

## Coh4 Batch Final Evaluation - Project

Note:

1. This is a group project, and every group need to complete the below requirements and every individual member in the group will be evaluated by the SME's.
2. Batch will be divided into 7 groups of 4 associates in each group.
3. Do everything only from a new username for your group name.
4. Please use SQL developer version 23 and get that installed atleast in one of the laptops from the group. One member from the group can use the apps schema password in SQL developer
5. Use proper naming conventions throughout the project.

### Custom Table Creation

1. Create a Table name like "XX\_COH4\_PROJECT\_<Emp#>\_tbl with the below columns

Employee\_Number

First\_Name

Last\_Name

Email\_Address

Designation (Value should be one of PAT, PA, A, SA, M, SM, AD)

Year\_of\_birth

Manager

Hire\_Date

End\_Date

Location

Department

- Insert at least 5-10 values into the above table (One row will be your emp details and other row in a table would be some random names or members from your group).
- Employee number should be a sequence as below.  

```
CREATE SEQUENCE XX_EMP_<Emp#>_SEQ  
START WITH 1000  
INCREMENT BY 1  
NOCYCLE;
```
- The Hire date should be a date between 1<sup>st</sup> Jan 2024 and 15<sup>th</sup> March 2024.
- Designation Value should be among (Value should be one of PA, A, SA, M, SM, AD)
- Location should be your base location among Chennai, Bangalore, Kolkata, Pune, Hyderabad, Indore, Noida
- Department should be among (Media, Communication, Retail, Manufacturing, Banking and Finance)

## Custom Lookup Creation

- Create a custom Lookup name like “XX\_COH4\_DESIGNATION\_<Emp#>\_LKP”. Load below value under lookup code and meaning.
  - PA – Program Analyst
  - A - Associate
  - SA – Senior Associate
  - M- Manager
  - SM- Senior Manager
  - AD – Assistant Director

## Custom Value Set Creation

Create a value set name as “XX\_COH4\_DESIGNATION\_<Emp#>\_VS” with validation type as Table.

Write a query to fetch the designation and its description from above created lookup and use it in Value set.

## Concurrent Program Creation

### Package Creation

- Create a package spec and body with name “XX\_COH4\_EMP\_REP\_<Emp#>\_PKG”.
- create a procedure inside the package with one input parameter p\_designation.
- Write logic to display the employee details for the input parameter(p\_designation).

Create a new concurrent program of PL/SQL stored procedure to display Data from the above table “XX\_COH4\_PROJECT\_<Emp#>\_tbl”.

Add one parameter to the concurrent program name p\_designation assign the above created value set to this parameter.

Show the output to display the employee details for the input designation parameter.

The program should run only from your own created custom responsibility.

## XML PUBLISHER REPORT

Create the XML publisher reports using the Data template XML file for below logic.

Display the purchase order details (Like PO Number, PO Type and Vendor Name and PO Creation Date) created in the last 30 days group by Vendor Name.

Join the apps.po\_headers\_all and apps.ap\_suppliers table to derive the above information.

Create the program name, Data definition and template with naming convention “XX\_COH4\_PO\_REP\_<Emp#>”.

## **INTERFACES**

Use the same above created table XX\_COH4\_PROJECT\_<Emp#>.tbl and create a control file with proper naming conventions to add additional data to the existing for the same fields on the table XX\_COH4\_PROJECT\_<Emp#>.tbl.

Note:

1. DO NOT Load any data, we just need the control file to be created and explain the process of an inbound and outbound interface when questioned by the SME during the evaluation.
2. Be prepared for any oral evaluation as well on the process of conversion or Interface.