

COCOMO II - Constructive Cost Model

Monte Carlo Risk

Off

Auto Calculate

Off

Software Size

Sizing Method

Function Points

Unadjusted Function Points

59

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

Data Base Size

Nominal

Product Complexity

Nominal

Developed for Reusability

Nominal

Documentation Match to Lifecycle Needs

Nominal

Personnel

Analyst Capability

Nominal

Programmer Capability

High

Personnel Continuity

Very High

Application Experience

Nominal

Platform Experience

Nominal

Language and Toolset Experience

Nominal

Platform

Time Constraint

High

Storage Constraint

Nominal

Platform Volatility

Low

Project

Use of Software Tools

High

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)

Staffing Profile

Effort = 7.7 Person-months
Schedule = 6.9 Months
Cost = \$20688

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

Total Equivalent Size = 3127 SLOC
Effort Adjustment Factor (EAF) = 0.78

Acquisition Phase Distribution

| Phase | Effort (Person-months) | Schedule (Months) | Average Staff | Cost (Dollars) |
|--------------|------------------------|-------------------|---------------|----------------|
| Inception | 0.5 | 0.9 | 0.5 | \$1241 |
| Elaboration | 1.8 | 2.6 | 0.7 | \$4965 |
| Construction | 5.8 | 4.3 | 1.4 | \$15723 |
| Transition | 0.9 | 0.9 | 1.1 | \$2483 |

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 | 2.0 | 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_December_27_2023_19_17_27_422800.txt

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