

# **CS587- Software Project Management**

## **Assignment #2**

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6. What is the earliest finish date for this project if it is scheduled to start on 10/13/17.? (under this scenario, as soon as engineers complete their tasks on Homework#1 you will assign them to start working on tasks for Homework#2 project)

If the project is scheduled to start by 10/13/2017 then the earliest finish date for this project with the shared resources will be 3/22/2018.

The total duration of the project is 114.08 days.

7. Is it feasible to complete this project (Assignment#2 project) 2 weeks after the completion date you identified for the project in Assignment#1? Explain.

No! It is not feasible to complete this project (Assignment #2) within 2 weeks after the finish date of Assignment#1. This is because the completion date of Assignment #1 is 02/28/2018 and the earliest finish date for the second assignment #2 is 03/22/2018 which is almost 3.1 weeks (3 weeks and 1 day) ahead of the early finish date of Assignment #1.

These dates are acquired by allocating feasible amount of resources. However, it could be feasible to complete the assignment #2 more faster within the 2 weeks span after the completion of Assignment #1 if more resources are provided and make them assigned to the tasks.

9. Submit your Comments regarding the start and completion dates and resources assignments for the two projects in a PDF document called Analysis.pdf.

### **Project 1:**

Start Date : 09/25/2017

Finish Date : 02/28/2018

Duration : 112.17 Days

Resources : Used maximum resources where ever possible to complete the project as early as possible

### **Project 2:**

Start Date : 10/13/2017

Finish Date : 03/22/2018

Duration : 114.08 Days

Resources : Used maximum resources where ever possible to complete the project as early as possible

### **Assumptions:**

The training task is assumed to start after the documentation phase since only with the handouts prepared during documentation, the training task can start and the training can be given to the clients/end-users/customers.

The resources are used for both the projects and the free resources are used from Assignment #1 along with the newly provided resources from Assignment #2 for completing the project.

I have used "Pool takes precedence" option while sharing the resources and during the time conflicts between the Assignment #1 and Assignment #2 I have used "Solving conflict using Strategy #2- Levelling Resources" mentioned in the "Tutorial #4".