



Task 5: Gantt chart

Gantt chart is one type of bar chart which is used for describing a Project Schedule. Gantt chart shows the start and finish date of the terminal elements and summary element involved in a project. It also shows the dependency between various tasks in a project showing serial or parallel execution of tasks. The Gantt chart here clearly represents the phases and activities in WBS submitted in task 3 and the Network diagram submitted in task 4.

The estimation table providing the details of the name of the tasks, duration of each task and the start and finished date is given in task 3. This table is used to create the Gantt chart shown in the figure. OpenProj has been used as software to prepare the Gantt chart. The Gantt chart exactly resembles the Network diagram. In the chart the bars in red denote the critical path of Network diagram. It also has the same Predecessor and Successor tasks drawn in network diagram.

The chart is drawn by assuming that the project will start from 1st March and it will continue up to 6 months with six developers in the team. The chart provides the 6 months estimation of the project but there are some limitations of providing the estimation in this project. The limitations are-

- (i) The estimation in this project is done completely on assumption, so the actual timing of implementation of the project may be different. In that case the chart has to be updated.
- (ii) There are subtasks of many tasks but the subtasks are not represented in the chart because it may make the chart heavy with full of information. In order to make it simple and understandable by common audience the subtasks are avoided in the chart.

		Name	Duration	Start	Finish	Predecessors	Successors	27 Feb 12	5
								M	T
1		Prepare Project Plan	5 days	01/03/12 08:00	07/03/12 17:00		3		
2		Risk Analysis	3 days	01/03/12 08:00	05/03/12 17:00		3		
3		Submit & get approval for projectl plan	5 days	08/03/12 08:00	14/03/12 17:00	1;2	4;5		
4		Decide on hardware & software requirements	2 days	15/03/12 08:00	16/03/12 17:00	3	6		
5		Resource Planning	1 day	15/03/12 08:00	15/03/12 17:00	3	6		
6		Project Kickoff meeting	1 day	19/03/12 08:00	19/03/12 17:00	4;5	7		
7		Create FRS from BRS	5 days	20/03/12 08:00	26/03/12 17:00	6	8;9		
8		FRS signed & approved	5 days	27/03/12 08:00	02/04/12 17:00	7	10		
9		Software & Hardware Configuration	2 days	27/03/12 08:00	28/03/12 17:00	7	10		
10		Design of HLD & LLD from FRS	15 days	03/04/12 08:00	23/04/12 17:00	8;9	11		
11		Knowledge Transfer Sessions	8 days	24/04/12 08:00	03/05/12 17:00	10	12;26		
12		Create & Initialize customized tables	2 days	04/05/12 08:00	07/05/12 17:00	11	13		
13		Setup DB Access Rights	1 day	08/05/12 08:00	08/05/12 17:00	12	14		
14		Testing of DB Setup	2 days	09/05/12 08:00	10/05/12 17:00	13	15;16;17		
15		Portal Design for Customers/Business Users/Third Parties	23 days	11/05/12 08:00	12/06/12 17:00	14	18		
16		Oracle CRM Development	24 days	11/05/12 08:00	13/06/12 17:00	14	18		
17		Test Plan Preparation & Approval	20 days	11/05/12 08:00	07/06/12 17:00	14	19		
18		Installation of Developed System	1 day	14/06/12 08:00	14/06/12 17:00	15;16	19		
19		Testing Phase	17 days	15/06/12 08:00	09/07/12 17:00	17;18	20		
20		Bug Fixing	5 days	10/07/12 08:00	16/07/12 17:00	19	21		
21		User Manual Creation	1 day	17/07/12 08:00	17/07/12 17:00	20	22		
22		Code Deployment	2 days	18/07/12 08:00	19/07/12 17:00	21	23		
23		Customer Acceptance Testing & Bug Fixing	10 days	20/07/12 08:00	02/08/12 17:00	22	24		
24		Quality Assurance Check	3 days	03/08/12 08:00	07/08/12 17:00	23	25		
25		ProjectDocumentation	1 day	08/08/12 08:00	08/08/12 17:00	24			
26		Status Meeting	69 days	04/05/12 08:00	08/08/12 17:00	11			

