

## Project Planning

### Task Planning Template

Tasks are identified together with their duration and cumulative hours.

Id Task	Task name	Plan					Real				
		Hours	Accumulated Hours	Day	Planned Value	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Day	Earned Value	Accumulated Earned Value
1	Specification	2	2								
2	Design	5	7								
3	Coding Class A	4	11								
4	Coding Class B	7	18								
5	Coding Class C	3	21								
6	Coding Class D	5	26								
7	Coding Class E	6	32								
8	Unit Testing	3	35								
9	Testing system	2	37								

### Schedule Planning Template

Planning for days to hours that work for the project is done.

Day	Date	Plan			Real			
		Hours	Accumulated Hours	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Earned Value	Accumulated Earned Value
1	16/03/2009	3	3					
2	17/03/2009	5	8					
3	18/03/2009	5	13					
4	19/03/2009	5	18					
5	20/03/2009	4	22					
6	23/03/2009	6	28					
7	24/03/2009	5	33					
8	25/03/2009	4	37					

In the Task Planning template add the expected days each task will be completed according to the Schedule Planning Template

Id Task	Task name	Plan					Real				
		Hours	Accumulated Hours	Day	Planned Value	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Day	Earned Value	Accumulated Earned Value
1	Specification	2	2	1							
2	Design	5	7	2							
3	Coding Class A	4	11	3							
4	Coding Class B	7	18	4							
5	Coding Class C	3	21	5							
6	Coding Class D	5	26	6							
7	Coding Class E	6	32	7							
8	Unit Testing	3	35	8							
9	Testing system	2	37	8							

The Planned (Hours / Total Hours \* 100) Planned Value and Accumulated Value is calculated

Id Task	Task name	Plan					Real				
		Hours	Accumulated Hours	Day	Planned Value	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Day	Earned Value	Accumulated Earned Value
1	Specification	2	2	1	5.4	5.4					
2	Design	5	7	2	13.5	18.9					
3	Coding Class A	4	11	3	10.8	29.7					
4	Coding Class B	7	18	4	18.9	48.6					
5	Coding Class C	3	21	5	8.1	56.7					
6	Coding Class D	5	26	6	13.5	70.2					
7	Coding Class E	6	32	7	16.3	86.5					
8	Unit Testing	3	35	8	8.1	94.6					
9	Testing system	2	37	8	5.4	100.0					

In Schedule Planning Template Planned Accumulated value for each day according to the Accumulated Value Scheduled Task template is recorded

Planning

Day	Date	Plan			Real			
		Hours	Accumulated Hours	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Earned Value	Accumulated Earned Value
1	16/03/2009	3	3	5.4				
2	17/03/2009	5	8	18.9				
3	18/03/2009	5	13	29.7				
4	19/03/2009	5	18	48.6				
5	20/03/2009	4	22	56.7				
6	23/03/2009	6	28	70.2				
7	24/03/2009	5	33	86.5				
8	25/03/2009	4	37	100				

## Project Monitoring

- Tasks 1 and 2 were completed on scheduled days.
- Task 3 to be had planned for Day 3 ended 4.
- Task 4 to be had planned for day 4 was completed on 5.

Id Task	Task name	Plan					Real				
		Hours	Accumulated Hours	Day	Planned Value	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Day	Earned Value	Accumulated Earned Value
1	Specification	2	2	1	5.4	5.4	2	2	1	5.4	5.4
2	Design	5	7	2	13.5	18.9	4.8	6.8	2	13.5	18.9
3	Coding Class A	4	11	3	10.8	29.7	10	16.8	4	10.8	29.7
4	Coding Class B	7	18	4	18.9	48.6	6.5	23.3	5	18.9	48.6
5	Coding Class C	3	21	6	8.1	56.7					
6	Coding Class D	5	26	6	13.5	70.2					
7	Coding Class E	6	32	7	16.3	86.5					
8	Unit Testing	3	35	8	8.1	94.6					
9	Testing system	2	37	8	5.4	100.0					

It is also recorded in the Scheduling Planning template earned value every day. As the 3rd task was not finished, livestock value is zero. When the task is completed the next day your hard-earned value of 10.8 is obtained.

Day	Date	Plan			Real			
		Hours	Accumulated Hours	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Earned Value	Accumulated Earned Value
1	16/03/2009	3	3	5.4	2	2	5.4	5.4
2	17/03/2009	5	8	18.9	4.8	6.8	13.5	18.9
3	18/03/2009	5	13	29.7	5	11.8	0	18.9
4	19/03/2009	5	18	48.6	5	16.8	10.8	29.7
5	20/03/2009	4	22	56.7	6.5	23.3	18.9	48.6
6	23/03/2009	6	28	70.2				

7	24/03/2009	5	33	86.5				
8	25/03/2009	4	37	100				

Using the current value gained 9.72 per day (48.6 / 5) can make a projection of when the project will end at current job.

Day	Date	Plan			Real				Earned Value projected
		Hours	Accumulated Hours	Planned Accumulated Value	Hours Real	Accumulated Hours Real	Earned Value	Accumulated Earned Value	
1	16/03/2009	3	3	5.4	2	2	5.4	5.4	5.4
2	17/03/2009	5	8	18.9	4.8	6.8	13.5	18.9	18.9
3	18/03/2009	5	13	29.7	5	11.8	0	18.9	18.9
4	19/03/2009	5	18	48.6	5	16.8	10.8	29.7	29.7
5	20/03/2009	4	22	56.7	6.5	23.3	18.9	48.6	48.6
6	23/03/2009	6	28	70.2					48.6 + 9.72 = 58.3
7	24/03/2009	5	33	86.5					58.3 + 9.72 = 68.0
8	25/03/2009	4	37	100					68.0 + 9.72 = 77.8
9									77.8 + 9.72 = 87.5
10									87.5 + 9.72 = 97.2
11									100

The project ends on the 11th.