

MAKERERE UNIVERSITY BUSINESS SCHOOL
BACHELOR OF BUSINESS ADMINISTRATION III 2025/2026

ADVANCED ICT

MS PROJECT GENERAL PRACTICAL CLASS EXERCISE

CASE STUDY TWO

A new Students registration system is to be installed in Mubs. The following activities have been fully done, activity definition, activity sequencing and activity duration estimation as represented in the WBS below. Use the sample data below to come up with a project schedule.

Task No	Task	Duration	Predecessor	Resources
1	Project Scope			
1.1	Determine project scope	2Wks	-	SA
1.2	Secure project sponsorship	3Wks	1.1	SA
1.3	Define preliminary resources	2Wks	1.2	SA
1.4	Secure core resources	3Wks	1.2	SA,PM
1.5	Scope complete	0	1.4	PM
2	System Analysis			
2.1	Review current infrastructure	5 Wks	1.5	SA,PP
2.2	Review hardware environment	2 Wks	2.1	SA
2.3	Review software environment	3 Wks	2.1	SA
2.4	Review communication environment	2Wks	2.2	SA,PP
2.5	Review LAN/WAN	4Wks	2.3	PM
2.6	Review complete	0	2.5	SA
3	System Design			
3.1	Preliminary hardware design	4Wks	2.6	PP
3.2	Preliminary software design	1Wks	3.1	PP
3.3	Preliminary communication design	2Wks	3.2	PP

3.4	LAN/WAN design	2Wks	3.3	PP
3.5	Design document complete	0	3.4	
4	Budget			
4.1	Develop budget	2Wks	3.5	PP, SA
4.2	Align budget requests to business goals	1Wk	4.1	SA,PP
4.3	Present long/short term budget request	2Wks	4.2	PM, SA
4.4	Secure multi-phase/year funding	2Wks	4.3	SA
4.5	Budget complete	0	4.4	
4.6	Prototype complete	0	4.4	

Note

Project resources are SA-System Analyst, PM-Project Manager, and PP-Programmer

Required,

- a) Using the standard calendar, make all Saturdays and Sundays working days
- b) Change duration to weeks as your duration default
- c) Enter the tasks in Gantt chart showing clearly their duration
- d) If the start date of the project is 27th/October/2026, determine the project end date
- e) Using a resource sheet allocate resources as shown in the WBS
- f) Cost all the resources as follows

Resource	Resource Type	Cost (UGX) Per Day
SA-System Analyst	Work	45,000
PM-Project Manager	Work	50,000
PP-Programmer	Work	30,000

- g) All tasks should be 100% complete by the project end date
- h) Determine the total duration for the project
- i) Extract relevant reports