using System;

using System.ComponentModel.DataAnnotations.Schema;

using System.ComponentModel.DataAnnotations;

using System.Data.Entity;

using System.Linq;

namespace PRO131.Model

{

public class QuanLyBanAo : DbContext

{

// Your context has been configured to use a 'QuanLyBanAo' connection string from your application's

// configuration file (App.config or Web.config). By default, this connection string targets the

// 'PRO131.Model.QuanLyBanAo' database on your LocalDb instance.

//

// If you wish to target a different database and/or database provider, modify the 'QuanLyBanAo'

// connection string in the application configuration file.

public QuanLyBanAo()

: base("name=QuanLyBanAo")

{

}

public virtual DbSet<TAIKHOAN> TaiKhoans { get; set; }

public virtual DbSet<KHACHHANG> KhachHangs { get; set; }

public virtual DbSet<THUONGHIEU> ThuongHieus { get; set; }

public virtual DbSet<MAUSAC> MauSacs { get; set; }

public virtual DbSet<KICHCO> KichCos { get; set; }

public virtual DbSet<SANPHAM> SanPhams { get; set; }

public virtual DbSet<CHITIETSANPHAM> ChiTietSanPhams { get; set; }

public virtual DbSet<NHANVIEN> NhanViens { get; set; }

public virtual DbSet<VOUCHER> Vouchers { get; set; }

public virtual DbSet<HOADON> HoaDons { get; set; }

public virtual DbSet<HOADONCHITIET> HoaDonChiTiets { get; set; }

public virtual DbSet<PHIEUNHAP> PhieuNhaps { get; set; }

public virtual DbSet<CTPHIEUNHAP> ChiTietPhieuNhaps { get; set; }

}

public class TAIKHOAN

{

[Key]

public string ID\_TaiKhoan { get; set; }

public string TenNguoiDung { get; set; }

public string MatKhau { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

}

public class KHACHHANG

{

[Key]

public string ID\_KhachHang { get; set; }

public string TenKhachHang { get; set; }

public string SoDienThoai { get; set; }

public string DiaChi { get; set; }

public string GioiTinh { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

}

public class THUONGHIEU

{

[Key]

public string ID\_ThuongHieu { get; set; }

public string TenThuongHieu { get; set; }

public string TrangThai { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

}

public class MAUSAC

{

[Key]

public string ID\_MauSac { get; set; }

public string TenMauSac { get; set; }

public string TrangThai { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

}

public class KICHCO

{

[Key]

public string ID\_KichCo { get; set; }

public string KichCo { get; set; }

public string TrangThai { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

}

public class SANPHAM

{

[Key]

public string ID\_SanPham { get; set; }

public string TenSanPham { get; set; }

public double Gia { get; set; }

public int SoLuong { get; set; }

public string TrangThai { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

}

public class CHITIETSANPHAM

{

[Key]

public string ID\_ChiTietSP { get; set; }

public string TenSanPham { get; set; }

public string TrangThai { get; set; }

public string HinhAnh { get; set; }

public int ID\_SanPham { get; set; }

public int ID\_ThuongHieu { get; set; }

public int ID\_MauSac { get; set; }

public int ID\_KichCo { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

[ForeignKey("ID\_SanPham")]

public virtual SANPHAM SanPham { get; set; }

[ForeignKey("ID\_ThuongHieu")]

public virtual THUONGHIEU ThuongHieu { get; set; }

[ForeignKey("ID\_MauSac")]

public virtual MAUSAC MauSac { get; set; }

[ForeignKey("ID\_KichCo")]

public virtual KICHCO KichCo { get; set; }

}

public class NHANVIEN

{

[Key]

public string ID\_NhanVien { get; set; }

public string TenNhanVien { get; set; }

public string DiaChi { get; set; }

public string SoCCCD { get; set; }

public string TrangThai { get; set; }

public string VaiTro { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

public int ID\_TaiKhoan { get; set; }

[ForeignKey("ID\_TaiKhoan")]

public virtual TAIKHOAN TaiKhoan { get; set; }

}

public class VOUCHER

{

[Key]

public string ID\_Voucher { get; set; }

public string TenVoucher { get; set; }

public double PhanTramGiam { get; set; }

public int SoLuong { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

public DateTime HanSuDung { get; set; }

public string TrangThai { get; set; }

}

public class HOADON

{

[Key]

public string ID\_HoaDon { get; set; }

public string TenKH { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

public double TongTien { get; set; }

public string TrangThai { get; set; }

public string ID\_KhachHang { get; set; }

public string ID\_NhanVien { get; set; }

public string ID\_Voucher { get; set; }

[ForeignKey("ID\_KhachHang")]

public virtual KHACHHANG KhachHang { get; set; }

[ForeignKey("ID\_NhanVien")]

public virtual NHANVIEN NhanVien { get; set; }

[ForeignKey("ID\_Voucher")]

public virtual VOUCHER Voucher { get; set; }

}

public class HOADONCHITIET

{

[Key]

public string ID\_HoaDonChiTiet { get; set; }

public string TenSP { get; set; }

public string ThuongHieu { get; set; }

public string MauSac { get; set; }

public string Size { get; set; }

public int SoLuong { get; set; }

public double PhanTramGiam { get; set; }

public double Gia { get; set; }

public string ID\_HoaDon { get; set; }

public string ID\_ChiTietSP { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

[ForeignKey("ID\_HoaDon")]

public virtual HOADON HoaDon { get; set; }

[ForeignKey("ID\_ChiTietSP")]

public virtual CHITIETSANPHAM ChiTietSanPham { get; set; }

}

public class PHIEUNHAP

{

[Key]

public string ID\_PhieuNhap { get; set; }

public string NguoiNhap { get; set; }

public DateTime NgayNhap { get; set; }

public double TongTien { get; set; }

public string TrangThai { get; set; }

public int ID\_NhanVien { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

[ForeignKey("ID\_NhanVien")]

public virtual NHANVIEN NhanVien { get; set; }

}

public class CTPHIEUNHAP

{

[Key]

public string ID\_ChiTietPhieuNhap { get; set; }

public string TenSP { get; set; }

public double Gia { get; set; }

public string SoLuongNhap { get; set; }

public string ID\_PhieuNhap { get; set; }

public DateTime NgayTao { get; set; }

public DateTime NgayCapNhat { get; set; }

public string NguoiTao { get; set; }

public string NguoiCapNhat { get; set; }

[ForeignKey("ID\_PhieuNhap")]

public virtual PHIEUNHAP PhieuNhap { get; set; }

}

}

CREATE DATABASE QuanLyBanAo1;

USE QuanLyBanAo1;

-- Bảng TAIKHOAN

CREATE TABLE TAIKHOAN (

ID\_TaiKhoan INT IDENTITY(1,1) PRIMARY KEY,

TenNguoiDung NVARCHAR(50),

MatKhau NVARCHAR(50),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100)

);

-- Bảng KHACHHANG

CREATE TABLE KHACHHANG (

ID\_KhachHang INT IDENTITY(1,1) PRIMARY KEY,

TenKhachHang NVARCHAR(100),

SoDienThoai VARCHAR(15) UNIQUE,

DiaChi NVARCHAR(255),

GioiTinh NVARCHAR(10),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100)

);

-- Bảng THUONGHIEU

CREATE TABLE THUONGHIEU (

ID\_ThuongHieu INT IDENTITY(1,1) PRIMARY KEY,

TenThuongHieu NVARCHAR(100),

TrangThai NVARCHAR(20),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100)

);

-- Bảng MAUSAC

CREATE TABLE MAUSAC (

ID\_MauSac INT IDENTITY(1,1) PRIMARY KEY,

TenMauSac NVARCHAR(50),

TrangThai NVARCHAR(20),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100)

);

-- Bảng KICHCO

CREATE TABLE KICHCO (

ID\_KichCo INT IDENTITY(1,1) PRIMARY KEY,

KichCo NVARCHAR(10),

TrangThai NVARCHAR(20),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100)

);

-- Bảng SANPHAM

CREATE TABLE SANPHAM (

ID\_SanPham INT IDENTITY(1,1) PRIMARY KEY,

TenSanPham NVARCHAR(100),

Gia FLOAT,

SoLuong INT,

TrangThai NVARCHAR(20),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100)

);

-- Bảng CHITIETSANPHAM

CREATE TABLE CHITIETSANPHAM (

ID\_ChiTietSP INT IDENTITY(1,1) PRIMARY KEY,

TenSanPham NVARCHAR(100),

TrangThai NVARCHAR(20),

HinhAnh NVARCHAR(255),

ID\_SanPham INT,

ID\_ThuongHieu INT,

ID\_MauSac INT,

ID\_KichCo INT,

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (ID\_SanPham) REFERENCES SANPHAM(ID\_SanPham),

FOREIGN KEY (ID\_ThuongHieu) REFERENCES THUONGHIEU(ID\_ThuongHieu),

FOREIGN KEY (ID\_MauSac) REFERENCES MAUSAC(ID\_MauSac),

FOREIGN KEY (ID\_KichCo) REFERENCES KICHCO(ID\_KichCo)

);

-- Bảng NHANVIEN

CREATE TABLE NHANVIEN (

ID\_NhanVien INT IDENTITY(1,1) PRIMARY KEY,

TenNhanVien NVARCHAR(100),

DiaChi NVARCHAR(255),

SoCCCD VARCHAR(20) UNIQUE,

VaiTro NVARCHAR(100),

TrangThai NVARCHAR(20),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100),

ID\_TaiKhoan INT,

FOREIGN KEY (ID\_TaiKhoan) REFERENCES TAIKHOAN(ID\_TaiKhoan)

);

-- Bảng VOUCHER

CREATE TABLE VOUCHER (

ID\_Voucher INT IDENTITY(1,1) PRIMARY KEY,

TenVoucher NVARCHAR(100),

PhanTramGiam FLOAT,

SoLuong INT,

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100),

HanSuDung DATETIME,

TrangThai NVARCHAR(20)

);

-- Bảng HOADON

CREATE TABLE HOADON (

ID\_HoaDon INT IDENTITY(1,1) PRIMARY KEY,

TenKH NVARCHAR(100),

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100),

TongTien FLOAT,

TrangThai NVARCHAR(20),

ID\_KhachHang INT,

ID\_NhanVien INT,

ID\_Voucher INT,

FOREIGN KEY (ID\_KhachHang) REFERENCES KHACHHANG(ID\_KhachHang),

FOREIGN KEY (ID\_NhanVien) REFERENCES NHANVIEN(ID\_NhanVien),

FOREIGN KEY (ID\_Voucher) REFERENCES VOUCHER(ID\_Voucher)

);

-- Bảng HOADONCHITIET

CREATE TABLE HOADONCHITIET (

ID\_HoaDonChiTiet INT IDENTITY(1,1) PRIMARY KEY,

TenSP NVARCHAR(100),

ThuongHieu NVARCHAR(100),

MauSac NVARCHAR(50),

Size NVARCHAR(10),

SoLuong INT,

PhanTramGiam FLOAT,

Gia FLOAT,

ID\_HoaDon INT,

ID\_ChiTietSP INT,

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100),

FOREIGN KEY (ID\_HoaDon) REFERENCES HOADON(ID\_HoaDon),

FOREIGN KEY (ID\_ChiTietSP) REFERENCES CHITIETSANPHAM(ID\_ChiTietSP)

);

-- Bảng PHIEUNHAP

CREATE TABLE PHIEUNHAP (

ID\_PhieuNhap INT IDENTITY(1,1) PRIMARY KEY,

NguoiNhap NVARCHAR(100),

NgayNhap DATETIME DEFAULT CURRENT\_TIMESTAMP,

TongTien FLOAT,

TrangThai NVARCHAR(20),

ID\_NhanVien INT,

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100),

FOREIGN KEY (ID\_NhanVien) REFERENCES NHANVIEN(ID\_NhanVien)

);

-- Bảng CTPHIEUNHAP

CREATE TABLE CTPHIEUNHAP (

ID\_ChiTietPhieuNhap INT IDENTITY(1,1) PRIMARY KEY,

TenSP NVARCHAR(100),

Gia FLOAT,

SoLuongNhap INT,

ID\_PhieuNhap INT,

NgayTao DATETIME DEFAULT CURRENT\_TIMESTAMP,

NgayCapNhat DATETIME DEFAULT CURRENT\_TIMESTAMP,

NguoiTao NVARCHAR(100),

NguoiCapNhat NVARCHAR(100),

FOREIGN KEY (ID\_PhieuNhap) REFERENCES PHIEUNHAP(ID\_PhieuNhap)

);