Oracle Pluggable Database Assignment Report

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1. Overview of Tasks This assignment focused on Oracle Pluggable Databases (PDBs) and Oracle Enterprise Manager (OEM). The tasks included:

1. Creating a new PDB (IZ_PDB_27144) and an admin user (izabayo_plsqlauca_27144).

2. Creating and deleting another PDB (IZ_to_delete_pdb_27144).

3. Configuring and accessing Oracle Enterprise Manager Express.

2. Task 1: Create a New PDB

PDB Name: IZ_PDB_27144 Admin Username: izabayo_plsqlauca_27144

Password: **********

Steps Performed:

1. **Logged in as SYSDBA:**
2. **Sql used :sqlplus / as sysdba**

3. Creating the PDB:

Sql used: CREATE PLUGGABLE DATABASE iz_pdb_27144

ADMIN USER izabayo_plsqlauca_27144 IDENTIFIED BY "Ora#27144"

DEFAULT TABLESPACE users

```
C:\Windows\system32\cmd.exe - sqlplus                                                    —    □    ×
SQL> CREATE PLUGGABLE DATABASE iz_pdb_27144
  2    ADMIN USER izabayo_plsqlauca_27144 IDENTIFIED BY "Ora#27144"
  3    FILE_NAME_CONVERT = (
  4      'C:\APP\P.A.R.F.A.I.T\PRODUCT\23AI\ORADATA\FREE\PDBSEED',
  5      'C:\APP\P.A.R.F.A.I.T\PRODUCT\23AI\ORADATA\FREE\IZ_PDB_27144'
  6    );

Pluggable database created.

SQL> ALTER PLUGGABLE DATABASE iz_pdb_27144 OPEN;

Pluggable database altered.

SQL> SELECT NAME, OPEN_MODE FROM V$PDBS;

NAME
--------------------------------------------------------------------------------
OPEN_MODE
----------
PDB$SEED
READ ONLY

FREEPDB1
READ WRITE

IZ_PDB_27144
READ WRITE


SQL>
```

4. Task 2: Create and Delete a PDB

PDB Name should be names : IZ_to_delete_pdb_27144

Steps Performed:

CREATE PLUGGABLE DATABASE iz_to_delete_pdb_27144

  ADMIN USER izabayo_plsqlauca_27144 IDENTIFIED BY "Ora#27144";

ALTER PLUGGABLE DATABASE iz_to_delete_pdb_27144 OPEN;

SELECT NAME, OPEN_MODE FROM V$PDBS WHERE NAME LIKE 'IZ_TO_DELETE_PDB_27144';

deleting the PDB:

<u>sql used</u>

ALTER PLUGGABLE DATABASE iz_to_delete_pdb_27144 CLOSE IMMEDIATE;

DROP PLUGGABLE DATABASE iz_to_delete_pdb_27144 INCLUDING DATAFILES;

```
----------
PDB$SEED
READ ONLY

FREEPDB1
READ WRITE

IZ_PDB_27144
READ WRITE


NAME
--------------------------------------------------------------------------
OPEN_MODE
----------
IZ_TO_DELETE_PDB_27144
READ WRITE

SQL> ALTER PLUGGABLE DATABASE iz_to_delete_pdb_27144 CLOSE IMMEDIATE;

Pluggable database altered.

SQL> DROP PLUGGABLE DATABASE iz_to_delete_pdb_27144 INCLUDING DATAFILES;

Pluggable database dropped.

SQL> SELECT NAME, OPEN_MODE FROM V$PDBS;

NAME
--------------------------------------------------------------------------
OPEN_MODE
----------
PDB$SEED
READ ONLY

FREEPDB1
READ WRITE

IZ_PDB_27144
READ WRITE

SQL>
```

5. Task 3: Oracle Enterprise Manager (OEM)

 Steps Performed:

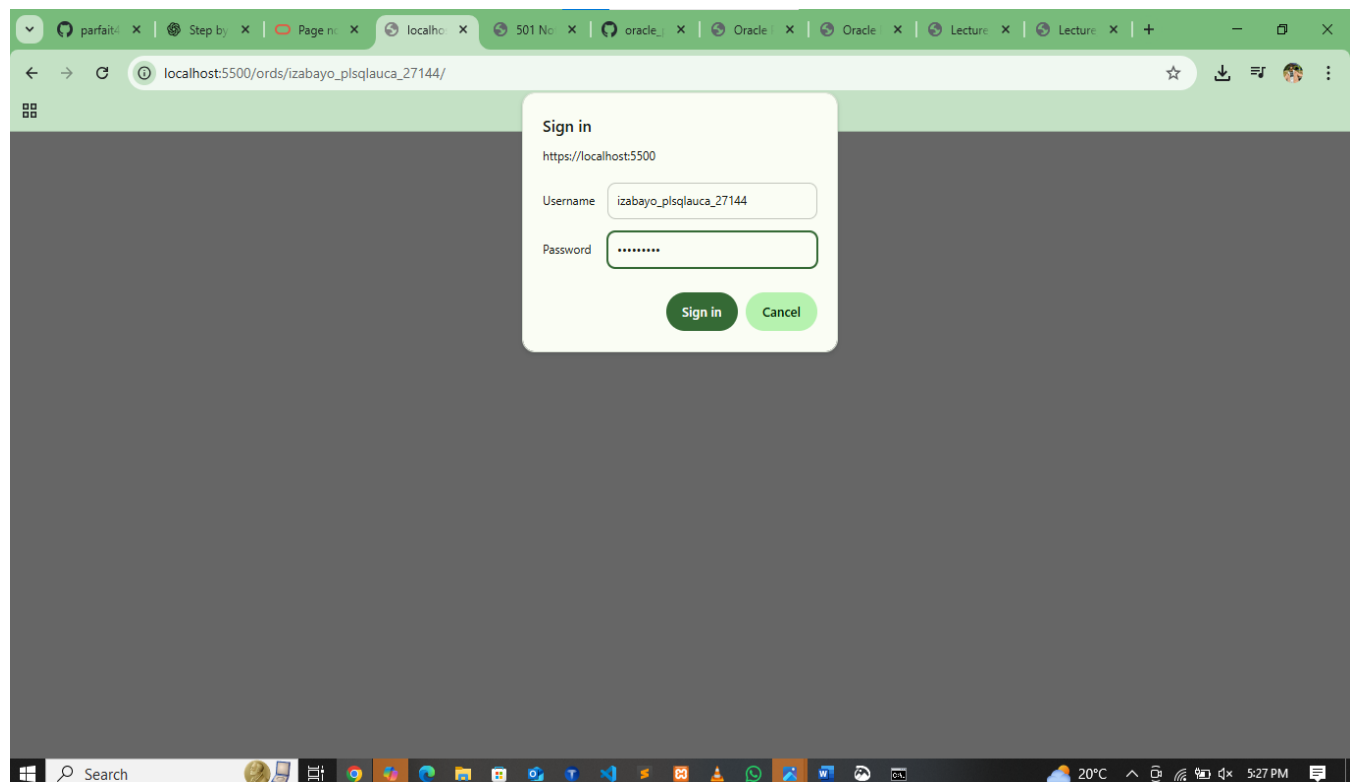1. Verified OEM port and status

   sql used

SELECT DBMS_XDB_CONFIG.GETHTTPSPORT() FROM DUAL;

Result: 5500 → OEM enabled.

Then I opened the browser and I put this url in the search box

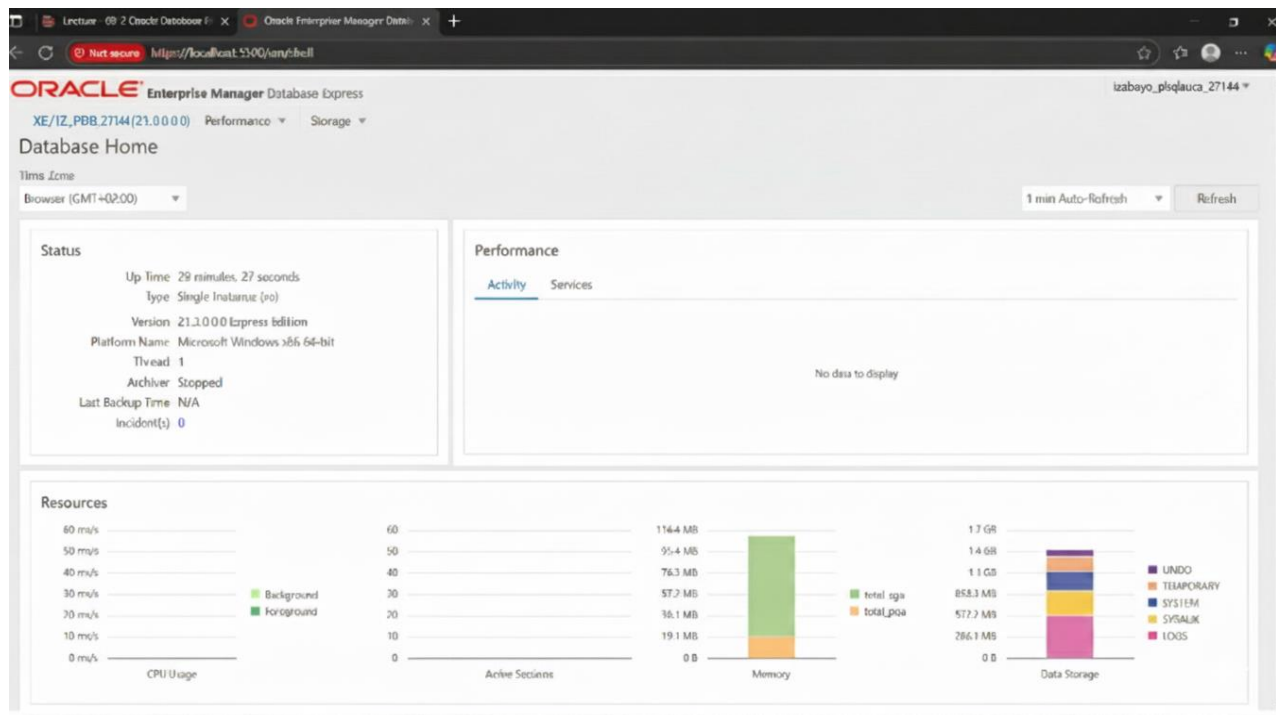**https://localhost:5500/em/**

Logged in with:

• **Username: izabayo_plsqlauca_27144**

• **Password: **********

OUT PUT

Thank you