-- 1. Tạo database

CREATE DATABASE HotelManagement;

GO

USE HotelManagement;

GO

-- 2. Tạo bảng AccountType

CREATE TABLE AccountType (

AccountTypeID INT IDENTITY(1,1) PRIMARY KEY,

TypeName NVARCHAR(50) NOT NULL,

MinPoint INT NOT NULL,

Description NVARCHAR(255) NULL

);

-- 3. Tạo bảng Account

CREATE TABLE Account (

account\_id INT IDENTITY(1,1) PRIMARY KEY,

AccountTypeID INT NULL,

email NVARCHAR(100) NOT NULL,

password\_hash NVARCHAR(256) NOT NULL,

full\_name NVARCHAR(100) NOT NULL,

phone NVARCHAR(20) NULL,

role NVARCHAR(20) NOT NULL,

status BIT NULL,

created\_at DATETIME NULL,

avatar NVARCHAR(255) NULL,

CONSTRAINT FK\_Account\_AccountType FOREIGN KEY (AccountTypeID) REFERENCES AccountType(AccountTypeID)

);

-- 4. Tạo bảng AccountPoint

CREATE TABLE AccountPoint (

AccountPointID INT IDENTITY(1,1) PRIMARY KEY,

account\_id INT NOT NULL,

Point INT NOT NULL DEFAULT 0,

LastUpdate DATETIME NOT NULL DEFAULT (GETDATE()),

CONSTRAINT FK\_AccountPoint\_Account FOREIGN KEY (account\_id) REFERENCES Account(account\_id)

);

-- 5. Tạo bảng Voucher

CREATE TABLE Voucher (

VoucherID INT IDENTITY(1,1) PRIMARY KEY,

VoucherCode NVARCHAR(50) NOT NULL,

Description NVARCHAR(255) NULL,

DiscountPercent INT NULL,

ExpiryDate DATETIME NULL

);

-- 6. Tạo bảng RoomTypes

CREATE TABLE RoomTypes (

RoomTypeID INT IDENTITY(1,1) PRIMARY KEY,

TypeName NVARCHAR(100) NULL,

Description NVARCHAR(255) NULL,

MaxOccupancy INT NULL,

BasePrice DECIMAL(18,2) NULL

);

-- 7. Tạo bảng Rooms

CREATE TABLE Rooms (

RoomID INT IDENTITY(1,1) PRIMARY KEY,

RoomNumber NVARCHAR(50) NULL,

RoomTypeID INT NULL,

PricePerNight DECIMAL(18,2) NULL,

OriginalPrice DECIMAL(18,2) NULL,

Rating FLOAT NULL,

ImageUrl NVARCHAR(255) NULL,

Location NVARCHAR(100) NULL,

Details NVARCHAR(MAX) NULL,

Amenities NVARCHAR(255) NULL,

CONSTRAINT FK\_Rooms\_RoomTypes FOREIGN KEY (RoomTypeID) REFERENCES RoomTypes(RoomTypeID)

);

-- 8. Tạo bảng RoomDetail

CREATE TABLE RoomDetail (

RoomID INT PRIMARY KEY,

Description NVARCHAR(MAX) NULL,

Image1 NVARCHAR(255) NULL,

Image2 NVARCHAR(255) NULL,

Image3 NVARCHAR(255) NULL,

Image4 NVARCHAR(255) NULL,

Services NVARCHAR(255) NULL,

CONSTRAINT FK\_RoomDetail\_Room FOREIGN KEY (RoomID) REFERENCES Rooms(RoomID)

);

-- 9. Tạo bảng Bookings

CREATE TABLE Bookings (

BookingID INT IDENTITY(1,1) PRIMARY KEY,

account\_id INT NULL,

RoomID INT NULL,

BookingDate DATE NULL,

CheckInDate DATE NULL,

CheckOutDate DATE NULL,

NumberOfGuests INT NULL,

Status NVARCHAR(50) NULL,

CheckInStatus NVARCHAR(50) NULL,

CheckOutStatus NVARCHAR(50) NULL,

VoucherID INT NULL,

CONSTRAINT FK\_Bookings\_Account FOREIGN KEY (account\_id) REFERENCES Account(account\_id),

CONSTRAINT FK\_Bookings\_Room FOREIGN KEY (RoomID) REFERENCES Rooms(RoomID),

CONSTRAINT FK\_Bookings\_Voucher FOREIGN KEY (VoucherID) REFERENCES Voucher(VoucherID)

);

-- 10. Tạo bảng Promotion

CREATE TABLE Promotion (

PromotionID INT IDENTITY(1,1) PRIMARY KEY,

PromotionStatus NVARCHAR(50) NULL,

Value DECIMAL(10,2) NULL,

StartDate DATE NULL,

EndDate DATE NULL,

Content NVARCHAR(255) NULL

);

-- 13. Tạo bảng Services

CREATE TABLE Services (

ServiceID INT IDENTITY(1,1) PRIMARY KEY,

ServiceName NVARCHAR(100) NULL,

Category NVARCHAR(50) NULL,

PurchasePrice DECIMAL(10,2) NULL,

SalePrice DECIMAL(10,2) NULL,

IsReturnable BIT NULL,

Quantity INT NULL,

ManufactureDate DATE NULL,

ExpiryDate DATE NULL,

Description NVARCHAR(255) NULL,

UsageStatus NVARCHAR(50) NULL

);

-- 11. Tạo bảng Invoice

CREATE TABLE Invoice (

InvoiceID INT IDENTITY(1,1) PRIMARY KEY,

BookingID INT NULL,

PromotionID INT NULL,

staff\_account\_id INT NULL,

InvoiceDate DATE NULL,

Tax DECIMAL(10,2) NULL,

OriginalTotal DECIMAL(10,2) NULL,

FinalTotal DECIMAL(10,2) NULL,

CONSTRAINT FK\_Invoice\_Booking FOREIGN KEY (BookingID) REFERENCES Bookings(BookingID),

CONSTRAINT FK\_Invoice\_Promotion FOREIGN KEY (PromotionID) REFERENCES Promotion(PromotionID),

CONSTRAINT FK\_Invoice\_Staff FOREIGN KEY (staff\_account\_id) REFERENCES Account(account\_id)

);

-- 12. Tạo bảng InvoiceDetail

CREATE TABLE InvoiceDetail (

InvoiceDetailID INT IDENTITY(1,1) PRIMARY KEY,

InvoiceID INT NULL,

ServiceID INT NULL,

RoomID INT NULL,

Quantity INT NULL,

ReturnedDrinkQuantity INT NULL,

RoomRentalTotal DECIMAL(10,2) NULL,

ServiceTotal DECIMAL(10,2) NULL,

GrandTotal DECIMAL(10,2) NULL,

Surcharge DECIMAL(10,2) NULL,

CONSTRAINT FK\_InvoiceDetail\_Invoice FOREIGN KEY (InvoiceID) REFERENCES Invoice(InvoiceID),

CONSTRAINT FK\_InvoiceDetail\_Service FOREIGN KEY (ServiceID) REFERENCES Services(ServiceID),

CONSTRAINT FK\_InvoiceDetail\_Room FOREIGN KEY (RoomID) REFERENCES Rooms(RoomID)

);

-- 14. Tạo bảng Payments

CREATE TABLE Payments (

PaymentID INT IDENTITY(1,1) PRIMARY KEY,

account\_id INT NULL,

BookingID INT NULL,

Amount DECIMAL(18,2) NULL,

ServiceAmount DECIMAL(18,2) NULL,

PaymentTime DATETIME NULL,

Status NVARCHAR(20) NULL DEFAULT 'Pending',

Note NVARCHAR(255) NULL,

StaffFeedback NVARCHAR(255) NULL,

staff\_account\_id INT NULL,

ConfirmedAt DATETIME NULL,

CONSTRAINT FK\_Payments\_Account FOREIGN KEY (account\_id) REFERENCES Account(account\_id),

CONSTRAINT FK\_Payments\_Booking FOREIGN KEY (BookingID) REFERENCES Bookings(BookingID),

CONSTRAINT FK\_Payments\_Staff FOREIGN KEY (staff\_account\_id) REFERENCES Account(account\_id)

);

-- 15. Tạo bảng Reviews

CREATE TABLE Reviews (

reviewId INT IDENTITY(1,1) PRIMARY KEY,

name NVARCHAR(100) NULL,

content NVARCHAR(MAX) NULL,

imageUrl NVARCHAR(255) NULL,

rating INT NULL

);

-- 16. Tạo bảng Gallery

CREATE TABLE Gallery (

id INT IDENTITY(1,1) PRIMARY KEY,

imageUrl VARCHAR(255) NULL,

title NVARCHAR(100) NULL,

description NVARCHAR(255) NULL,

linkUrl VARCHAR(255) NULL

);

-- 17. Tạo bảng RefundRequest

CREATE TABLE RefundRequest (

RequestID INT IDENTITY(1,1) PRIMARY KEY,

BookingID INT NOT NULL,

account\_id INT NOT NULL,

RoomID INT NOT NULL,

RequestDate DATETIME DEFAULT GETDATE(),

Status NVARCHAR(20) DEFAULT 'Pending', -- Pending, Approved, Rejected

RefundAmount DECIMAL(18,2),

BankInfo NVARCHAR(255),

staff\_account\_id INT, -- Nhân viên xử lý

ResponseDate DATETIME,

CONSTRAINT FK\_RefundRequest\_Booking FOREIGN KEY (BookingID) REFERENCES Bookings(BookingID),

CONSTRAINT FK\_RefundRequest\_Account FOREIGN KEY (account\_id) REFERENCES Account(account\_id),

CONSTRAINT FK\_RefundRequest\_Room FOREIGN KEY (RoomID) REFERENCES Rooms(RoomID),

CONSTRAINT FK\_RefundRequest\_Staff FOREIGN KEY (staff\_account\_id) REFERENCES Account(account\_id)

);

-- Thêm các loại tài khoản

INSERT INTO AccountType (TypeName, MinPoint, Description) VALUES

(N'Admin', 0, N'Quản trị viên toàn hệ thống'),

(N'Manager', 0, N'Quản lý khách sạn'),

(N'Staff', 0, N'Nhân viên khách sạn'),

(N'Standard', 0, N'Khách hàng tiêu chuẩn'),

(N'VIP', 1000, N'Khách hàng VIP'),

(N'SVIP', 3000, N'Khách hàng Siêu VIP');

-- Thêm 6 tài khoản mẫu

INSERT INTO Account (AccountTypeID, email, password\_hash, full\_name, phone, role, status, created\_at, avatar) VALUES

-- 1. Admin

(1, 'admin@hotel.com', '202cb962ac59075b964b07152d234b70', N'Admin Nguyễn', '0123456789', 'admin', 1, GETDATE(), NULL),

-- 2. Manager

(2, 'manager@hotel.com', '202cb962ac59075b964b07152d234b70', N'Manager Trần', '0987654321', 'manager', 1, GETDATE(), NULL),

-- 3. Staff

(3, 'staff@hotel.com', '202cb962ac59075b964b07152d234b70', N'Staff Lê', '0938123456', 'staff', 1, GETDATE(), NULL),

-- 4. Customer Standard

(4, 'customer.standard@hotel.com', '202cb962ac59075b964b07152d234b70', N'Customer Standard', '0911111111', 'customer', 1, GETDATE(), NULL),

-- 5. Customer VIP

(5, 'customer.vip@hotel.com', '202cb962ac59075b964b07152d234b70', N'Customer VIP', '0922222222', 'customer', 1, GETDATE(), NULL),

-- 6. Customer SVIP

(6, 'customer.svip@hotel.com', '202cb962ac59075b964b07152d234b70', N'Customer SVIP', '0933333333', 'customer', 1, GETDATE(), NULL);

-- AccountPoint

INSERT INTO AccountPoint (account\_id, Point, LastUpdate) VALUES

(1, 0, GETDATE()),

(2, 0, GETDATE()),

(3, 0, GETDATE()),

(4, 1500, GETDATE()),

(5, 3200, GETDATE()),

(6, 500, GETDATE()),

(4, 200, GETDATE()),

(5, 100, GETDATE()),

(6, 50, GETDATE()),

(3, 70, GETDATE());

-- Voucher

INSERT INTO Voucher (VoucherCode, Description, DiscountPercent, ExpiryDate) VALUES

('WELCOME10', '10% off for new customers', 10, '2025-12-31'),

('VIP20', '20% off for VIP', 20, '2025-12-31'),

('SUMMER25', '25% summer discount', 25, '2025-07-31'),

('SVIP30', '30% off for SVIP', 30, '2026-01-31'),

('EARLY15', '15% for early booking', 15, '2025-08-15'),

('XMAS50', '50% Christmas', 50, '2025-12-25'),

('WEEKEND5', '5% weekend', 5, '2025-12-31'),

('HOTEL5', '5% off all rooms', 5, '2025-09-30'),

('FLASH40', '40% flash sale', 40, '2025-06-30'),

('NEWYEAR60', '60% New Year', 60, '2026-01-01');

-- RoomTypes

INSERT INTO RoomTypes (TypeName, Description, MaxOccupancy, BasePrice) VALUES

(N'Standard', 'Basic room, queen bed', 2, 400000),

(N'Superior', 'Larger room, sea view', 2, 600000),

(N'Deluxe', 'Luxury room, balcony', 3, 800000),

(N'Suite', 'Suite with living area', 4, 1200000),

(N'Family', 'Family room, 2 beds', 4, 1100000),

(N'VIP', 'VIP room, full amenities', 2, 2000000),

(N'SVIP', 'Super VIP, top floor', 2, 3500000),

(N'Connecting', 'Two connecting rooms', 5, 1800000),

(N'Penthouse', 'Penthouse, rooftop view', 2, 7000000),

(N'Studio', 'Studio, working space', 2, 750000);

-- Rooms

INSERT INTO Rooms (RoomNumber, RoomTypeID, PricePerNight, OriginalPrice, Rating, ImageUrl, Location, Details, Amenities) VALUES

('101', 1, 420000, 400000, 4.0, 'room101.jpg', N'1st Floor', N'Cozy room, city view', N'Wifi,TV'),

('102', 2, 650000, 600000, 4.2, 'room102.jpg', N'1st Floor', N'Large bed, balcony', N'Wifi,TV,Balcony'),

('201', 3, 900000, 800000, 4.5, 'room201.jpg', N'2nd Floor', N'Deluxe decor', N'Wifi,TV,Balcony,Bathtub'),

('202', 4, 1300000, 1200000, 4.8, 'room202.jpg', N'2nd Floor', N'Suite, living area', N'Wifi,TV,Bathtub,Kitchen'),

('301', 5, 1150000, 1100000, 4.1, 'room301.jpg', N'3rd Floor', N'Family, 2 beds', N'Wifi,TV,2 Beds'),

('302', 6, 2100000, 2000000, 4.9, 'room302.jpg', N'3rd Floor', N'VIP, sea view', N'Wifi,TV,Sea View'),

('401', 7, 3700000, 3500000, 5.0, 'room401.jpg', N'4th Floor', N'SVIP, luxury', N'All Amenities'),

('402', 8, 1900000, 1800000, 4.3, 'room402.jpg', N'4th Floor', N'Connecting rooms', N'Wifi,2 Rooms'),

('501', 9, 7300000, 7000000, 5.0, 'room501.jpg', N'5th Floor', N'Penthouse suite', N'All Amenities'),

('502', 10, 780000, 750000, 4.0, 'room502.jpg', N'5th Floor', N'Studio workroom', N'Wifi,Desk');

-- RoomDetail

INSERT INTO RoomDetail (RoomID, Description, Image1, Image2, Image3, Image4, Services) VALUES

(1, N'City view, modern decor', 'img1-1.jpg', 'img1-2.jpg', 'img1-3.jpg', 'img1-4.jpg', 'Breakfast, Laundry'),

(2, N'Sea view, large balcony', 'img2-1.jpg', 'img2-2.jpg', 'img2-3.jpg', 'img2-4.jpg', 'Breakfast, Airport transfer'),

(3, N'Deluxe bath, sofa', 'img3-1.jpg', 'img3-2.jpg', 'img3-3.jpg', 'img3-4.jpg', 'Minibar, Massage'),

(4, N'Suite, kitchen, living', 'img4-1.jpg', 'img4-2.jpg', 'img4-3.jpg', 'img4-4.jpg', 'Breakfast, Gym'),

(5, N'Family, extra bed', 'img5-1.jpg', 'img5-2.jpg', 'img5-3.jpg', 'img5-4.jpg', 'Kid zone, Breakfast'),

(6, N'VIP, free drinks', 'img6-1.jpg', 'img6-2.jpg', 'img6-3.jpg', 'img6-4.jpg', 'Butler, Free mini-bar'),

(7, N'SVIP, Jacuzzi', 'img7-1.jpg', 'img7-2.jpg', 'img7-3.jpg', 'img7-4.jpg', 'VIP Lounge, Spa'),

(8, N'Connecting, 2 bathrooms', 'img8-1.jpg', 'img8-2.jpg', 'img8-3.jpg', 'img8-4.jpg', 'Laundry, Babysitting'),

(9, N'Penthouse, rooftop', 'img9-1.jpg', 'img9-2.jpg', 'img9-3.jpg', 'img9-4.jpg', 'Private pool, Chef'),

(10, N'Studio, working desk', 'img10-1.jpg', 'img10-2.jpg', 'img10-3.jpg', 'img10-4.jpg', 'Fast Wifi, Printer');

-- Bookings (lưu ý account\_id)

INSERT INTO Bookings (account\_id, RoomID, BookingDate, CheckInDate, CheckOutDate, NumberOfGuests, Status, CheckInStatus, CheckOutStatus, VoucherID) VALUES

(4, 1, '2025-06-01', '2025-06-10', '2025-06-12', 2, 'Confirmed', 'NotCheckedIn', 'NotCheckedOut', 1),

(5, 2, '2025-05-15', '2025-06-20', '2025-06-22', 2, 'Pending', 'NotCheckedIn', 'NotCheckedOut', 2),

(6, 3, '2025-06-05', '2025-06-15', '2025-06-17', 1, 'Cancelled', 'NotCheckedIn', 'NotCheckedOut', NULL),

(4, 4, '2025-06-07', '2025-07-01', '2025-07-05', 3, 'Confirmed', 'CheckedIn', 'NotCheckedOut', 3),

(5, 5, '2025-05-20', '2025-07-02', '2025-07-07', 4, 'Confirmed', 'CheckedIn', 'CheckedOut', 4),

(6, 6, '2025-05-22', '2025-07-10', '2025-07-13', 2, 'Confirmed', 'CheckedIn', 'CheckedOut', NULL),

(4, 7, '2025-06-01', '2025-07-15', '2025-07-18', 2, 'Confirmed', 'CheckedIn', 'CheckedOut', 5),

(5, 8, '2025-06-02', '2025-07-20', '2025-07-25', 5, 'Pending', 'NotCheckedIn', 'NotCheckedOut', NULL),

(6, 9, '2025-06-03', '2025-07-22', '2025-07-24', 2, 'Confirmed', 'NotCheckedIn', 'NotCheckedOut', 6),

(4, 10, '2025-06-04', '2025-07-25', '2025-07-28', 2, 'Pending', 'NotCheckedIn', 'NotCheckedOut', NULL);

-- Promotion

INSERT INTO Promotion (PromotionStatus, Value, StartDate, EndDate, Content) VALUES

('Active', 100000, '2025-06-01', '2025-06-30', N'Summer promotion'),

('Active', 200000, '2025-07-01', '2025-07-31', N'July deal'),

('Ended', 50000, '2025-05-01', '2025-05-31', N'May promo'),

('Active', 300000, '2025-08-01', '2025-08-31', N'August special'),

('Pending', 250000, '2025-09-01', '2025-09-15', N'Short campaign'),

('Active', 350000, '2025-10-01', '2025-10-31', N'October Fest'),

('Active', 80000, '2025-11-01', '2025-11-30', N'November'),

('Active', 60000, '2025-12-01', '2025-12-31', N'Year End'),

('Active', 1000000, '2026-01-01', '2026-01-31', N'New Year'),

('Pending', 30000, '2025-06-10', '2025-06-17', N'Flash Week');

-- Services

INSERT INTO Services (ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity, ManufactureDate, ExpiryDate, Description, UsageStatus) VALUES

(N'Mineral Water', 'Drink', 5000, 10000, 1, 200, '2025-01-01', '2026-01-01', N'Bottled water', 'Available'),

(N'Red Wine', 'Drink', 120000, 180000, 0, 50, '2024-12-01', '2026-12-01', N'Wine bottle', 'Available'),

(N'Spa', 'Wellness', 100000, 200000, 0, 30, NULL, NULL, N'1-hour spa service', 'Available'),

(N'Breakfast Buffet', 'Food', 30000, 60000, 0, 100, NULL, NULL, N'Buffet style', 'Available'),

(N'Airport Pickup', 'Transport', 70000, 150000, 0, 20, NULL, NULL, N'Pickup from airport', 'Available'),

(N'Laundry', 'Service', 10000, 20000, 1, 100, NULL, NULL, N'Clothes washing', 'Available'),

(N'Massage', 'Wellness', 90000, 180000, 0, 40, NULL, NULL, N'Body massage', 'Available'),

(N'Cocktail', 'Drink', 20000, 35000, 1, 60, NULL, NULL, N'Cocktail glass', 'Available'),

(N'Dinner', 'Food', 50000, 100000, 0, 80, NULL, NULL, N'Set dinner', 'Available'),

(N'Parking', 'Service', 0, 50000, 1, 100, NULL, NULL, N'Car parking', 'Available');

-- Invoice (lưu ý staff\_account\_id)

INSERT INTO Invoice (BookingID, PromotionID, staff\_account\_id, InvoiceDate, Tax, OriginalTotal, FinalTotal) VALUES

(1, 1, 3, '2025-06-12', 50000, 1500000, 1450000),

(2, 2, 3, '2025-06-22', 60000, 1800000, 1720000),

(3, NULL, 3, '2025-06-17', 70000, 1200000, 1130000),

(4, 3, 3, '2025-07-05', 65000, 2000000, 1935000),

(5, 4, 3, '2025-07-07', 80000, 2400000, 2320000),

(6, NULL, 3, '2025-07-13', 70000, 1800000, 1730000),

(7, 5, 3, '2025-07-18', 90000, 3500000, 3410000),

(8, NULL, 3, '2025-07-25', 60000, 2100000, 2040000),

(9, 6, 3, '2025-07-24', 120000, 7000000, 6880000),

(10, NULL, 3, '2025-07-28', 40000, 800000, 760000);

-- InvoiceDetail

INSERT INTO InvoiceDetail (InvoiceID, ServiceID, RoomID, Quantity, ReturnedDrinkQuantity, RoomRentalTotal, ServiceTotal, GrandTotal, Surcharge) VALUES

(1, 1, 1, 2, 0, 800000, 20000, 820000, 0),

(2, 2, 2, 1, 0, 600000, 180000, 780000, 0),

(3, 3, 3, 1, 0, 900000, 200000, 1100000, 0),

(4, 4, 4, 3, 0, 1200000, 180000, 1380000, 0),

(5, 5, 5, 1, 0, 1100000, 150000, 1250000, 0),

(6, 6, 6, 2, 0, 2000000, 40000, 2040000, 0),

(7, 7, 7, 1, 0, 3500000, 180000, 3680000, 0),

(8, 8, 8, 4, 0, 1800000, 140000, 1940000, 0),

(9, 9, 9, 2, 0, 7000000, 200000, 7200000, 0),

(10, 10, 10, 1, 0, 750000, 50000, 800000, 0);

-- Payments (account\_id, staff\_account\_id)

INSERT INTO Payments (account\_id, BookingID, Amount, ServiceAmount, PaymentTime, Status, Note, StaffFeedback, staff\_account\_id, ConfirmedAt) VALUES

(4, 1, 820000, 20000, '2025-06-12 10:30', 'Confirmed', N'Paid in cash', N'All good', 3, '2025-06-12 12:00'),

(5, 2, 780000, 180000, '2025-06-22 09:00', 'Confirmed', N'Paid by card', N'VIP guest', 3, '2025-06-22 10:00'),

(6, 3, 1100000, 200000, '2025-06-17 18:00', 'Confirmed', N'Cancelled booking', N'No show', 3, '2025-06-17 19:00'),

(4, 4, 1380000, 180000, '2025-07-05 11:30', 'Confirmed', N'Online payment', N'Fast payment', 3, '2025-07-05 12:00'),

(5, 5, 1250000, 150000, '2025-07-07 13:00', 'Confirmed', N'Paid by cash', N'VIP', 3, '2025-07-07 14:00'),

(6, 6, 2040000, 40000, '2025-07-13 14:00', 'Confirmed', N'Paid', N'Excellent guest', 3, '2025-07-13 15:00'),

(4, 7, 3680000, 180000, '2025-07-18 15:00', 'Confirmed', N'Paid by bank', N'SVIP guest', 3, '2025-07-18 16:00'),

(5, 8, 1940000, 140000, '2025-07-25 16:00', 'Pending', N'Awaiting', NULL, 3, NULL),

(6, 9, 7200000, 200000, '2025-07-24 17:00', 'Confirmed', N'Paid', N'All ok', 3, '2025-07-24 18:00'),

(4, 10, 800000, 50000, '2025-07-28 18:00', 'Pending', N'Pay at check-out', NULL, 3, NULL);

-- Reviews

INSERT INTO Reviews (name, content, imageUrl, rating) VALUES

(N'John Doe', N'Great stay, nice staff!', 'review1.jpg', 5),

(N'Mary Tran', N'Room was clean and cozy.', 'review2.jpg', 4),

(N'Nguyen Van A', N'Service could be better.', 'review3.jpg', 3),

(N'Anna Le', N'Breakfast buffet is excellent.', 'review4.jpg', 5),

(N'Minh Vu', N'Nice sea view room!', 'review5.jpg', 4),

(N'Quang Nguyen', N'Location is convenient.', 'review6.jpg', 4),

(N'Linh Bui', N'Facilities a bit old.', 'review7.jpg', 3),

(N'Peter Pham', N'Fast check-in.', 'review8.jpg', 4),

(N'Lan Hoang', N'VIP room worth the price.', 'review9.jpg', 5),

(N'Truc Mai', N'Staff was helpful.', 'review10.jpg', 5);

-- Gallery

INSERT INTO Gallery (imageUrl, title, description, linkUrl) VALUES

('gallery1.jpg', N'Lobby', N'Modern hotel lobby.', '#'),

('gallery2.jpg', N'Swimming Pool', N'Outdoor pool area.', '#'),

('gallery3.jpg', N'Sea View', N'Stunning ocean view.', '#'),

('gallery4.jpg', N'Restaurant', N'Fine dining area.', '#'),

('gallery5.jpg', N'Suite Room', N'VIP suite example.', '#'),

('gallery6.jpg', N'Gym', N'Fitness center.', '#'),

('gallery7.jpg', N'Spa', N'Relaxing spa.', '#'),

('gallery8.jpg', N'Bar', N'Hotel bar.', '#'),

('gallery9.jpg', N'Garden', N'Peaceful garden.', '#'),

('gallery10.jpg', N'Conference', N'Meeting area.', '#');

-- RefundRequest (account\_id, staff\_account\_id)

INSERT INTO RefundRequest (BookingID, account\_id, RoomID, RequestDate, Status, RefundAmount, BankInfo, staff\_account\_id, ResponseDate) VALUES

(1, 4, 1, GETDATE(), 'Pending', 820000, N'0123456789 - Vietcombank', 3, NULL),

(2, 5, 2, GETDATE(), 'Approved', 780000, N'0987654321 - BIDV', 3, GETDATE()),

(3, 6, 3, GETDATE(), 'Rejected', 1100000, N'0933333333 - ACB', 3, GETDATE()),

(4, 4, 4, GETDATE(), 'Approved', 1380000, N'0911111111 - Vietinbank', 3, GETDATE()),

(5, 5, 5, GETDATE(), 'Pending', 1250000, N'0922222222 - TPBank', 3, NULL),

(6, 6, 6, GETDATE(), 'Approved', 2040000, N'0933333333 - Techcombank', 3, GETDATE()),

(7, 4, 7, GETDATE(), 'Pending', 3680000, N'0911111111 - Vietcombank', 3, NULL),

(8, 5, 8, GETDATE(), 'Rejected', 1940000, N'0922222222 - BIDV', 3, GETDATE()),

(9, 6, 9, GETDATE(), 'Pending', 7200000, N'0933333333 - Sacombank', 3, NULL),

(10, 4, 10, GETDATE(), 'Approved', 800000, N'0911111111 - Vietinbank', 3, GETDATE());

USE HotelManagement; -- Chạy trong database phù hợp với schema của bạn

--------------------------------------------------------------------------------

-- Inserts for "Spa Booking" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('Spa Relaxation Package', 'Spa Booking', 50000, 150000, 0, 20, NULL, NULL, '1-hour full-body relaxation with aromatherapy', 'Available'),

('Aromatherapy Facial & Massage','Spa Booking', 60000, 180000, 0, 15, NULL, NULL, '90-minute aromatherapy facial combined with relaxation massage','Available'),

('Hot Stone Body Treatment', 'Spa Booking', 70000, 200000, 0, 10, NULL, NULL, 'Hot stone massage with full-body scrub', 'Available'),

('Couples Spa Experience', 'Spa Booking', 100000, 300000, 0, 5, NULL, NULL, '2-hour spa treatment for two, includes champagne and snacks','Available'),

('Deluxe Spa Package', 'Spa Booking', 80000, 250000, 0, 10, NULL, NULL, 'Full-body massage, facial therapy, and herbal bath', 'Available'),

('Foot Reflexology Massage', 'Spa Booking', 40000, 120000, 0, 30, NULL, NULL, '45-minute reflexology foot massage', 'Available'),

('Body Scrub & Wrap', 'Spa Booking', 30000, 100000, 0, 25, NULL, NULL, 'Full-body exfoliating scrub and warm wrap', 'Available'),

('Deep Cleansing Facial', 'Spa Booking', 35000, 110000, 0, 20, NULL, NULL, 'Deep cleansing facial with collagen mask', 'Available'),

('Herbal Steam & Compress', 'Spa Booking', 45000, 130000, 0, 18, NULL, NULL, 'Herbal steam session with herbal compress massage', 'Available'),

('Candlelight Massage', 'Spa Booking', 55000, 160000, 0, 12, NULL, NULL, 'Romantic candlelight massage for two', 'Available');

--------------------------------------------------------------------------------

-- Inserts for "Tour Booking" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('City Highlights Tour', 'Tour Booking', 200000, 500000, 0, 50, NULL, NULL, 'Full-day city sightseeing tour (8 hours)', 'Available'),

('Beach Escape Tour', 'Tour Booking', 250000, 600000, 0, 40, NULL, NULL, 'Half-day beach excursion with seafood lunch', 'Available'),

('Mountain Adventure Trek', 'Tour Booking', 300000, 700000, 0, 30, NULL, NULL, 'One-day mountain trekking and campsite experience', ' Available'),

('Cultural Heritage Exploration', 'Tour Booking', 220000, 550000, 0, 35, NULL, NULL, 'Visit to historic and cultural landmarks (8 hours)', 'Available'),

('Gastronomy Food Tour', 'Tour Booking', 180000, 450000, 0, 45, NULL, NULL, 'Local cuisine tasting tour (includes 5 stops)', 'Available'),

('Adventure Sports Package', 'Tour Booking', 280000, 650000, 0, 25, NULL, NULL, 'Thrilling adventure sports activities (rafting, zip-line)', 'Available'),

('Sunset Cruise Experience', 'Tour Booking', 260000, 600000, 0, 20, NULL, NULL, 'Sunset dinner cruise on a luxury yacht', 'Available'),

('Island Hopping Expedition', 'Tour Booking', 320000, 800000, 0, 15, NULL, NULL, 'Speedboat tour to three nearby islands (full day)', 'Available'),

('Historic Sites Guided Tour', 'Tour Booking', 210000, 520000, 0, 30, NULL, NULL, 'Guided tour to significant historic sites (6 hours)', 'Available'),

('Nightlife & Entertainment Tour', 'Tour Booking', 240000, 580000, 0, 28, NULL, NULL, 'Evening food crawl and entertainment hotspots tour', 'Available');

--------------------------------------------------------------------------------

-- Inserts for "Restaurant Reservation" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('Main Hotel Restaurant Reservation', 'Restaurant Reservation', 0, 0, 1, 100, NULL, NULL, 'Reserve a table at the main hotel restaurant', 'Available'),

('Seafood Restaurant Reservation', 'Restaurant Reservation', 0, 0, 1, 50, NULL, NULL, 'Reserve a table at the seafood specialty restaurant', 'Available'),

('Steakhouse Reservation', 'Restaurant Reservation', 0, 0, 1, 40, NULL, NULL, 'Reserve a table at the steakhouse', 'Available'),

('Vegetarian Restaurant Reservation', 'Restaurant Reservation', 0, 0, 1, 30, NULL, NULL, 'Reserve a table at the vegetarian restaurant', 'Available'),

('Rooftop Dining Reservation', 'Restaurant Reservation', 0, 0, 1, 60, NULL, NULL, 'Reserve a table at the rooftop restaurant with city view', 'Available'),

('Buffet Restaurant Reservation', 'Restaurant Reservation', 0, 0, 1, 80, NULL, NULL, 'Reserve a spot at the buffet restaurant', 'Available'),

('Café Reservation', 'Restaurant Reservation', 0, 0, 1, 70, NULL, NULL, 'Reserve seating at the hotel café', 'Available'),

('Fine Dining Reservation', 'Restaurant Reservation', 0, 0, 1, 25, NULL, NULL, 'Reserve a table at the fine dining establishment', 'Available'),

('Sushi Bar Reservation', 'Restaurant Reservation', 0, 0, 1, 35, NULL, NULL, 'Reserve a seat at the sushi bar', 'Available'),

('Italian Restaurant Reservation', 'Restaurant Reservation', 0, 0, 1, 45, NULL, NULL, 'Reserve a table at the Italian cuisine restaurant', 'Available');

--------------------------------------------------------------------------------

-- Inserts for "Event Booking" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('Conference Room Booking', 'Event Booking', 0, 500000, 0, 10, NULL, NULL, 'Rent conference room (capacity up to 100 people)', 'Available'),

('Wedding Hall Booking', 'Event Booking', 0, 2000000, 0, 5, NULL, NULL, 'Full wedding package for 150 guests', 'Available'),

('Birthday Party Booking', 'Event Booking', 0, 300000, 0, 15, NULL, NULL, 'Birthday party package (up to 50 guests)', 'Available'),

('Seminar Room Rental', 'Event Booking', 0, 400000, 0, 12, NULL, NULL, 'Half-day seminar room rental (with audio equipment)', 'Available'),

('Corporate Event Package', 'Event Booking', 0, 1500000, 0, 8, NULL, NULL, 'Corporate event package (including sound and lighting)', 'Available'),

('Gala Dinner Booking', 'Event Booking', 0, 1200000, 0, 10, NULL, NULL, 'Gala dinner for 100 guests (catering included)', 'Available'),

('Outdoor Event Rental', 'Event Booking', 0, 1800000, 0, 6, NULL, NULL, 'Outdoor garden event space rental (tent and seating included)', 'Available'),

('Meeting Room Booking', 'Event Booking', 0, 200000, 0, 20, NULL, NULL, 'Small meeting room rental (capacity up to 20 people)', 'Available'),

('Concert Hall Booking', 'Event Booking', 0, 2500000, 0, 3, NULL, NULL, 'Concert hall rental (capacity up to 500 people)', 'Available'),

('Exhibition Space Booking', 'Event Booking', 0, 1000000, 0, 4, NULL, NULL, 'Exhibition booth space rental for trade shows', 'Available');

--------------------------------------------------------------------------------

-- Inserts for "Laundry Service" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('Wash & Fold Service', 'Laundry Service', 5000, 20000, 1, 100, NULL, NULL, 'Standard wash and fold service', 'Available'),

('Dry Cleaning Service', 'Laundry Service', 20000, 50000, 0, 80, NULL, NULL, 'Dry cleaning for suits and formal wear', 'Available'),

('Ironing Service', 'Laundry Service', 3000, 15000, 1, 120, NULL, NULL, 'Professional ironing service for garments', 'Available'),

('Premium Laundry Service', 'Laundry Service', 8000, 30000, 1, 50, NULL, NULL, 'Premium laundry with fabric softener and delicate care','Available'),

('Express Laundry Service', 'Laundry Service', 10000, 40000, 1, 40, NULL, NULL, '4-hour express laundry turnaround', 'Available'),

('Bedding Laundry Service', 'Laundry Service', 15000, 45000, 1, 30, NULL, NULL, 'Bed linen and pillowcase washing service', 'Available'),

('Shoe Cleaning Service', 'Laundry Service', 7000, 25000, 0, 60, NULL, NULL, 'Shoe cleaning and polishing service', 'Available'),

('Leather Care Service', 'Laundry Service', 25000, 60000, 0, 20, NULL, NULL, 'Leather garment cleaning and conditioning', 'Available'),

('Delicate Fabric Laundry', 'Laundry Service', 12000, 50000, 0, 35, NULL, NULL, 'Laundry service for delicate fabrics (silk, lace)', 'Available'),

('Pickup & Delivery Laundry', 'Laundry Service', 5000, 25000, 1, 70, NULL, NULL, 'Laundry pickup and delivery to guest room', 'Available');

--------------------------------------------------------------------------------

-- Inserts for "Request Housekeeping" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('Daily Housekeeping Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Daily room cleaning (bed making, trash removal, restroom cleaning)', 'Available'),

('Deep Cleaning Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Thorough cleaning of the entire room and bathroom', 'Available'),

('Turndown Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Evening turndown (bed preparation, soft lighting)', 'Available'),

('Linen Change Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Bedroom linen change (fresh sheets and pillowcases)', 'Available'),

('Towel Replacement Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Replacement of towels and washcloths', 'Available'),

('Bathroom Sanitization Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Full bathroom sanitization and disinfection', 'Available'),

('Room Disinfection Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Ozone or UV disinfection of entire guest room', 'Available'),

('Trash Removal Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Empty trash bins and remove waste from room', 'Available'),

('Restock Amenities Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Restock toiletries: shampoo, conditioner, toilet paper, and tissues', 'Available'),

('Pillow Replacement Service', 'Request Housekeeping', 0, 0, 1, 0, NULL, NULL, 'Replace pillows upon request if current ones are soiled or worn', 'Available');

--------------------------------------------------------------------------------

-- Inserts for "Lost and Found" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('Lost Item Reporting Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Register report for lost items (wallets, keys, electronics)', 'Available'),

('Found Item Claim Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Claim found items turned in to hotel staff', 'Available'),

('Valuables Recovery Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Processing and returning of recovered valuables (watches, jewelry)', 'Available'),

('Document Recovery Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Assist in locating and returning lost identification documents', 'Available'),

('Baggage Recovery Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Assist in recovering lost luggage from airport or hotel premises', 'Available'),

('Electronics Recovery Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Processing and returning of lost electronics (phones, tablets, laptops)', 'Available'),

('Key Replacement Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Issue a replacement room key if guest key is missing', 'Available'),

('Phone Retrieval Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Assist in retrieving lost mobile phones within hotel area', 'Available'),

('Wallet Retrieval Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Locate and return lost wallets to guests', 'Available'),

('Jewelry Retrieval Service', 'Lost and Found', 0, 0, 1, 0, NULL, NULL, 'Safekeeping and return of lost jewelry items', 'Available');

--------------------------------------------------------------------------------

-- Inserts for "Book Amusement Park Tickets" (10 options)

--------------------------------------------------------------------------------

INSERT INTO Services (

ServiceName, Category, PurchasePrice, SalePrice, IsReturnable, Quantity,

ManufactureDate, ExpiryDate, Description, UsageStatus

) VALUES

('Theme Park A Adult Ticket', 'Book Amusement Park Tickets', 200000, 500000, 0, 100, NULL, NULL, 'Adult admission ticket for Theme Park A', 'Available'),

('Theme Park A Child Ticket', 'Book Amusement Park Tickets', 100000, 250000, 0, 100, NULL, NULL, 'Child (age 3–12) admission ticket for Theme Park A', 'Available'),

('Theme Park B Adult Ticket', 'Book Amusement Park Tickets', 220000, 550000, 0, 100, NULL, NULL, 'Adult admission ticket for Theme Park B', 'Available'),

('Theme Park B Child Ticket', 'Book Amusement Park Tickets', 110000, 275000, 0, 100, NULL, NULL, 'Child (age 3–12) admission ticket for Theme Park B', 'Available'),

('Water Park Adult Ticket', 'Book Amusement Park Tickets', 180000, 450000, 0, 100, NULL, NULL, 'Adult admission ticket for Water Park', 'Available'),

('Water Park Child Ticket', 'Book Amusement Park Tickets', 90000, 225000, 0, 100, NULL, NULL, 'Child (age 3–12) admission ticket for Water Park', 'Available'),

('Family Pack (2 Adults + 2 Kids)', 'Book Amusement Park Tickets', 500000,1200000, 0, 50, NULL, NULL, 'Family pack admission (2 adults + 2 children) for selected park','Available'),

('VIP Fast-Pass', 'Book Amusement Park Tickets', 800000,1600000, 0, 30, NULL, NULL, 'VIP fast-entry pass with priority access to rides and attractions','Available'),

('Season Pass (1 Year)', 'Book Amusement Park Tickets',2500000,6000000, 0, 20, NULL, NULL, 'Unlimited admission season pass valid for one year', 'Available'),

('Senior Citizen Ticket', 'Book Amusement Park Tickets', 150000, 350000, 0, 100, NULL, NULL, 'Discounted admission ticket for seniors (age 65+)', 'Available');