**UNIVERSITY OF BAHRAIN**

**COLLEGE OF INFORMATION TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE**

# ITCS 495/496 – Physical Implementation of DB

## Assignment 4

## Semester I, 2023-2024

*You are to create an APEX application that will do the following:*

|  |  |  |
| --- | --- | --- |
| Task | Marks | Obtained |
| **Q1: Customize the login process through the following:**  Verify the login credentials from the CUSTOMER table (use C\_ID for username and c\_password for password to validate customer). | 2 |  |
| **Q2: Home page:**  Make sure to add three buttons on the home page that do the following:   1. **Display Details**, when pressed, takes the user to the **Display Details** page **(Q3)**. 2. **Display** **Customer Orders**, when pressed, takes the user to the **Customer Orders** Page **(Q4)**.   For each button, write the appropriate behavior. | 0.5  0.5 |  |
| **Q3:** **Display Details:**   1. Create an interactive report that displays **all information** from the **CUSTOMER** table**.** 2. Make sure you display the details of the logged-in customer only. 3. Go back to the Home page when pressing the Home Button | 1  1  0.5 |  |
| **Q4:** Create master-detail between orders table and order\_line (**Customer Orders Page)** as follows:   1. Displays **orders** as the master block. 2. Make sure you display the orders made by logged-in customer only. 3. C\_ID must display the C\_FIRST from the CUSTOMER table (LOV). 4. OS\_ID must display the OS\_DESC from the ORDER\_SOURCE table (LOV). 5. The Order\_line table is the details table. 6. Make sure that the master-detail relationship between the orders and order\_line blocks works correctly. 7. Go to the Home page when pressing the Home Button | 1  1  0.5  0.5  1  1  0.5 |  |