

| Users | | |
|----------------|---------------|----|
| Id 🔗 | int | |
| Username | nvarchar(50) | NN |
| Email | nvarchar(100) | NN |
| PasswordHash | nvarchar(max) | NN |
| Role | nvarchar(20) | NN |
| CreatedAt | datetime2 | NN |
| CreatedBy | nvarchar(50) | |
| LastModifiedAt | datetime2 | |
| LastModifiedBy | nvarchar(50) | |
| IsDeleted | bit | NN |

| Categories | | |
|----------------|---------------|----|
| Id 🔗 | int | |
| Name | nvarchar(100) | NN |
| Description | nvarchar(500) | |
| CreatedAt | datetime2 | NN |
| CreatedBy | nvarchar(50) | |
| LastModifiedAt | datetime2 | |
| LastModifiedBy | nvarchar(50) | |
| IsDeleted | bit | NN |

| Suppliers | | |
|----------------|---------------|----|
| Id 🔗 | int | |
| Name | nvarchar(100) | NN |
| ContactEmail | nvarchar(100) | |
| ContactPhone | nvarchar(20) | |
| Address | nvarchar(250) | |
| CreatedAt | datetime2 | NN |
| CreatedBy | nvarchar(50) | |
| LastModifiedAt | datetime2 | |
| LastModifiedBy | nvarchar(50) | |
| IsDeleted | bit | NN |

| Products | | |
|----------------|---------------|----|
| Id 🔗 | int | |
| Name | nvarchar(100) | NN |
| Description | nvarchar(500) | |
| ReorderLevel | int | NN |
| CategoryId 🔗 | int | NN |
| CreatedAt | datetime2 | NN |
| CreatedBy | nvarchar(50) | |
| LastModifiedAt | datetime2 | |
| LastModifiedBy | nvarchar(50) | |
| IsDeleted | bit | NN |

| InventoryTransactions | | |
|-----------------------|---------------|----|
| Id 🔗 | int | |
| ProductId 🔗 | int | NN |
| TransactionType | int | NN |
| Quantity | int | NN |
| TransactionDate | datetime2 | NN |
| Reference | nvarchar(100) | |
| CreatedAt | datetime2 | NN |
| CreatedBy | nvarchar(50) | |
| LastModifiedAt | datetime2 | |
| LastModifiedBy | nvarchar(50) | |
| IsDeleted | bit | NN |

| ProductInventoryDetails | | |
|-------------------------|---------------|----|
| Id 🔗 | int | |
| ProductId 🔗 | int | NN |
| SupplierId 🔗 | int | NN |
| LotNumber | nvarchar(50) | NN |
| Price | decimal(18,2) | NN |
| Stock | int | NN |
| CreatedAt | datetime2 | NN |
| CreatedBy | nvarchar(50) | |
| LastModifiedAt | datetime2 | |
| LastModifiedBy | nvarchar(50) | |
| IsDeleted | bit | NN |

