COCOMO II - Constructive Cost Model

Monte Carlo Risk [Off ⌄]
Auto Calculate [Off ⌄]

Software Size

Sizing Method [Function Points ⌄]

Unadjusted Function Points [58]   Language [Java ⌄]

Software Scale Drivers

Precedentedness	[Nominal ⌄]	Architecture / Risk Resolution	[Nominal ⌄]	Process Maturity	[Nominal ⌄]
Development Flexibility	[Very High ⌄]	Team Cohesion	[Very High ⌄]		

Software Cost Drivers

Product

Required Software Reliability	[Very High ⌄]			**Platform**	
		Personnel		Time Constraint	[High ⌄]
Data Base Size	[Nominal ⌄]	Analyst Capability	[Nominal ⌄]	Storage Constraint	[Nominal ⌄]
Product Complexity	[Nominal ⌄]	Programmer Capability	[High ⌄]	Platform Volatility	[Low ⌄]
Developed for Reusability	[Nominal ⌄]	Personnel Continuity	[Very High ⌄]		
Documentation Match to Lifecycle Needs	[Nominal ⌄]	Application Experience	[Nominal ⌄]	**Project**	
		Platform Experience	[Nominal ⌄]	Use of Software Tools	[High ⌄]
		Language and Toolset Experience	[Nominal ⌄]	Multisite Development	[Nominal ⌄]
				Required Development Schedule	[Nominal ⌄]

Maintenance [Off ⌄]

Software Labor Rates

Cost per Person-Month (Dollars) [2700]

[Calculate]

Results

Software Development (Elaboration and Construction)

Effort = 7.5 Person-months
Schedule = 6.9 Months
Cost = $20317

Total Equivalent Size = 3074 SLOC
Effort Adjustment Factor (EAF) = 0.78

Staffing Profile

Your project is too small to display a staffing profile due to truncation.

Acquisition Phase Distribution

Phase	Effort (Person-months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	0.5	0.9	0.5	$1219
Elaboration	1.8	2.6	0.7	$4876
Construction	5.7	4.3	1.3	$15442
Transition	0.9	0.9	1.1	$2438

Software Effort Distribution for RUP/MBASE (Person-Months)

Phase/Activity	Inception	Elaboration	Construction	Transition
Management	0.1	0.2	0.6	0.1
Environment/CM	0.0	0.1	0.3	0.0
Requirements	0.2	0.3	0.5	0.0
Design	0.1	0.7	0.9	0.0
Implementation	0.0	0.2	1.9	0.2
Assessment	0.0	0.2	1.4	0.2
Deployment	0.0	0.1	0.2	0.3

Your output file is at http://softwarecost.org/tools/COCOMO/data/COCOMO_February_16_2024_12_16_27_180099.txt

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