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| LOC Estimation |
| Software Configuration Management |
|  |
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| **2/3/2015** |

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| The Document was created using the COCOMOII and COSYSMO algorithms written and automated by The University of Southern California and can be found at the link here: http://csse.usc.edu/tools/COCOMOII.php |

Top of Form

**Results**

Bottom of Form

**Systems Engineering**  
Effort =21.3 Person-months  
Schedule = 4.1 Months  
Cost = $0  
  
Total Size =86 Equivalent Nominal Requirements

**Acquisition Effort Distribution (Person-Months)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Phase / Activity | Conceptualize | Develop | Operational Test and Evaluation | Transition to Operation |
| Acquisition and Supply | 0.4 | 0.8 | 0.2 | 0.1 |
| Technical Management | 0.8 | 1.4 | 0.9 | 0.5 |
| System Design | 2.2 | 2.6 | 1.1 | 0.6 |
| Product Realization | 0.4 | 1.0 | 1.0 | 0.8 |
| Product Evaluation | 1.2 | 1.8 | 2.6 | 1.0 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Software Development (Elaboration and Construction)**  Effort = 3.2 Person-months Schedule = 7.0 Months Cost = $0  Total Equivalent Size = 1000 SLOC   **Acquisition Phase Distribution**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Phase | Effort (Person-months) | Schedule (Months) | Average Staff | Cost (Dollars) | | Inception | 0.2 | 0.9 | 0.2 | $0 | | Elaboration | 0.8 | 2.6 | 0.3 | $0 | | Construction | 2.5 | 4.4 | 0.6 | $0 | | Transition | 0.4 | 0.9 | 0.4 | $0 | | **Staffing Profile**  Your project is too small to display a staffing profile due to truncation. |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Phase/Activity | Inception | Elaboration | Construction | Transition |
| Management | 0.0 | 0.1 | 0.2 | 0.1 |
| Environment/CM | 0.0 | 0.1 | 0.1 | 0.0 |
| Requirements | 0.1 | 0.1 | 0.2 | 0.0 |
| Design | 0.0 | 0.3 | 0.4 | 0.0 |
| Implementation | 0.0 | 0.1 | 0.8 | 0.1 |
| Assessment | 0.0 | 0.1 | 0.6 | 0.1 |
| Deployment | 0.0 | 0.0 | 0.1 | 0.1 |