

**MAKERERE UNIVERSITY BUSINESS SCHOOL**  
**END OF SEMESTER TWO EXAMINATION FOR THE**  
**BACHELOR OF BUSINESS ADMINISTRATION OF MAKERERE UNIVERSITY**  
**ACADEMIC YEAR 2022/2023**

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**COURSE NAME : ADVANCED ICT**

**YEAR OF STUDY : THREE**

**COURSE CODE : BBA3205**

**DATE : WEDNESDAY JUNE 7, 2023**

**TIME : 11:00 AM – 12:00 NOON (SET B)**

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**INSTRUCTIONS**

- The paper comprises of **ONE COMPULSORY** question in Microsoft Project.
  - Create a folder in your Name and Registration Number on the Desktop where all your work should be saved.
  - You are advised to continuously save the changes to your work to avoid loss of work.
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**Question (Total marks - 35 Marks)**

Next Financing Service Limited is in the process of developing a web-based system to manage its operations country wide. Study the WBS below and use MS project to produce a project for the schedule clearly showing the project start date, end date and task durations and dependencies.

Task No	Task Name	Duration	Predecessor	Resources
	<b>Next Financing System Project</b>			
<b>1</b>	<b>Preliminary Study</b>			
1.1	Feasibility Study	5 weeks	-	PE
1.2	Stakeholder Mapping	3 weeks	1.1	PE
1.3	Planning workshop	1 weeks	1.2	PE
1.4	System Planning Complete	0 weeks	1.3	PE
<b>2</b>	<b>System Analysis &amp; Design</b>			
2.1	Prototype model design	4 weeks	1.4	SD,SA
2.2	Purchase of primitive hardware tools	1 weeks	2.1	SA,PD
2.3	Process Model Prototype	3 weeks	2.2	SD,SA,PD
2.4	Data Model Prototype	4 weeks	2.3	SD,SA, PD
2.5	Process and Data Prototype Integration	2 weeks	2.4	SAPD

2.6	System Analysis & Design Complete	0 weeks	2.5	PE
<b>3</b>	<b>System Testing</b>			
3.1	Testing Awareness Campaign	3 weeks	2.6	PE,SA
3.2	Setting Testing Condition	2 weeks	3.1	SA,PE,PD
3.3	Unit Testing	2 weeks	3.2	SA,PE,PD
3.4	System and Integrated Testing	1 week	3.3FS-1 Week	SD,SA
3.5	User Acceptance Test	1 week	3.4	PE
3.6	Alpha Testing	2 weeks	3.5	SD,PD,PE
3.7	System Tested	0 weeks	3.6SS	
<b>4</b>	<b>System Training</b>			
4.1	Staff Training Awareness	1 weeks	3.7	ST,PE
4.2	General Staff Training	3 weeks	4.1	ST,PD
4.3	Departmental Training	2 weeks	4.2	ST,PD
4.4	User training	3 weeks	4.3	ST
4.5	Branch training	3 weeks	4.4	ST
4.6	Customer Training and Partner Training	2 weeks	4.5	ST
4.7	Staff trained	0 weeks	4.6	
<b>5</b>	<b>System Maintenance</b>			
5.1	Data Aggregation		4.7FS+1 Week	
5.2	Manual Data Transfer	3 weeks	5.1	SA,SD
5.3	Implementation Status Report	2 weeks	FS	PE
5.4	Final System working Report	2 weeks	SS	PE,SA,SD
5.5	Transport System Implemented	0 weeks	SS	

### Project Resource Table

Resource Name	Resource Type	Resource Cost
Project Engineer (PE)	Work	UGX 50,000 Per hour
System Developer (SD)	Work	UGX 40,000 Per hour
System Analyst (SA)	Work	UGX 35,000 Per hour
Process Designer (PD)	Work	UGX 25,000 Per hour
Systems Trainer(ST)	Work	UGX 15,000 Per hour

### Required;

- Using Ms Project software, create a Project File called Next Financing System Project and save it in your folder on the desktop. **(02 marks)**
- Set the project start date as 1<sup>st</sup> July 2023. **(02 marks)**

- c) In this Project work is from Monday to Thursday. Set all Fridays as Non-working days. **(02 marks)**
- d) Set the default duration to weeks. **(02 marks)**
- e) Enter the above tasks in the Gantt Chart with their respective duration and ensure that the main activities and tasks and logically linked. **(08 marks)**
- f) Link the various task with their predecessor provided in the WBS table above. **(04 marks)**
- g) Enter the project resources in the resource sheet. **(03 marks)**
- h) Assign the various resources as to the various tasks as indicated in the WBS. **(05 marks)**
- i) In the Gantt Chart Interface, Add a new column to show the actual cost of each main activity of the project. **(02 marks)**
- j) Determine how long the project will take. Write your answer in this space. **(02 marks)**
- k) All tasks should be 100% complete. **(01 mark)**
- l) Using the project resources assigned and their resource costs, what is the total cost or budget for the entire project after 100% completion of tasks? Write the answer here. **(02 marks)**

**[Total Marks: Marks 35]**

**– End of Question Paper –**