

Task	Amount of Work	Productivity Rate
Project Plan		
Write Plan	56 pages	5 pages/Hour
Review Plan		
Preparation for review		4 pages/Hour
Review Meeting		8 pages/Hour
Rework	39 defects	5 defects/Hour
Risk Mitigation and Contingency Plan		
Write Plan	78 pages	5 pages/Hour
Review Plan		
Preparation for review		5 pages/Hour
Review Meeting		10 pages/Hour
Rework	19 defects	5 defects/Hour
Requirement		
Write requirements	176 Req	4 Req/Hour
Write Use Case Model	62 Use Cases	5 use case/2 Hours
Review Requirements/ Use Case Model		
Preparation for review		18 Req/Hour
		4 Use Cases/Hour
Review Meeting		23 Req/Hour
		5 Use Cases/Hour
Rework	127 defects	8 defects/Hour
Analysis		
Write Analysis Document	72 pages	5 pages/Hour
Review Analysis Document		
Preparation for Analysis Document		4 pages/Hour
Review Meeting		7 pages/Hour
Rework	92 defects	5 defects/Hour
Design		
Write DD	78 pages	4 pages/Hour
Review DD		
Preparation for DD		5 pages/Hour
Review Meeting		9 pages/Hour
Rework	175 defects	4 defects/Hour
Write Data Model (DM)	31 pages	1 page/3 Hours
Review DM		
Preparation for DM		5 pages/Hour
Review Meeting		4 pages/Hour

Rework	79 defects	7 defects/Hour
Coding and unit test		
Write Code	3758 SLOC	5 SLOC/Hour
Unit Testing		
Prepare/Execute Test Cases	194 test cases	8 Test Cases/Day
Fix Found Defects	184 Defects	7 Defects/Day
Test Fixed Defects	184 Defects	6 Defects/Day
Code Inspection		
Preparation for Code Inspection		124 SLOC/Hour
Code Inspection Meeting		210 SLOC/Hour
Rework	174 defects	4 defects/Hour
Testing		
Write test plan (TP)	210 pages	6 pages/Day
Review TP		
Preparation for TP		5 pages/Hour
Review TP Meeting		8 pages/Hour
Rework	287 defects	6 defects/Hour
Execute TP (test cases)	259 test cases	8 test cases/day
Fix Found Defects	188 defects	9 defects/day
Test Fixed Defects	188 defects	13 defects/day
Documentation		
User Documentation	147 pages	4 pages/Hour
Review UD		
Preparation for UD Review		4 pages/Hour
Review UD Meeting		6 pages/Hour
Rework	163 defects	8 defects/Hour