

Assignment#3- Estimation Baseline

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WBS	Task Name	Amount of Work	Productivity Rate
1	Project 3		
1.1	Project Plan		
1.1.1	Write Plan	127 Pages	5 Page/ hr
1.1.2	Review Plan		
1.1.2.1	Preparation for Review		5 Page/ hr
1.1.2.2	Review Meeting		8 Page/hr
1.1.3	Rework	106 Defects	5 Defects/Hr
1.2	Documented Software Development process updates		
1.2.1	Process Changes	87 Changes	3 Changes/Hr
1.2.2	Review Changes		
1.2.2.1	Preparation for Review		2 Changes/ Hr
1.2.2.2	Review Meeting		4 Changes/hr
1.2.3	Rework	37 Defects	5 Defects/Hr
1.3	Requirement		
1.3.1	Write requirements	177 Req	4 Req/hr
1.3.2	Review Requirements		
1.3.2.1	Preparation for review		15 req/ Hr
1.3.2.2	Review Meeting		20 Req/Hr
1.3.3	Rework	130 Defects	5 defects/ hr
1.4	Build the development and testing environment		
1.4.1	Hardware Environment		
1.4.1.1	Servers	17	1 Server/day
1.4.1.2	Clients	27	6 Clients/ day
1.4.2	Software Development Tools		
1.4.2.1	Build/Compile tools	17	1 tool/ Hr
1.4.3	Software Testing Tools		
1.4.3.1	Test Cases Execution tools	8	2 Tool/ Day
1.4.3.2	Simulation Tools	5	1 Tool/Day
1.5	Analysis		
1.5.1	Write Analysis Document	147 pages	5 Pages/ Hr
1.5.2	Review Analysis Document		
1.5.2.1	Preparation for analysis document		5 Pages/Hr
1.5.2.2	Review meeting		10 Pages/ Hr
1.5.3	Rework	104 Defects	7 Defects/ Hr
1.6	Design		
1.6.1	Write DD	197 Pages	3 Pages/ Hr
1.6.2	Review DD		
1.6.2.1	Preparation for DD		5 pages/ Hr
1.6.2.2	Review Meeting		9 pages/Hr
1.6.3	Rework	323 Defects	10 Defects/ hr
1.7	Coding and unit test		
1.7.1	Write Code	5700 SLOC	5 SLOC/ Hr
1.7.2	Unit Testing		
1.7.2.1	Prepare/Execute Test Cases	664 Test Cases	25 Testcases/ Day
1.7.2.2	Fix Found Defects	479 Defects	30 Defects/ Day
1.7.2.3	Test Fixed Defects	479 Defects	53 Defects/ Day

1.7.3	Code Inspection		
1.7.3.1	Preparation for Code Inspection		150 SLOC/ Hr
1.7.3.2	Code Inspection Meeting		200 SLOC/ Hr
1.7.3.3	Rework	428 Defects	5 Defects/ Hr
1.8	Testing		
1.8.1	Write test plan (TP)	227 Pages	8 pages/ Day
1.8.2	Review TP		
1.8.2.1	Preparation for TP		4 pages/ Hr
1.8.2.2	Review TP Meeting		10 Pages/ Hr
1.8.2.3	Rework	97 Defects	5 defects/ Hr
1.8.3	Execute TP (test cases)	257 Test Cases	19 Testcases/ Day
1.8.4	Fix Found Defects	67 Defects	10 Defects/ Day
1.8.5	Test Fixed Defects	67 Defects	15 Defects/ Day
1.9	Documentation		
1.9.1	User Documentation	297 Pages	4 Pages/ Hr
1.9.2	Review UD		
1.9.2.1	Preparation for UD review meeting		8 Page/ Hr
1.9.2.2	Review UD Meeting		12 Page/ Hr
1.9.2.3	Rework	377 Defects	15 Defects/ Hr