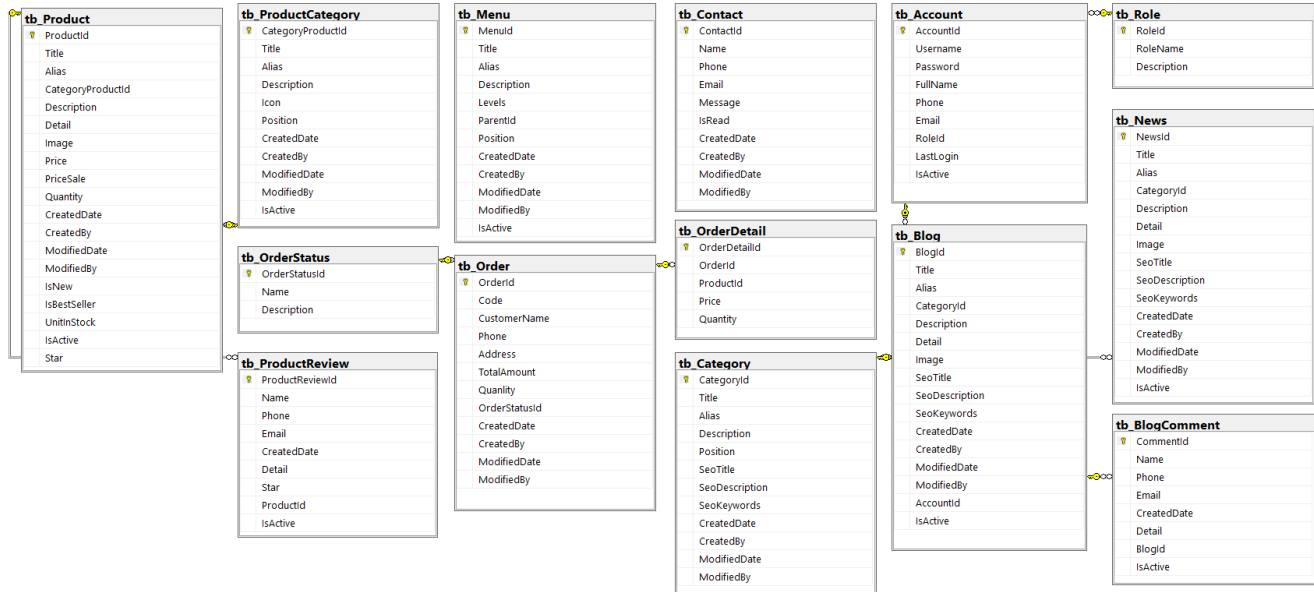


BÀI THỰC HÀNH 2: TẠO CƠ SỞ DỮ LIỆU

Câu 1. Cho cơ sở dữ liệu Harmic (bán hàng hoa quả) với sơ đồ quan hệ và mô tả như sau:



```

CREATE TABLE [dbo].[tb_Account](
    [AccountId] [int] IDENTITY(1,1) NOT NULL,
    [Username] [nvarchar](50) NULL,
    [Password] [nvarchar](50) NULL,
    [FullName] [nvarchar](50) NULL,
    [Phone] [nvarchar](50) NULL,
    [Email] [nvarchar](50) NULL,
    [RoleId] [int] NULL,
    [LastLogin] [nchar](10) NULL,
    [IsActive] [bit] NOT NULL,

```

```

CREATE TABLE [dbo].[tb_BlogComment](
    [CommentId] [int] IDENTITY(1,1) NOT NULL,
    [Name] [nvarchar](50) NULL,
    [Phone] [nvarchar](50) NULL,
    [Email] [nvarchar](50) NULL,
    [CreatedDate] [datetime] NULL,
    [Detail] [nvarchar](200) NULL,
    [BlogId] [int] NULL,
    [IsActive] [bit] NOT NULL,

```

```

CREATE TABLE [dbo].[tb_Blog](
    [BlogId] [int] IDENTITY(1,1) NOT NULL,
    [Title] [nvarchar](250) NULL,
    [Alias] [nvarchar](250) NULL,
    [CategoryId] [int] NULL,
    [Description] [nvarchar](4000) NULL,
    [Detail] [nvarchar](max) NULL,
    [Image] [nvarchar](500) NULL,
    [SeoTitle] [nvarchar](250) NULL,
    [SeoDescription] [nvarchar](500) NULL,
    [SeoKeywords] [nvarchar](250) NULL,
    [CreatedDate] [datetime] NULL,
    [CreatedBy] [nvarchar](150) NULL,
    [ModifiedDate] [datetime] NULL,
    [ModifiedBy] [nvarchar](150) NULL,
    [AccountId] [int] NULL,
    [IsActive] [bit] NOT NULL,

```

```

CREATE TABLE [dbo].[tb_Category](
    [CategoryId] [int] IDENTITY(1,1) NOT NULL,
    [Title] [nvarchar](150) NULL,
    [Alias] [nvarchar](150) NULL,
    [Description] [nvarchar](500) NULL,
    [Position] [int] NULL,
    [SeoTitle] [nvarchar](250) NULL,
    [SeoDescription] [nvarchar](500) NULL,
    [SeoKeywords] [nvarchar](250) NULL,
    [CreatedDate] [datetime] NULL,
    [CreatedBy] [nvarchar](150) NULL,
    [ModifiedDate] [datetime] NULL,
    [ModifiedBy] [nvarchar](150) NULL,

```

```

CREATE TABLE [dbo].[tb_Contact](
    [ContactId] [int] IDENTITY(1,1) NOT NULL,

```

```

CREATE TABLE [dbo].[tb_Customer](
    [CustomerId] [int] IDENTITY(1,1) NOT NULL,

```

<pre> [Name] [nvarchar](150) NULL, [Phone] [nvarchar](50) NULL, [Email] [nvarchar](150) NULL, [Message] [nvarchar](max) NULL, [IsRead] [int] NULL, [CreateDate] [datetime] NULL, [CreatedBy] [nvarchar](150) NULL, [ModifiedDate] [datetime] NULL, [ModifiedBy] [nvarchar](150) NULL, </pre>	<pre> [Username] [nvarchar](50) NULL, [Password] [nvarchar](50) NULL, [Birthday] [datetime] NULL, [Avatar] [nvarchar](50) NULL, [Phone] [nvarchar](50) NULL, [Email] [nvarchar](50) NULL, [LocationId] [int] NULL, [LastLogin] [datetime] NULL, [IsActive] [bit] NOT NULL, </pre>
<pre> CREATE TABLE [dbo].[tb_Menu]([MenuId] [int] IDENTITY(1,1) NOT NULL, [Title] [nvarchar](150) NULL, [Alias] [nvarchar](150) NULL, [Description] [nvarchar](500) NULL, [Levels] [int] NULL, [ParentId] [int] NULL, [Position] [int] NULL, [CreateDate] [datetime] NULL, [CreatedBy] [nvarchar](150) NULL, [ModifiedDate] [datetime] NULL, [ModifiedBy] [nvarchar](150) NULL, [IsActive] [bit] NOT NULL, </pre>	<pre> CREATE TABLE [dbo].[tb_News]([NewsId] [int] IDENTITY(1,1) NOT NULL, [Title] [nvarchar](250) NULL, [Alias] [nvarchar](250) NULL, [CategoryId] [int] NULL, [Description] [nvarchar](4000) NULL, [Detail] [nvarchar](max) NULL, [Image] [nvarchar](500) NULL, [SeoTitle] [nvarchar](250) NULL, [SeoDescription] [nvarchar](500) NULL, [SeoKeywords] [nvarchar](250) NULL, [CreateDate] [datetime] NULL, [CreatedBy] [nvarchar](150) NULL, [ModifiedDate] [datetime] NULL, [ModifiedBy] [nvarchar](150) NULL, [IsActive] [bit] NOT NULL, </pre>
<pre> CREATE TABLE [dbo].[tb_Order]([OrderId] [int] IDENTITY(1,1) NOT NULL, [Code] [nchar](10) NULL, [CustomerName] [nvarchar](150) NULL, [Phone] [nvarchar](15) NULL, [Address] [nvarchar](250) NULL, [TotalAmount] [int] NULL, [Quantity] [int] NULL, [OrderStatusId] [int] NULL, [CreateDate] [datetime] NULL, [CreatedBy] [nvarchar](150) NULL, [ModifiedDate] [datetime] NULL, [ModifiedBy] [nvarchar](150) NULL, </pre>	<pre> CREATE TABLE [dbo].[tb_Product]([ProductId] [int] IDENTITY(1,1) NOT NULL, [Title] [nvarchar](250) NULL, [Alias] [nvarchar](250) NULL, [CategoryProductId] [int] NULL, [Description] [nvarchar](4000) NULL, [Detail] [nvarchar](max) NULL, [Image] [nvarchar](500) NULL, [Price] [int] NULL, [PriceSale] [int] NULL, [Quantity] [int] NULL, [CreateDate] [datetime] NULL, [CreatedBy] [nvarchar](150) NULL, [ModifiedDate] [datetime] NULL, [ModifiedBy] [nvarchar](150) NULL, [IsNew] [bit] NOT NULL, [IsBestSeller] [bit] NOT NULL, [UnitInStock] [int] NULL, [IsActive] [bit] NOT NULL, [Star] [int] NULL, </pre>
<pre> CREATE TABLE [dbo].[tb_ProductCategory]([CategoryProductId] [int] IDENTITY(1,1) NOT NULL, [Title] [nvarchar](150) NULL, [Alias] [nvarchar](150) NULL, [Description] [nvarchar](500) NULL, [Icon] [nvarchar](500) NULL, [Position] [int] NULL, [CreateDate] [datetime] NULL, </pre>	<pre> CREATE TABLE [dbo].[tb_OrderDetail]([OrderDetailId] [int] IDENTITY(1,1) NOT NULL, [OrderId] [int] NULL, [ProductId] [int] NULL, [Price] [decimal](18, 0) NULL, [Quantity] [int] NULL, </pre>

<pre>[CreatedBy] [nvarchar](150) NULL, [ModifiedDate] [datetime] NULL, [ModifiedBy] [nvarchar](150) NULL, [IsActive] [bit] NOT NULL,</pre>	
<pre>CREATE TABLE [dbo].[tb_OrderStatus]([OrderStatusId] [int] IDENTITY(1,1) NOT NULL, [Name] [nvarchar](50) NULL, [Description] [nvarchar](50) NULL,</pre>	<pre>CREATE TABLE [dbo].[tb_Role]([RoleId] [int] IDENTITY(1,1) NOT NULL, [RoleName] [nvarchar](50) NULL, [Description] [nvarchar](50) NULL,</pre>
<pre>CREATE TABLE [dbo].[tb_ProductReview]([ProductReviewId] [int] IDENTITY(1,1) NOT NULL, [Name] [nvarchar](50) NULL, [Phone] [nvarchar](50) NULL, [Email] [nvarchar](50) NULL, [CreateDate] [datetime] NULL, [Detail] [nvarchar](200) NULL, [Star] [int] NULL, [ProductId] [int] NULL, [IsActive] [bit] NOT NULL,</pre>	

- Tạo cơ sở dữ liệu Harmic theo sơ đồ, mô tả trên (bao gồm liên kết giữa các bảng)
- Nhập dữ liệu mẫu vào các bảng
- Tiến hành sao lưu, phục hồi cơ sở dữ liệu
- Tìm hiểu ý nghĩa các cột của các bảng trong cơ sở dữ liệu