CIS 11051 – PRACTICAL FOR DATABASE DESIGN
DEPARTMENT OF ICT
FACULTY OF TECHNOLOGY
SOUTH EASTERN UNIVERSITY OF SRI LANKA

Lab Sheet: 03
Date:

Title: Customization of Queries and Reports in MS Access.

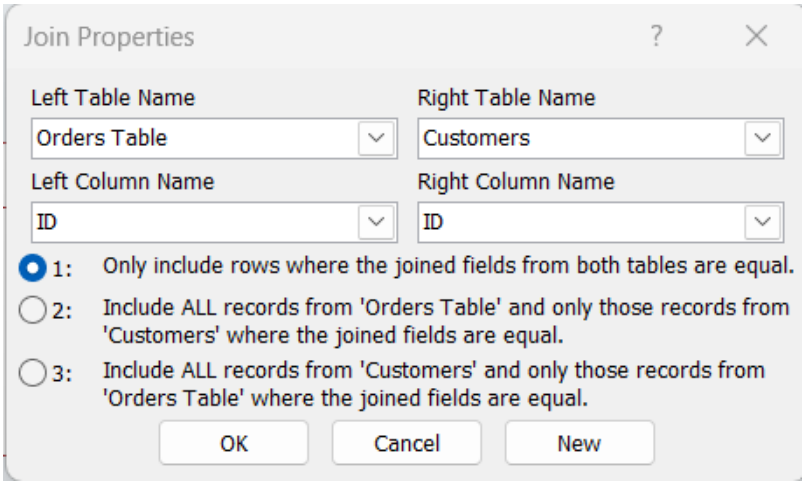
Aims:

- Multi- table Queries.
- Getting practice to create and execute query.
- Getting practice to create Report.

Task 1:

Use the given database files.

1. Add **Customer table** and **Order table.**
2. Select both tables and add to **Query Design.**
3. Join Tables using the **Foreign Key.**
4. From the Customer table add the **First name, Last Name, Street, Address, City, State and Phone number.**
5. From the **Order table** add the **ID, Paid, Pre Order and Pickup Date**
6. Go to **Join Properties** by **Right Clicking** the Line.
7. Perform the **Inner Join** on both Customers table and Order table.



1. Inner Join
2. Left Join
3. Right Join

8. Perform the query design as per the following search criteria and save each query separately.

   Hint: You may need to save each query with a unique name.

   a. Exclude all the customers who are in Chapel Hill.
   b. Limit the customers having the zip code 27603
   c. Retrieve customers who are from a Raleigh city and their corresponding order details
   d. Get the customers who are from Raleigh and having the zip code 27603.
   e. Retrieve the customers who are not from Durham and Chapel Hill.

9. Generate separate reports for each query you designed and save each report.

Task 2:

1. Create a new table and name it as "***Delivery***"

2. Populate the table with following records with the following field names and respective data types.

first_name	last_name	email	gender	age	registered	orders	spent
Joseph	Rice	josephrice131@gmail.com	male	43	2019-05-05	7	568.29
Gary	Moore	garymoore386@gmail.com	male	71	2020-05-20	11	568.92
John	Walker	johnwalker944@gmail.com	male	44	2020-04-04	11	497.12
Eric	Carter	ericcarter176@gmail.com	male	38	2019-01-30	17	834.6
William	Jackson	williamjackson427@gmail.com	male	58	2022-07-01	14	151.59
Nicole	Jones	nicolejones228@gmail.com	female	33	2021-08-07	19	33.17
David	Davis	daviddavis980@gmail.com	male	59	2022-06-16	9	970.96
Jason	Montgome	jasonmontgomery889@gmail.com	male	58	2021-11-13	12	676.2
Kent	Weaver	kentweaver695@gmail.com	male	61	2023-06-11	1	674.37
Darrell	Dillon	darrelldillon573@gmail.com	male	50	2022-09-13	12	750.72

3. Perform the **Right Join** on both Delivery table and Order table.

4. Design a **Form** for Delivery table and make a **drop-down menu** for **gender** section.

5. Add a **Print** Button and **Save** Button to Form that you have designed

6. Perform the query design as per the following search criteria.

   a. Find out the people who placed orders more than 14
   b. Find out the people who is not a male
   c. Find out the People not preordered, and age is less than 60
   d. Find out the Peoples First name who already paid

7. Generate a **report** for Delivery table and customize the report to **only include** "**Sum of All Orders**"

Discussion:

- Inner Join
- Left Join
- Right Join