-- Kết nối với CDB với quyền SYSDBA

sqlplus / as sysdba

-- 1. Tạo PDB BOOKING\_PDB và user admin

CREATE PLUGGABLE DATABASE booking\_pdb

ADMIN USER admin IDENTIFIED BY 123456789

ROLES=(DBA)

DEFAULT TABLESPACE users

FILE\_NAME\_CONVERT=('pdbseed', 'booking\_pdb');

ALTER PLUGGABLE DATABASE booking\_pdb OPEN READ WRITE;

ALTER PLUGGABLE DATABASE booking\_pdb SAVE STATE;

-- Chuyển phiên làm việc vào PDB

ALTER SESSION SET CONTAINER=booking\_pdb;

-- 2. Tạo tablespace BOOKING\_DATA

CREATE TABLESPACE booking\_data

DATAFILE ' booking\_data01.dbf'

SIZE 100M AUTOEXTEND ON NEXT 10M MAXSIZE UNLIMITED;

-- 3. Tạo user BOOKING\_APP

CREATE USER booking\_app IDENTIFIED BY 12345678

DEFAULT TABLESPACE booking\_data

QUOTA UNLIMITED ON booking\_data;

GRANT CONNECT, RESOURCE TO booking\_app;

GRANT DBA TO booking\_app;

-- (Tạo các bảng trong schema booking\_app ở đây, ví dụ:)

-- CREATE TABLE booking\_app.nguoidung(...);

-- CREATE TABLE booking\_app.khachhang(...);

-- CREATE TABLE booking\_app.doanhnghiep(...);

-- 4. Tạo user NGUOIDUNG\_USER

CREATE USER nguoidung\_user IDENTIFIED BY 12345678

DEFAULT TABLESPACE booking\_data

QUOTA UNLIMITED ON booking\_data;

GRANT CONNECT TO nguoidung\_user;

GRANT SELECT ANY TABLE TO nguoidung\_user;

-- 5. Cấp quyền INSERT

GRANT INSERT ON booking\_app.nguoidung TO nguoidung\_user;

GRANT INSERT ON booking\_app.khachhang TO nguoidung\_user;

GRANT INSERT ON booking\_app.doanhnghiep TO nguoidung\_user;

-- 6. Tạo sequence và trigger tự động tăng ID cho bảng NGUOIDUNG

CREATE SEQUENCE booking\_app.seq\_nguoidung

START WITH 1 INCREMENT BY 1 NOCACHE NOCYCLE;

CREATE OR REPLACE TRIGGER booking\_app.trg\_nguoidung\_id

BEFORE INSERT ON booking\_app.nguoidung

FOR EACH ROW

BEGIN

SELECT booking\_app.seq\_nguoidung.NEXTVAL

INTO :new.id

FROM dual;

END;

/

-- 7. Tạo các user dn\_ks và dn\_pt, cấp quyền

CREATE USER dn\_ks IDENTIFIED BY 123

DEFAULT TABLESPACE booking\_data QUOTA UNLIMITED ON booking\_data;

CREATE USER dn\_pt IDENTIFIED BY 123

DEFAULT TABLESPACE booking\_data QUOTA UNLIMITED ON booking\_data;

GRANT CONNECT TO dn\_ks, dn\_pt;

GRANT SELECT ANY TABLE TO dn\_ks, dn\_pt;

GRANT INSERT, UPDATE, DELETE ON booking\_app.phong\_dangtai TO dn\_ks;

GRANT INSERT, UPDATE, DELETE ON booking\_app.chuyen\_dangtai To dn\_pt;