

ASSIGNMENT: MS Project
Toledo Pizza Company
Due Date: Sunday July 14th, 2013
Total Points: 400

Submission Guidelines

- Use MS Project to complete this assignment
- Set your project calendar to include non-working and company holidays as per UT Academic calendar.
- Please submit your assignment as an MS Word (.doc) document along with MS Project (.mpp) file pertaining to it, for my reference.
- Insert screen shots from MS Project file where applicable.
- I will not be able to assess your work otherwise.

Project Specification

ERP Project Implementation (A)

Toledo Pizza Company is planning to implement a new ERP system. Tim “Vito” Milano decided to use Corleone Consulting Company (CCC) to help with the project. CCC developed the following set of activities that need to be completed as well as the time taken by each activity. To manage the project, Vito wants to use state-of-the-art procedures. He believes that the following information will help him commit the appropriate resources to the project:

1. The amount of time it will take to complete the project
2. The resource profile for the duration of the project
3. The overall budget and funding requirement for each week of the project.

CCC developed the following three tables detailing the activities, resource requirements and costs associated with the project.

Table 1: ERP Implementation Project – List of Activities

<u>Task</u>	<u>Duration</u>	<u>Predecessor</u>	<u>Resource</u>
A: Obtain plan from selection consultant	3 weeks	-	IT – 10%
B: Collect Vendor proposals	2 weeks	A	IT – 30%
C: Perform economic analysis	3 weeks	B	IT – 20% Purchasing – 20%
D: Select ERP vendor	1 week	C	Accounting – 10% Marketing – 10% Operations – 10% HR – 10% IT – 20%
E: Obtain plan from design consultant	3 weeks	D	IT – 30%
F: Get Hardware	4 weeks	D	IT – 20% Purchasing – 10%
G: Set up network	3 weeks	F	IT – 100%
H: User Training	See below	E	See Below
I: Install vendor software	2 weeks	E, G	IT – 100%
J: Test system	1 week	I	Accounting – 10% Marketing – 10% Operations – 10% HR – 10% IT – 100%
K: Implement system	1 week	J	Accounting – 10% Marketing – 10% Operations – 10% HR – 10% IT – 100%

Table 2: User Training – List of Activities

<u>Task</u>	<u>Duration</u>	<u>Predecessor</u>	<u>Resource</u>
P: Identify Training Needs	3 Weeks	-	Accounting – 10% Marketing – 10% Operations – 10% HR – 10% IT – 20%
Q: Develop Training Modules	4 weeks	P	Accounting – 40% Marketing – 20% Operations – 60% HR – 50% IT – 70%
R: Train users	24 weeks	Q	Accounting – 20% Marketing – 20% Operations – 20% HR – 20% IT – 50%
S: Obtain CD- ROMS	2 weeks	Q	IT – 40%

Table 3: Personnel Costs

<u>Department</u>	<u>Cost</u>
IT	\$125 per hour
Marketing	\$40 per hour
Operations	\$60 per hour
Accounting	\$70 per hour
HR	\$35 per hour
Purchasing	\$60 per hour

Vito knew that there is a way to bring all of this information together to answer the questions he had. He wondered if a large project like this one can also be monitored and controlled.

Toledo Pizza Company
ERP Implementation (B)

Based upon the preliminary information developed by CCC (Toledo Pizza Company – ERP Implementation (A)) and further analysis using benchmarking information, the following information became available:

1. Activity J: System Testing will take 7 weeks instead of 1 week because a more thorough testing regimen is recommended.
2. Activity R: Train Users will take 6 weeks instead of 24 weeks because a number of parallel training sessions can be run.

Vito was now interested in finding out what the new critical path will be. Furthermore, Vito wanted to start work on the project by July 01, 2013 and wanted to know when the project would be completed. Finally he wanted to know the cash flow requirements through the duration of the project.