----------------------------- Tạo và mở Pluggable Database mới PIMpdb và mở ------------------

* C:\Users\tranh>sqlplus / as sysdba
* SQL> connect sys/mypassword@localhost:1521/orcl2 as sysdba;

Connected.

* SQL> create pluggable database PIMpdb admin user PIMadmin identified by mypassword ROLES=(DBA) file\_name\_convert=('pdbseed','PIMpdb');

Pluggable database created.

* SQL> alter pluggable database PIMpdb OPEN;

Pluggable database altered.

* SQL> connect sys/mypassword@localhost:1521/PIMpdb as sysdba;

Connected.

* -------------------------------- Tạo user ----------------------

SQL> create user benhnhan identified by mypassword;

User created.

SQL> create user bacsi identified by mypassword;

User created.

SQL> create user quanly identified by mypassword;

User created.

SQL> create user rootdata identified by mypassword;

User created.

----------------------------------------------------- Tạo Tablespace và gán cho user ----------------

SQL> create tablespace tbsPIM datafile 'D:\oracledata\oradata\ORCL2\PIMPDB\PIM\_data\_01.dbf' SIZE 20M;

Tablespace created.

SQL> alter user rootdata default tablespace tbsPIM quota unlimited on tbsPIM;

User altered.

SQL> alter user benhnhan default tablespace tbsPIM quota 1M on tbsPIM;

User altered.

SQL> alter user bacsi default tablespace tbsPIM quota 1M on tbsPIM;

User altered.

SQL> alter user quanly default tablespace tbsPIM quota 1M on tbsPIM;

User altered.

--------------------------------------------------------- Phân quyền cho các user -------------------------

SQL> grant dba to rootdata;

SQL> grant create session to rootdata;

SQL> grant all privileges to rootdata with admin option;

Grant succeeded.

Grant succeeded.

SQL> create role benhnhanrole;

Role created.

SQL> create role bacsirole;

Role created.

SQL> create role quanlyrole;

Role created.

---------- Tạo connection bằng rootdata / PIMpdb trong SQL developer (tiếp tục phân quyền) --------------

* Trong connection rootdata, tạo các bảng, procedure và thêm các dữ liệu.

+ role bệnh nhân

grant create session to benhnhanrole;

grant execute on proc\_bacsi\_laybacsi\_theobenhnhan to benhnhanrole;

grant execute on proc\_benhnhan\_laybenhnhan\_theobenhnhan to benhnhanrole;

grant execute on proc\_cabenh\_laycabenh\_theobenhnhan to benhnhanrole;

grant execute on proc\_dieuphoithietbi\_laydieuphoithietbi\_theobenhnhan to benhnhanrole;

grant execute on proc\_phongbenh\_layphongbenh to benhnhanrole;

grant execute on proc\_lichhenkham\_laylichhenkham\_theobenhnhan to benhnhanrole;

grant execute on proc\_hoadonvienphi\_layhoadonvienphi\_theobenhnhan to benhnhanrole;

grant execute on proc\_lichhenkham\_xoa1lichhenkham to benhnhanrole;

grant execute on proc\_lichhenkham\_them1lichhenkham to benhnhanrole;

grant execute on proc\_lichhenkham\_laylichhenkham to benhnhanrole;

grant execute on proc\_lichhenkham\_bndaxem to benhnhanrole;

grant benhnhanrole to benhnhan;

+ role bác sĩ

grant create session to bacsirole;

grant execute on proc\_bacsi\_laybacsi to bacsirole;

grant execute on proc\_benh\_laybenh to bacsirole;

grant execute on proc\_benhnhan\_laybenhnhan to bacsirole;

grant execute on proc\_bacsi\_laybacsi\_theobacsi to bacsirole;

grant execute on proc\_cabenh\_sua1cabenh\_theobacsi to bacsirole;

grant execute on proc\_cabenh\_laycabenh\_theobacsi to bacsirole;

grant execute on proc\_dieuphoithietbi\_sua1dieuphoithietbi\_theobacsi to bacsirole;

grant execute on proc\_dieuphoithietbi\_them1dieuphoithietbi\_theobacsi to bacsirole;

grant execute on proc\_dieuphoithietbi\_laydieuphoithietbi\_theobacsi to bacsirole;

grant execute on proc\_dieuphoithietbi\_xoa1dieuphoithietbi to bacsirole;

grant execute on proc\_phongbenh\_layphongbenh to bacsirole;

grant execute on proc\_thietbiyte\_laythietbiyte to bacsirole;

grant execute on proc\_cabenh\_laybenh\_theobacsi to bacsirole;

grant execute on proc\_thuoc\_laythuoc to bacsirole;

grant execute on proc\_kethuoc\_them1kethuoc to bacsirole;

grant execute on proc\_lichhenkham\_laylichhenkham\_theobacsi to bacsirole;

grant execute on proc\_kethuoc\_laykethuoc\_theobs to bacsirole;

grant execute on proc\_kethuoc\_laykethuoc\_theoca to bacsirole;

grant bacsirole to bacsi;

+ role quản lý

grant create session to quanlyrole;

grant execute on proc\_bacsi\_sua1bacsi to quanlyrole;

grant execute on proc\_bacsi\_them1bacsi to quanlyrole;

grant execute on proc\_bacsi\_laybacsi to quanlyrole;

grant execute on proc\_bacsi\_xoa1bacsi to quanlyrole;

grant execute on proc\_benh\_sua1benh to quanlyrole;

grant execute on proc\_benh\_them1benh to quanlyrole;

grant execute on proc\_benh\_laybenh to quanlyrole;

grant execute on proc\_benh\_xoa1benh to quanlyrole;

grant execute on proc\_benhnhan\_sua1benhnhan to quanlyrole;

grant execute on proc\_benhnhan\_them1benhnhan to quanlyrole;

grant execute on proc\_benhnhan\_laybenhnhan to quanlyrole;

grant execute on proc\_benhnhan\_xoa1benhnhan to quanlyrole;

grant execute on proc\_cabenh\_laybacsi\_theobenh to quanlyrole;

grant execute on proc\_cabenh\_sua1cabenh to quanlyrole;

grant execute on proc\_cabenh\_them1cabenh to quanlyrole;

grant execute on proc\_cabenh\_laycabenh to quanlyrole;

grant execute on proc\_cabenh\_xoa1cabenh to quanlyrole;

grant execute on proc\_dieuphoithietbi\_sua1dieuphoithietbi to quanlyrole;

grant execute on proc\_dieuphoithietbi\_them1dieuphoithietbi to quanlyrole;

grant execute on proc\_dieuphoithietbi\_laydieuphoithietbi to quanlyrole;

grant execute on proc\_dieuphoithietbi\_xoa1dieuphoithietbi to quanlyrole;

grant execute on proc\_phongbenh\_sua1phongbenh to quanlyrole;

grant execute on proc\_phongbenh\_them1phongbenh to quanlyrole;

grant execute on proc\_phongbenh\_layphongbenh to quanlyrole;

grant execute on proc\_phongbenh\_xoa1phongbenh to quanlyrole

grant execute on proc\_taikhoan\_sua1taikhoan to quanlyrole;

grant execute on proc\_taikhoan\_them1taikhoan to quanlyrole;

grant execute on proc\_taikhoan\_laytaikhoan to quanlyrole;

grant execute on proc\_taikhoan\_xoa1taikhoan to quanlyrole;

grant execute on proc\_thietbiyte\_sua1thietbiyte to quanlyrole;

grant execute on proc\_thietbiyte\_them1thietbiyte to quanlyrole;

grant execute on proc\_thietbiyte\_laythietbiyte to quanlyrole;

grant execute on proc\_thietbiyte\_xoa1thietbiyte to quanlyrole;

grant execute on proc\_thuoc\_laythuoc to quanlyrole;

grant execute on proc\_thuoc\_them1thuoc to quanlyrole;

grant execute on proc\_thuoc\_sua1thuoc to quanlyrole;

grant execute on proc\_thuoc\_xoa1thuoc to quanlyrole;

grant execute on proc\_kethuoc\_laykethuocchitiet to quanlyrole;

grant execute on proc\_lichhenkham\_laylichhenkham\_quanly to quanlyrole;

grant execute on proc\_lichhenkham\_laylichhenkham to quanlyrole;

grant execute on proc\_lichhenkham\_qlxacnhan to quanlyrole;

grant execute on proc\_thongke\_laydoanhthu to quanlyrole;

grant execute on proc\_thongke\_layluongcabenh to quanlyrole;

grant execute on proc\_thongke\_laytop5benh to quanlyrole;

grant execute on proc\_thongke\_laytop5no to quanlyrole;

grant execute on proc\_thongke\_laynam to quanlyrole;

grant execute on proc\_hoadonvienphi\_layhoadonvienphi to quanlyrole;

grant execute on proc\_hoadonvienphi\_xacnhanthanhtoan to quanlyrole;

grant quanlyrole to quanly;