-- Mot he thong dat cho ve may bay dc dac ta boi 3 quan he sau day

-- Chuyen Bay (MaChuyenBay PK, Ngay Bay, Noi di, noi den, SL ghe dat, Sl ghe co)

-- Khach Hang (SoCmnd PK, tenKH, DiaChi, STK)

-- ChuyenBayKH (MaChuyenBay, SoCmnd, Ngay dat cho, ghichu)

-- yeu cau: Viet thuv tuc dung de dat cho cho chuyen bay vs nhung task sau day,

-- 1. Yeu cau ngdung nhap vao cac thong so: MaChuyenBay, NgayDatVe, TTKH va nhung yeu cau dac biet

-- 2. Khi 1 Kh goi dat cho or book online, Ktra chuyen bay do co con ghe trong hay k, neu con thi cap nhat sl ghe dat +1,

-- cap nhat toan bo tt vao chuyen bay KH, trong Quatrinh viet thu tuc, ban can phai kiem tra, Kh do la moi hay cu. Neu KH moi thi add du lieu vao bang KH

create database VeBay

go

use VeBay

create table CHUYENBAY(

MaCB nvarchar(50) primary key,

NgayBay date,

NoiDi nvarchar(50),

NoiDen nvarchar(50),

SLGheDat int,

SLGhe int

)

create table KHACHHANG(

CMND nvarchar(50) primary key,

TenKH nvarchar(50),

DiaChi nvarchar(50),

STK nvarchar(50)

)

create table ChuyenBayKH(

MaCB nvarchar(50),

CMND nvarchar(50),

NgayDC date,

GhiChu nvarchar(50),

constraint PK\_CBKH primary key (MaCB, CMND),

constraint PK\_MACB foreign key (MaCB) references CHUYENBAY(MaCB),

constraint PK\_CMND foreign key (CMND) references KHACHHANG(CMND)

)

insert into CHUYENBAY values ('1', '10/06/2019', 'Da Nang', 'Ha Noi', 0, 5);

insert into KHACHHANG values ('1335555777777', 'Nguyen Van A', 'Da Nang', '421123232412');

go

create proc DatVe(@CMND nvarchar(50), @TenKh nvarchar(50), @DiaChi nvarchar(50),

@STK nvarchar(50), @MaCB nvarchar(50), @NgayDat date, @GhiChu nvarchar(50)

)

as

begin

declare @soghe int;

declare @ghedat int;

if exists (select 'true' from CHUYENBAY where MaCB = @MaCB)

begin

set @soghe = (select SLGhe from CHUYENBAY where MaCB = @MaCB);

set @ghedat = (select SLGheDat from CHUYENBAY where MaCB = @MaCB);

if @soghe <= @ghedat print N'Full Ghe';

else

if not exists (select 'true' from KHACHHANG where CMND = @CMND)

begin

insert into KHACHHANG values (@CMND, @TenKh, @DiaChi, @STK);

insert into ChuyenBayKH values (@MaCB, @CMND, @NgayDat, @GhiChu);

set @ghedat = @ghedat + 1;

update CHUYENBAY set SLGheDat = @ghedat where MaCB = @MaCB;

print N'Them KH va Dat Ve Thanh Cong';

end

else

begin

insert into ChuyenBayKH values (@MaCB, @CMND, @NgayDat, @GhiChu);

set @ghedat = @ghedat + 1;

update CHUYENBAY set SLGheDat = @ghedat where MaCB = @MaCB;

print N'Dat Ve Ok';

end

end

else print N'Ma Chuyen Bay Khong Ton tai';

end

exec DatVe '1335555777777', '','','','1','11/01/2019', 'An Chay';

exec DatVe '321731', 'Thanh Mai','Quang nam','42112321832','1','11/01/2019', 'An Chay';

exec DatVe '3217312', 'Thanh Mai','Quang nam','42112321832','1','11/01/2019', 'An Chay';

exec DatVe '3217311', 'Thanh Mai','Quang nam','42112321832','1','11/01/2019', 'An Chay';

exec DatVe '3217314', 'Thanh Mai','Quang nam','42112321832','1','11/01/2019', 'An Chay';