

**MAKERERE UNIVERSITY BUSINESS SCHOOL**  
**BACHELOR OF BUSINESS ADMINISTRATION III 2025/2026**  
**ADVANCED ICT**

**MS PROJECT SOFTWARE EXERCISE ONE**

**Case Study One**

In a bid to improve on the learning process in your university, the school has embarked on an e-learning system implementation project that is going to take some time. The following activities have been fully done, activity definition, activity sequencing and activity duration estimation as represented in the WBS below. Endeavored with skills in project management you have been asked to help in determining the project schedule using Ms Project.

<b>Task No</b>	<b>Task</b>	<b>Duration</b>	<b>Predecessor</b>	<b>Resources</b>
	<b>E-learning Implementation Project</b>			
<b>1</b>	<b>Planning</b>			
1.1	Feasibility study	4weeks	-	PM,SA
1.2	Identify key stakeholders	2weeks	-	PM
1.3	Budgeting	2weeks	1.2	PM,SA,SI &SC
1.4	Implementation plan	0week	1.3	
<b>2</b>	<b>Installation</b>			
2.1	Landscape analysis	2 weeks	1.3	SA & SI
2.2	Hardware installation	4weeks	2.1	SA & SI
2.3	Software installation	1week	2.1	SA & SI
2.4	System installed	0 weeks	2.3	SA & SI
<b>3</b>	<b>Conduct workshops</b>			
3.1	Prepare workshop materials	2 weeks	2.3	SI
3.2	Sensitize students	3 weeks	3.1	SI
3.3	Sensitize user	1week	3.2	SI
3.4	User sensitized	0weeks	3.3	SI
<b>4</b>	<b>System Testing</b>			
4.1	Programmer testing	1 week	3.4	SC
4.2	Module testing	1 week	4.1	SC
4.3	User testing	1 week	4.1	SC
4.4	System tested	0weeks	4.1	

<b>5</b>	<b>Maintenance</b>			
5.1	Transfer of manual records	2 weeks	4.4	SC
5.2	Implementation status report	2weeks	4.4	PM
5.3	Final report	1 week	5.2 FF	PM
6	E- learning implemented	0 weeks	5.3FF	

Above is a WBS for the E-learning Implementation Project.

### Resource sheet

Resource name	Type	Cost (UGX)
Project Manager (PM)	Work	10,000 per day
Systems Analyst (SA)	Work	5,000 per day
System Implementers (SI)	Work	1000 per day
System Consultant (SC)	work	20,000 per day

Using the information above answer the following questions

### *Required,*

- a) Open up Ms Project and save it in your folder in your name and registration number.
- b) Set the project start date as 1<sup>st</sup> February 2026
- c) Set all Saturdays as working days.
- d) Enter the above tasks and their durations in the Gantt chart.
- e) Link the various tasks as per the link types as shown on the WBS.
- f) Add the project resources as indicated on the WBS.
- g) Determine the end date and the duration for the project.
- h) Determine the project budget/total project cost.
  
- i) Make all tasks complete.
- j) Set a constraint on budgeting to start as soon as possible
- k) View Various Project Reports