

Consider a project with the following functional units:

30 simple user forms and 20 average complexity user inputs. 40 screen display. 20 simple inquires and 15 complex inquires. User files are: Customer information, daily transaction details and 4 more. Number of external interfaces=4.

Assuming all complexity adjustment factors as average.

Calculate the function point for the project.

Parameters	Count	Weighting Factors	Total
User inputs	30 (Simple) + 20 (Medium)	3 and 4	$(3 \times 30) + (4 \times 20) = 170$
Outputs	40	5	$5 \times 40 = 200$
inquires	20 (simple) + 15 (Complex)	3 and 6	$20 \times 3 + 15 \times 6 = 150$
Internal Files	6	10	$6 \times 10 = 60$
External Files	4	10	$4 \times 10 = 40$

$$\text{UFP} = 170 + 200 + 150 + 60 + 40 = 620 \text{ FP}$$

Considering avg values of technical parameters, DI = $14 \times 3 = 42$

$$\text{TCF} = 0.65 + (0.01 \times 42) = 1.07$$

$$\text{Finally FP} = \text{UFP} \times \text{TCF} = 620 \times 1.07 = 663.4 \text{ FP}$$