣF_{15}	31.17

$$FP = TOTAL * (0.65 + 0.01 * \Sigma F_i) = 88 * (0.65 + 0.01 * 31.17) = 85$$

1. The organization produces on an average 6.5 FP per month
2. And labor costs is \$8000.0 per month

At \$8000 per month with 6.5 FP per month, then the cost per FP is \$(8000/6.5).

For 80 FP the project will cost \$(85*(8000/6.5)) = \$ 104,615.00.