

MAKERERE UNIVERSITY BUSINESS SCHOOL
BACHELOR OF BUSINESS ADMINISTRATION OF MAKERERE UNIVERSITY ACADEMIC
YEAR 2025/2026

COURSE NAME : ADVANCED ICT

MS PROJECT PRACTICAL LECTURE ON 2 TABLES

Question

In the Project Management Information System, a project is run by many staff while a single staff executes one project. Use the Information below to answer the questions that follow;

TABLE : PROJECT

Project ID	Project Name	Project Location	Project Amount
PJT001	Skilling Youths	Adjumani	Ugx 3,000,000
PJT002	Animal Production	Arua	Ugx 5,000,000
PJT003	Food Distribution	Arua	Ugx 4,000,000
PJT004	Education Tour	Yumbe	Ugx 2,000,000
PJT005	Sanitary Pads	Gulu	Ugx 6,000,000
PJT006	Detergent Production	Masindi	Ugx 7,000,000
PJT007	Tree Growing	Gulu	Ugx 8,000,000
PJT008	Electrical Wiring	Yumbe	Ugx 10,000,000

TABLE: STAFF

STAFF ID	Date of Joining	Project ID	First Name	Last Name	Gender
ST/001	12/09/1997	PJT001	Friendly	Milton	Male
ST/002	06/03/1977	PJT006	Deo	Kambale	Male
ST/003	11/11/1999	PJT003	Christine	Etoma	Female
ST/004	20/01/1996	PJT002	Josphine	Akello	Female
ST/005	09/12/2005	PJT001	Shahidah	Ashembo	Female
ST/006	03/05/2000	PJT005	Humphrey	Kawooye	Male
ST/007	19/02/1994	PJT004	Deogracious	Kitakule	Male
ST/008	08/12/1993	PJT004	Alamin	Shania	Female

- a) Create a database called Project Management System and save it in the folder created in your name and registration number on the desktop.
- b) Using appropriate tool, design the above tables and save them.
- c) Assign a primary key and appropriate data types and key fields to the tables above.
- d) Use the lookup function for the gender field.
- e) Create a relationship between the two tables and enforce referential integrity.
- f) Design a project form and Staff form that will be used to enter data into the tables of the database.
- g) Use the forms above to populate the tables with the sample data given.
- h) Create a query for staff that joined the projects after 01/12/1999. Name it **seniors**.
- i) Create another query to show all projects Not from Yumbe. Name it "Others"
- j) Create a query to show all projects whose Amount is between 5000,000 and 12,000,000. Name it **Heavy Projects**
- k) Create a report to in Land Scape View to display all heavy projects. Name it "**Heavy report**".