BigShop - Original DB design

Product_Category

int	Product_Id
int	Category_Id

Product

int	Id
nvarchar(150)	Name
decimal(7,2)	Price
varchar(13)	EAN (null)
int	WeightGram
int	Manufacturer_Id

Category

int	Id
nvarchar(50)	Name

Manufacturer

int	Id
nvarchar(100)	Name

OrderLine

int	Quantity
decimal(7,2)	Price
int	Product_Id
bigint	CustomerOrder_Id

CustomerOrder

bigint	Id
datetime2	OrderDate
decimal(7,2)	InitialShippingCost
decimal(7,2)	WeightFee
bit	Pending
int	Customer_Id
int	Courier_Id
int	PaymentMethod_Id

OrderProcess

datetime2	ProcessDate
int	OrderStatus_Id
int	Employee_Id
bigint	CustomerOrder_Id

OrderStatus

int	Id
varchar(50)	Name

Customer

int	Id
nvarchar(50)	FirstName
nvarchar(100)	LastName
varchar(70)	Email (unique)
varchar(70)	NormalizedEmail (unique)
nvarchar(50)	Username (unique)
nvarchar(50)	NormalizedUsername (unique)
nvarchar(max)	PasswordHash
nvarchar(100)	AddressLane
varchar(50)	Phone
int	Zip_Id
int	ApplicationUser_Id

Courier

int	Id
varchar(50)	Name
decimal(7,2)	InitialCost
decimal(7,2)	WeightFee

PaymentMethod

int	Id
varchar(50)	Name

Employee

int	Id
nvarchar(50)	FirstName
nvarchar(100)	LastName
varchar(50)	Email
varchar(50)	Phone (null)
int	Position_Id
int	Department_Id
int	ApplicationUser_Id

Position

int	Id
varchar(50)	Name

Warehouse_Product

int	Quantity
int	Product_Id
int	Warehouse_Id

ApplicationUser

int	Id
varchar(20)	Username
varchar(20)	NormalizedUsername
nvarchar(max)	PasswordHash

Department

int	Id
varchar(50)	Name
varchar(50)	Phone (null)
nvarchar(100)	AddressLane
int	Zip_Id

Warehouse

int	Id
nvarchar(50)	Name (null)
nvarchar(100)	AddressLane
int	Zip_Id

Zip

int	Id
varchar(50)	ZipCode
nvarchar(100)	City
int	Country_Id

Country

int	Id
nvarchar(100)	Name

Warehouse_Department

int	Department_Id
int	Warehouse_Id