

## Function Point Worksheet

Measurement parameter	Count		Weighting Factor			Choice		
			simple	average	complex			
# of user inputs	7	X	3	4	6	3	=	21
# of user outputs	8	X	4	5	7	4	=	32
# of user inquiries	2	X	3	4	6	3	=	6
# of files	1	X	7	10	15	7	=	7
# of external interfaces	1	X	5	7	10	5	=	5
Count-total (UFP)=								71

Rate each factor on a scale of 0 to 5:

0 - No Influence	1 - Incidental	2 - Moderate
3 - Average	4 - Significant	5 - Essential

1. Does the system require reliable backup and recovery?	3
2. Are data communications required?	2
3. Are there distributed processing functions?	1
4. Is performance critical?	4
5. Will the system run in an existing, heavily utilized operational environment?	3
6. Does the system require on-line data entry?	4
7. Does the on-line data entry require the input transaction to be built over multiple screens or operations?	2
8. Are the master files updated on-line?	2
9. Are the inputs, outputs, files, or inquiries complex?	1
10. Is the internal processing complex?	2
11. Is the code designed to be reusable?	2
12. Are conversion and installation included in the design?	1
13. Is the system designed for multiple installations in different organizations?	3
14. Is the application designed to facilitate change and ease of use by the user?	3
Total Complexity Adjustment Value =	33

$$\text{Product Complexity Adjustment (PC)} = \frac{.65 + .01 \cdot \text{CAV}}{1}$$

$$\text{Total Adjusted Function Point (FP)} = \text{UFP} \cdot \text{PC} = 69.58$$

$$\text{Language Factor (LF)} = 60$$

$$\text{Source Lines of Code (SLOC)} = \text{FP} \cdot \text{LF} = 4174.8$$

\* Check this reference <https://www.qsm.com/resources/function-point-languages-table>