

CS587 - ASSIGNMENT 3

Name : Dhayalini Nagaraj

CWID : A20359686

I have submitted the Project 1, Project 2 and Project 3 files.

The three projects have shared resource pool.

Answers to question to 7, 8 and 10.

7. What is the earliest finish date for this project if it is scheduled to start on 04/04/16?

The earliest finish date for this project if it is scheduled to start on April 4th 2016 is 30th August 2016 (106.64 days).

Start Date : 04-04-2016

Finish Date : 30-08-2016

8. Can this project be completed 2 months after it starts? Explain why yes or no.

It is not possible to complete the project within 2 months after the project starts with the available resources. All the three projects use shared resource and the duration of the project is 106.64 days. Therefore it is not possible to complete the project within 2 months.

10.

Project	Start Date	End Date
Project 1	15-02-16 (15 th February 2016)	28-09-16 (28 th September 2016)
Project 2	29-02-16 (29 th February 2016)	15-09-16 (15 th September 2016)
Project 3	04-04-16 (4 th April 2016)	30-08-2016 (8 th August 2016)

1. WBS is required for all projects. The project tasks and subtasks can be classified using WBS. WBS classifies the tasks with its subtasks and it is called as Task Categorization. With this categorization, managers can view the subtasks under

the given main task. Ordering of tasks is very important and plays a major role in task categorization.

2. The network diagram is a diagram in which all the tasks are connected. Tasks connected based on task dependencies gives you the network diagram. A link is there between every task, except the starting task and finishing task since it has no predecessor and no successor.
3. Project 3 starts when project 1 and project 2 is still in progress. Resource allocation should be done effectively so as to use new resources allocated for project 3 while other resources are shared among all three projects. Resource sharing must be mutually exclusive and no resource can work on two projects simultaneously. Since all three projects share resources over allocation is possible. Over allocation of resources should be taken care of. Utilization of the resources allocated for new project should be maximum. In that way we can avoid overlapping of resources shared with other two projects.