

Software Project Management

INF3708

Assignment 04: Due date 20 September 2016 Compulsory

ASSIGNMENT 04 - SEMESTER 2
Total Mark: 40 Marks = 100%

Mark weight: 30%

ASSIGNMENT 04	
Due date	20 September 2016
Study material	Hughes & Cotterell: Chapters 8 and 9
Total marks	40 marks
If your assignment is late, please DO NOT PHONE OR E-MAIL asking for an extension but include a note in your assignment stating the reason for the late submission and we will decide whether or not it will be marked.	

Instructions:

1. **Download and complete** this assignment and submit online in a .pdf format by performing the calculations.
2. The following unique number has to be assigned to the assignment:

UNIQUE NUMBER:
784263

3. Show all your working (calculations).
4. This assignment consists of 3 questions.

Questions on Chapter 8 – Resource allocation

QUESTION 1

[15]

The staff cost of the Phumzani Project is shown below. Nomsa is the project leader of the Phumzani project and will spend 10 extra days on the project to plan and carry out the post project review. The project is scheduled to be finished in 26 days. An amount of R350 per day is charged by the Phumzani team for overhead costs. Busi will work on the project every day, Samuel and Amy will work only half of the days and Juan will work only 10 days

Staff member	Daily cost
Nomsa	R400
Samuel	R200
Juan	R300
Busi	R400
Amy	R300

Table for Question 2

1.1 Calculate the total cost for the Phumzani project. (14)

1.2 Identify 1 other type of cost that could also be relevant, and that were not taken into account in Question 1.1. (1)

QUESTION 2

[10]

2.1 Explain in detail what a project manager can do when a project will not meet the target date. What should he NOT do? (5)

2.2 Discuss the categories of cost. (5)

Questions on Chapter 9 – Monitoring and control

QUESTION 3

[15]

Sipho is the project leader and his duty is to make sure the project is finished in time. The other members and their job specifics are:

Nomsa – Analyse existing systems (2 weeks)

Bennie – Obtain user requirements (3 weeks)

Maggie – Plan office layout (3½ weeks)

Alice – Finalise office layout (4 weeks)

Arthur – Issue tender (4½ weeks)

(Note: the weeks in brackets denote the scheduled time within which each person's part of the project is to be completed. The longest time, i.e. 4½ weeks is the scheduled time for the completion of the whole project).

After the first week Nomsa is delayed by a week, but she finished by the end of the 3rd week. By the end of the 4th week Bennie has finished but Maggie was delayed for a week. This was the last delay in the project.

3.1 Name and describe three ways that a manager can use to visualise this data. Present this data visually in all three ways. Accept that each activity, allocated to a specific person, starts at the same time. (15)