
Oracle Pluggable Database Assignment Report

Name: IZABAYO Parfait

Student ID: 27144

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**

```
C:\Windows\system32\cmd.exe - sqlplus / as sysdba
Microsoft Windows [Version 10.0.19045.6332]
(c) Microsoft Corporation. All rights reserved.

C:\Users\SAM TECH>sqlplus / as sysdba

SQL*Plus: Release 23.0.0.0.0 - Production on Mon Oct 6 16:28:38 2025
Version 23.9.0.25.07

Copyright (c) 1982, 2025, Oracle. All rights reserved.

Connected to:
Oracle Database 23ai Free Release 23.0.0.0.0 - Develop, Learn, and Run for Free
Version 23.9.0.25.07

SQL> _
```

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';**

```
C:\Windows\system32\cmd.exe - sqlplus
*
ERROR at line 1:
ORA-65011: Pluggable database IZ_TO_DELETE_PDB_27144 does not exist.
Help: https://docs.oracle.com/error-help/db/ora-65011/

SQL> CREATE PLUGGABLE DATABASE iz_to_delete_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_TO_DELETE_PDB_27144'
  6   );

Pluggable database created.

SQL> ALTER PLUGGABLE DATABASE iz_to_delete_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

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

SQL>
```

deleting the PDB:

sql used

ALTER PLUGGABLE DATABASE iz_to_delete_pdb_27144 CLOSE IMMEDIATE;

DROP PLUGGABLE DATABASE iz_to_delete_pdb_27144 INCLUDING DATAFILES;

```
C:\Windows\system32\cmd.exe - sqlplus
-----
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

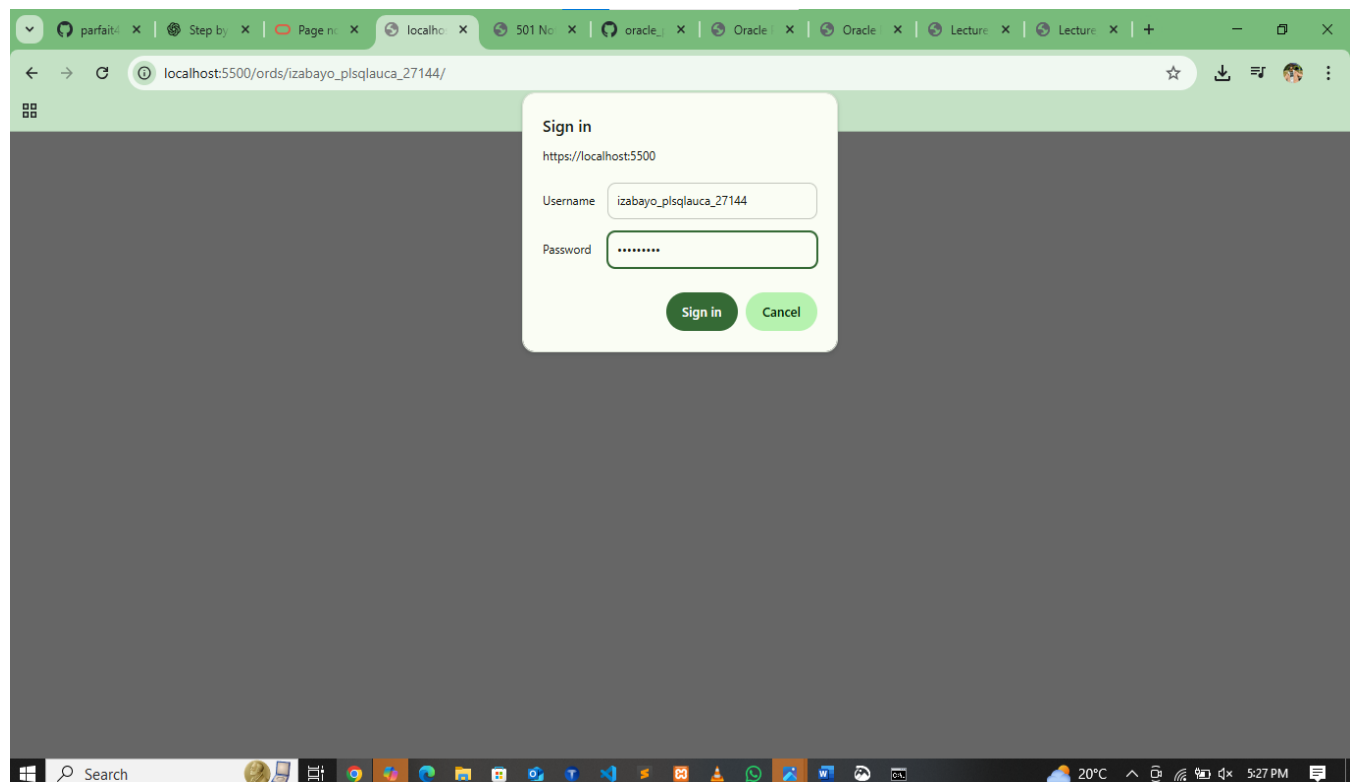
```
SELECT DBMS_XDB_CONFIG.GETHTTPSPORT() FROM DUAL;
```

```
C:\Windows\system32\cmd.exe - sqlplus
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> SELECT DBMS_XDB_CONFIG.GETHTTPSPORT() FROM DUAL;
DBMS_XDB_CONFIG.GETHTTPSPORT()
-----
0
SQL> EXEC DBMS_XDB_CONFIG.SETHTTPSPORT(5500);
PL/SQL procedure successfully completed.
SQL> SELECT DBMS_XDB_CONFIG.GETHTTPSPORT() FROM DUAL;
DBMS_XDB_CONFIG.GETHTTPSPORT()
-----
5500
SQL>
```

Result: 5500 → OEM enabled.

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

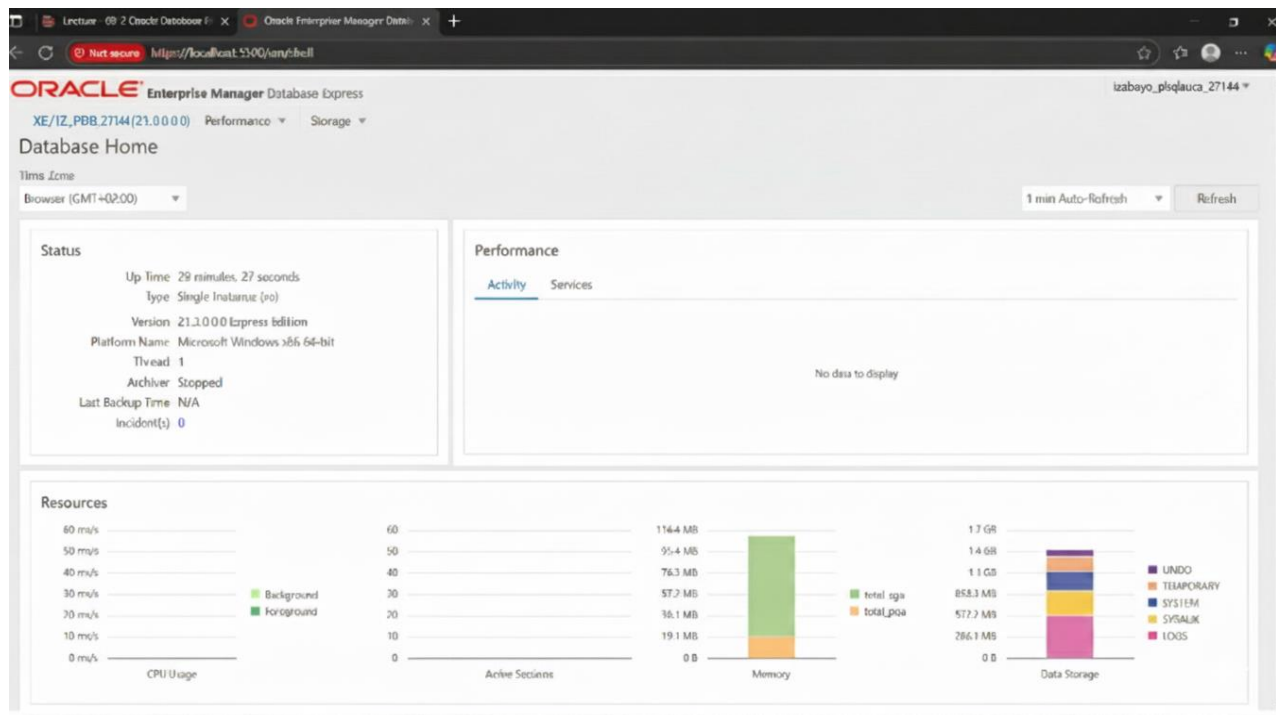
<https://localhost:5500/em/>



Logged in with:

- Username: izabayo_plsqlauca_27144
- Password: *****

OUT PUT



Thank you