

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

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**Title:** In Class Assignment 1

**Time allowed:** 90 minutes

**Instructions:**

1. Create a folder on the Desktop named with your registration number, followed by "\_DB"  
*e.g., SEU/IS/22/ICT/000\_DB*
2. Inside the folder, create a Word document and place **your registration number at the top of the document in 14-point font size.**
3. For each question, **include the question number**, and **below it, place the corresponding answer** screenshots in order.
4. Export the Word document to **PDF format** and rename the PDF file with **your registration number.**
5. **The final PDF document should have your answers (screenshots) in an orderly sequence, with the question numbers, ready for submission.**

**Questions:**

1. Create a database named **“Peoples Bank”** to store information about its staffs and do the following tasks:
  - a. Create a table named *‘tbl\_staff’* with the given structure and insert the data below into the *‘tbl\_staff’* table.

Field Name	Data type
emp_id	Autonumber
first_name	Short Text
email	Short Text
gender	Short Text
doj	Date/Time
age	Number
salary	Currency

emp_id	first_name	email	gender	doj	age	salary
1	David	davidbenson257@gmail.com	male	3/30/2022	28	\$111.11
2	Kimberly	kimberlymora513@gmail.com	female	4/22/2023	34	\$208.46
3	Erik	erikmacias904@gmail.com	male	5/3/2023	53	\$439.53
4	James	jamesjohnson681@gmail.com	male	6/30/2022	61	\$394.95
5	Derek	derekpetererson324@gmail.com	male	7/12/2021	34	\$153.80
6	Diane	dianehenson438@gmail.com	female	3/6/2022	25	\$62.52
7	Cody	codylyons721@gmail.com	male	9/3/2022	67	\$43.17

(20 marks)

- b. Create a form based on 'tbl\_staff' and save it as 'frm\_staff'. Remove the 'emp\_id' field from the form and add the following functionable buttons.

Button 1	Next Record
Button 2	Previous Record
Button 3	Delete Record

(15 marks)

- c. Modify the gender field to use a **Combo Box** for selecting gender.

(10 marks)

- d. Re-arrange the **First Name** field in **Ascending order**.

(10 marks)

- e. Create and run below queries

- Create a query named 'query1\_info' to display records only **First name, Gender and Salary**
- Create a query named 'query2\_info' to display the people's details who gets **Salary more than \$50 and less than \$160**
- Create a query named 'query3\_info' to display the people's details who is **not a female and Age is equal to 28**

(15 marks)

2. Create another table named 'tbl\_department'.

- a. Use suitable table structure and include the following dataset.

dep_id	department	post
1	Administration	Manager
2	Teller	Junior teller
3	Loan	Accountant
4	Marketing	Casher

(10 marks)

- b. Create a query named 'query4\_tblJoin' and perform a **Right Join** on the two tables.

(10 marks)

3. Prepare a report based on query named 'tbl\_staff' and save as 'Report\_staff'

(10 marks)