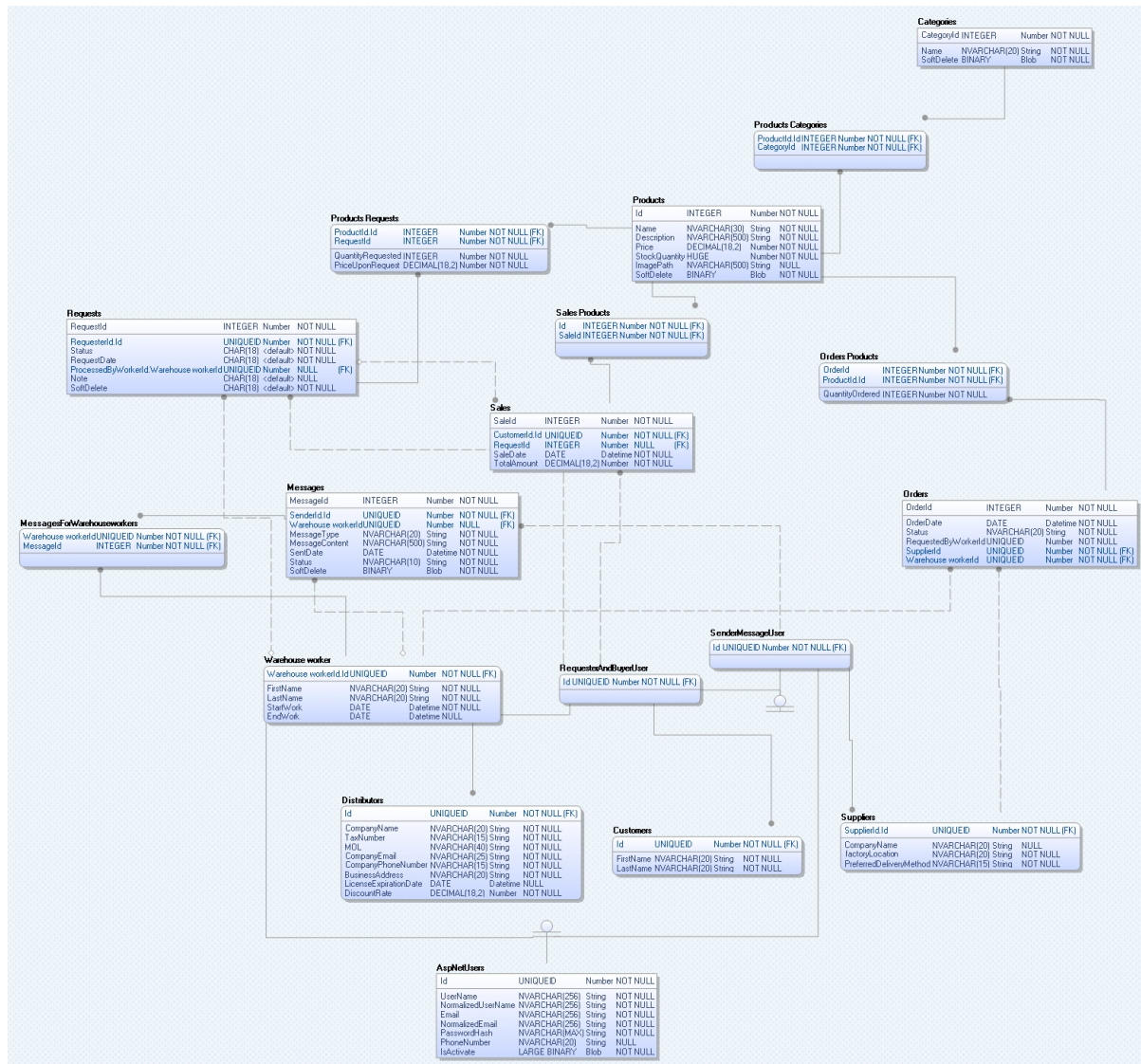


Report 'default'

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Entity/Table "AspNetUsers"	
Name	AspNetUsers
Physical Name	AspNetUsers

Parent Relationship(s) of Entity/Table "AspNetUsers"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/66	R_66	Zero or One (Z)		SendMessageUser	Nulls Not Allowed	Subtype
R/67	R_67	Zero or One (Z)		Warehouse worker	Nulls Not Allowed	Subtype

Attribute/Column(s) of Entity/Table "AspNetUsers"				
Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key
UserName	UserName	Not Null	nvarchar(256)	Non Primary Key
NormalizedUserName	NormalizedUserName	Not Null	nvarchar(256)	Non Primary Key
Email	Email	Not Null	nvarchar(256)	Non Primary Key
NormalizedEmail	NormalizedEmail	Not Null	nvarchar(256)	Non Primary Key
PasswordHash	PasswordHash	Not Null	nvarchar()	Non Primary Key
PhoneNumber	PhoneNumber	Null	nvarchar(20)	Non Primary Key
IsActive	IsActive	Not Null	varbinary	Non Primary Key

Entity/Table "Products"	
Name	Products
Physical Name	Products

Parent Relationship(s) of Entity/Table "Products"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/3	R_3	Zero, One or More		Orders Products	Nulls Not Allowed	Identifying
R/9	R_9	Zero, One or More		Products Categories	Nulls Not Allowed	Identifying
R/17	R_17	Zero, One or More		Products Requests	Nulls Not Allowed	Identifying
R/21	R_21	Zero, One or More		Sales Products	Nulls Not Allowed	Identifying

Attribute/Column(s) of Entity/Table "Products"				
Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	integer	Primary Key
Name	Name	Not Null	nvarchar(30)	Non Primary Key
Description	Description	Not Null	nvarchar(500)	Non Primary Key
Price	Price	Not Null	decimal(18,2)	Non Primary Key
StockQuantity	StockQuantity	Not Null	bigint	Non Primary Key
ImagePath	ImagePath	Null	nvarchar(500)	Non Primary Key
SoftDelete	SoftDelete	Not Null	binary	Non Primary Key

Entity/Table "Categories"	
Name	Categories
Physical Name	Categories

Parent Relationship(s) of Entity/Table "Categories"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/10	R_10	Zero, One or More		Products Categories	Nulls Not Allowed	Identifying

Attribute/Column(s) of Entity/Table "Categories"				
Name	Physical Name	Null Option	Physical Data Type	Type
CategoryId	CategoryId	Not Null	integer	Primary Key
Name	Name	Not Null	nvarchar(20)	Non Primary Key
SoftDelete	SoftDelete	Not Null	binary	Non Primary Key

Entity/Table "Suppliers"	
Name	Suppliers
Physical Name	Suppliers

Parent Relationship(s) of Entity/Table "Suppliers"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/76	R_76	Zero, One or More		Orders	Nulls Not Allowed	Non-Identifying

Child Relationship(s) of Entity/Table "Suppliers"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/72	R_72	Zero or One (Z)		Suppliers	Nulls Not Allowed	SendMessageUser	Identifying

Attribute/Column(s) of Entity/Table "Suppliers"				
Name	Physical Name	Null Option	Physical Data Type	Type
SupplierId	SupplierId	Not Null	uniqueidentifier	Primary Key
CompanyName	CompanyName	Null	nvarchar(20)	Non Primary Key
factoryLocation	factoryLocation	Not Null	nvarchar(20)	Non Primary Key
PreferredDeliveryMethod	PreferredDeliveryMethod	Not Null	nvarchar(15)	Non Primary Key

Entity/Table "Orders"	
Name	Orders
Physical Name	Orders

Parent Relationship(s) of Entity/Table "Orders"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/2	R_2	Zero, One or More		Orders Products	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Orders"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/76	R_76	Zero, One or More		Orders	Nulls Not Allowed	Suppliers	Non-Identifying
R/77	R_77	Zero, One or More		Orders	Nulls Not Allowed	Warehouse worker	Non-Identifying

Attribute/Column(s) of Entity/Table "Orders"				
Name	Physical Name	Null Option	Physical Data Type	Type
OrderId	OrderId	Not Null	integer	Primary Key
OrderDate	OrderDate	Not Null	datetime	Non Primary Key
Status	Status	Not Null	nvarchar(20)	Non Primary Key
RequestedByWorkerId	RequestedByWorkerId	Not Null	uniqueidentifier	Non Primary Key
SupplierId	SupplierId	Not Null	uniqueidentifier	Non Primary Key
Warehouse workerId	Warehouse_workerId	Not Null	uniqueidentifier	Non Primary Key

Entity/Table "Orders Products"	
Name	Orders Products
Physical Name	Orders_Products

Child Relationship(s) of Entity/Table "Orders Products"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/2	R_2	Zero, One or More		Orders Products	Nulls Not Allowed	Orders	Identifying
R/3	R_3	Zero, One or More		Orders Products	Nulls Not Allowed	Products	Identifying

Attribute/Column(s) of Entity/Table "Orders Products"				
Name	Physical Name	Null Option	Physical Data Type	Type
OrderId	OrderId	Not Null	integer	Primary Key
ProductId	ProductId	Not Null	integer	Primary Key
QuantityOrdered	QuantityOrdered	Not Null	integer	Non Primary Key

Entity/Table "Requests"	
Name	Requests
Physical Name	Requests

Parent Relationship(s) of Entity/Table "Requests"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/7	R_7	Zero, One or More		Sales	Nulls Allowed	Non-Identifying
R/18	R_18	Zero, One or More		Products Requests	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Requests"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/26	R_26	Zero, One or More		Requests	Nulls Allowed	Warehouse worker	Non-Identifying
R/43	R_43	Zero, One or More		Requests	Nulls Not Allowed	RequesterAndBuyerUser	Non-Identifying

Attribute/Column(s) of Entity/Table "Requests"				
Name	Physical Name	Null Option	Physical Data Type	Type
ProcessedByWorkerId	ProcessedByWorkerId	Null	uniqueidentifier	Non Primary Key
RequesterId	RequesterId	Not Null	uniqueidentifier	Non Primary Key
RequestId	RequestId	Not Null	integer	Primary Key
Status	Status	Not Null	char(18)	Non Primary Key
RequestDate	RequestDate	Not Null	char(18)	Non Primary Key
Note	Note	Null	char(18)	Non Primary Key
SoftDelete	SoftDelete	Not Null	char(18)	Non Primary Key

Entity/Table "Distributors"	
Name	Distributors
Physical Name	Distributors

Child Relationship(s) of Entity/Table "Distributors"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/70	R_70	Zero or One (Z)		Distributors	Nulls Not Allowed	RequesterAndBuyerUser	Identifying

Attribute/Column(s) of Entity/Table "Distributors"				
Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key
CompanyName	CompanyName	Not Null	nvarchar(20)	Non Primary Key
TaxNumber	TaxNumber	Not Null	nvarchar(15)	Non Primary Key
MOL	MOL	Not Null	nvarchar(40)	Non Primary Key
CompanyEmail	CompanyEmail	Not Null	nvarchar(25)	Non Primary Key
CompanyPhoneNumber	CompanyPhoneNumber	Not Null	nvarchar(15)	Non Primary Key
BusinessAddress	BusinessAddress	Not Null	nvarchar(20)	Non Primary Key
LicenseExpirationDate	LicenseExpirationDate	Null	datetime	Non Primary Key
DiscountRate	DiscountRate	Not Null	decimal(18,2)	Non Primary Key

Entity/Table "Customers"	
Name	Customers
Physical Name	Customers

Child Relationship(s) of Entity/Table "Customers"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/71	R_71	Zero or One (Z)		Customers	Nulls Not Allowed	RequesterAndBuyerUser	Identifying

Attribute/Column(s) of Entity/Table "Customers"				
Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key
FirstName	FirstName	Not Null	nvarchar(20)	Non Primary Key
LastName	LastName	Not Null	nvarchar(20)	Non Primary Key

Entity/Table "Warehouse worker"	
Name	Warehouse worker
Physical Name	Warehouse_worker

Parent Relationship(s) of Entity/Table "Warehouse worker"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/25	R_25	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Identifying
R/26	R_26	Zero, One or More		Requests	Nulls Allowed	Non-Identifying
R/77	R_77	Zero, One or More		Orders	Nulls Not Allowed	Non-Identifying
R/79	R_79	Zero, One or More		Messages	Nulls Allowed	Non-Identifying

Child Relationship(s) of Entity/Table "Warehouse worker"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/67	R_67	Zero or One (Z)		Warehouse worker	Nulls Not Allowed	AspNetUsers	Subtype

Attribute/Column(s) of Entity/Table "Warehouse worker"				
Name	Physical Name	Null Option	Physical Data Type	Type
Warehouse workerId	Warehouse_workerId	Not Null	uniqueidentifier	Primary Key
FirstName	FirstName	Not Null	nvarchar(20)	Non Primary Key
LastName	LastName	Not Null	nvarchar(20)	Non Primary Key
StartWork	StartWork	Not Null	datetime	Non Primary Key
EndWork	EndWork	Null	datetime	Non Primary Key

Entity/Table "Sales"	
Name	Sales
Physical Name	Sales

Parent Relationship(s) of Entity/Table "Sales"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/20	R_20	Zero, One or More		Sales Products	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Sales"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/7	R_7	Zero, One or More		Sales	Nulls Allowed	Requests	Non-Identifying
R/42	R_42	Zero, One or More		Sales	Nulls Not Allowed	RequesterAndBuyerUser	Non-Identifying

Attribute/Column(s) of Entity/Table "Sales"				
Name	Physical Name	Null Option	Physical Data Type	Type
CustomerId	CustomerId	Not Null	uniqueidentifier	Non Primary Key
RequestId	RequestId	Null	integer	Non Primary Key
SaleId	SaleId	Not Null	integer	Primary Key
SaleDate	SaleDate	Not Null	datetime	Non Primary Key
TotalAmount	TotalAmount	Not Null	decimal(18,2)	Non Primary Key

Entity/Table "Products Categories"	
Name	Products Categories
Physical Name	Products_Categories

Child Relationship(s) of Entity/Table "Products Categories"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/9	R_9	Zero, One or More		Products Categories	Nulls Not Allowed	Products	Identifying
R/10	R_10	Zero, One or More		Products Categories	Nulls Not Allowed	Categories	Identifying

Attribute/Column(s) of Entity/Table "Products Categories"				
Name	Physical Name	Null Option	Physical Data Type	Type
ProductId	ProductId	Not Null	integer	Primary Key
CategoryId	CategoryId	Not Null	integer	Primary Key

Entity/Table "Products Requests"	
Name	Products Requests
Physical Name	Products_Requests

Child Relationship(s) of Entity/Table "Products Requests"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/17	R_17	Zero, One or More		Products Requests	Nulls Not Allowed	Products	Identifying
R/18	R_18	Zero, One or More		Products Requests	Nulls Not Allowed	Requests	Identifying

Attribute/Column(s) of Entity/Table "Products Requests"				
Name	Physical Name	Null Option	Physical Data Type	Type
ProductId	ProductId	Not Null	integer	Primary Key
RequestId	RequestId	Not Null	integer	Primary Key
QuantityRequested	QuantityRequested	Not Null	integer	Non Primary Key
PriceUponRequest	PriceUponRequest	Not Null	decimal(18,2)	Non Primary Key

Entity/Table "Sales Products"	
Name	Sales Products
Physical Name	Sales_Products

Child Relationship(s) of Entity/Table "Sales Products"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/20	R_20	Zero, One or More		Sales Products	Nulls Not Allowed	Sales	Identifying
R/21	R_21	Zero, One or More		Sales Products	Nulls Not Allowed	Products	Identifying

Attribute/Column(s) of Entity/Table "Sales Products"				
Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	integer	Primary Key
SaleId	SaleId	Not Null	integer	Primary Key

Entity/Table "Messages"	
Name	Messages
Physical Name	Messages

Parent Relationship(s) of Entity/Table "Messages"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/24	R_24	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Messages"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/41	R_41	Zero, One or More		Messages	Nulls Not Allowed	SenderMessageUser	Non-Identifying
R/79	R_79	Zero, One or More		Messages	Nulls Allowed	Warehouse worker	Non-Identifying

Attribute/Column(s) of Entity/Table "Messages"				
Name	Physical Name	Null Option	Physical Data Type	Type
SenderId	SenderId	Not Null	uniqueidentifier	Non Primary Key
MessageId	MessageId	Not Null	integer	Primary Key
MessageType	MessageType	Not Null	nvarchar(20)	Non Primary Key
MessageContent	MessageContent	Not Null	nvarchar(500)	Non Primary Key
SentDate	SentDate	Not Null	datetime	Non Primary Key
Status	Status	Not Null	nvarchar(10)	Non Primary Key
SoftDelete	SoftDelete	Not Null	binary	Non Primary Key
Warehouse workerId	Warehouse_workerId	Null	uniqueidentifier	Non Primary Key

Entity/Table "MessagesForWarehouseworkers"	
Name	MessagesForWarehouseworkers
Physical Name	MessagesForWarehouseworkers

Child Relationship(s) of Entity/Table "MessagesForWarehouseworkers"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/24	R_24	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Messages	Identifying
R/25	R_25	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Warehouse worker	Identifying

Attribute/Column(s) of Entity/Table "MessagesForWarehouseworkers"				
Name	Physical Name	Null Option	Physical Data Type	Type
Warehouse workerId	Warehouse_workerId	Not Null	uniqueidentifier	Primary Key
MessageId	MessageId	Not Null	integer	Primary Key

Entity/Table "SenderMessageUser"	
Name	SenderMessageUser
Physical Name	SenderMessageUser

Parent Relationship(s) of Entity/Table "SenderMessageUser"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/41	R_41	Zero, One or More		Messages	Nulls Not Allowed	Non-Identifying
R/68	R_68	Zero or One (Z)		RequesterAndBuyerUser	Nulls Not Allowed	Subtype
R/72	R_72	Zero or One (Z)		Suppliers	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "SenderMessageUser"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/66	R_66	Zero or One (Z)		SenderMessageUser	Nulls Not Allowed	AspNetUsers	Subtype

Attribute/Column(s) of Entity/Table "SenderMessageUser"				
Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key

Entity/Table "RequesterAndBuyerUser"		
Name	RequesterAndBuyerUser	
Physical Name	RequesterAndBuyerUser	

Parent Relationship(s) of Entity/Table "RequesterAndBuyerUser"						
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/42	R_42	Zero, One or More		Sales	Nulls Not Allowed	Non-Identifying
R/43	R_43	Zero, One or More		Requests	Nulls Not Allowed	Non-Identifying
R/70	R_70	Zero or One (Z)		Distributors	Nulls Not Allowed	Identifying
R/71	R_71	Zero or One (Z)		Customers	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "RequesterAndBuyerUser"							
Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/68	R_68	Zero or One (Z)		RequesterAndBuyerUser	Nulls Not Allowed	SenderMessageUser	Subtype

Attribute/Column(s) of Entity/Table "RequesterAndBuyerUser"				
Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key

Subject Area(s) of Model "Model 1"

ER Diagram(s) of Subject Area "Model 1"

Entity/Table(s) of ER Diagram "ER Diagram 163"

Name	Physical Name
AspNetUsers	AspNetUsers
Products	Products
Categories	Categories
Suppliers	Suppliers
Orders	Orders
Orders Products	Orders_Products
Requests	Requests
Distributors	Distributors
Customers	Customers
Warehouse worker	Warehouse_worker
Sales	Sales
Products Categories	Products_Categories
Products Requests	Products_Requests
Sales Products	Sales_Products
Messages	Messages
MessagesForWarehouseworkers	MessagesForWarehouseworkers
SenderMessageUser	SenderMessageUser
RequesterAndBuyerUser	RequesterAndBuyerUser

Parent Relationship(s) of Entity/Table "AspNetUsers"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/66	R_66	Zero or One (Z)		SenderMessageUser	Nulls Not Allowed	Subtype
R/67	R_67	Zero or One (Z)		Warehouse worker	Nulls Not Allowed	Subtype

Attribute/Column(s) of Entity/Table "AspNetUsers"

Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key
UserName	UserName	Not Null	nvarchar(256)	Non Primary Key
NormalizedUserName	NormalizedUserName	Not Null	nvarchar(256)	Non Primary Key
Email	Email	Not Null	nvarchar(256)	Non Primary Key
NormalizedEmail	NormalizedEmail	Not Null	nvarchar(256)	Non Primary Key
PasswordHash	PasswordHash	Not Null	nvarchar()	Non Primary Key
PhoneNumber	PhoneNumber	Null	nvarchar(20)	Non Primary Key
IsActive	IsActive	Not Null	varbinary	Non Primary Key

Parent Relationship(s) of Entity/Table "Products"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/3	R_3	Zero, One or More		Orders Products	Nulls Not Allowed	Identifying
R/9	R_9	Zero, One or More		Products Categories	Nulls Not Allowed	Identifying
R/17	R_17	Zero, One or More		Products Requests	Nulls Not Allowed	Identifying
R/21	R_21	Zero, One or More		Sales Products	Nulls Not Allowed	Identifying

Attribute/Column(s) of Entity/Table "Products"

Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	integer	Primary Key
Name	Name	Not Null	nvarchar(30)	Non Primary Key
Description	Description	Not Null	nvarchar(500)	Non Primary Key
Price	Price	Not Null	decimal(18,2)	Non Primary Key
StockQuantity	StockQuantity	Not Null	bigint	Non Primary Key
ImagePath	ImagePath	Null	nvarchar(500)	Non Primary Key
SoftDelete	SoftDelete	Not Null	binary	Non Primary Key

Parent Relationship(s) of Entity/Table "Categories"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/10	R_10	Zero, One or More		Products Categories	Nulls Not Allowed	Identifying

Attribute/Column(s) of Entity/Table "Categories"

Name	Physical Name	Null Option	Physical Data Type	Type
CategoryId	CategoryId	Not Null	integer	Primary Key

Name	Name	Not Null	nvarchar(20)	Non Primary Key
SoftDelete	SoftDelete	Not Null	binary	Non Primary Key

Parent Relationship(s) of Entity/Table "Suppliers"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/76	R_76	Zero, One or More		Orders	Nulls Not Allowed	Non-Identifying

Child Relationship(s) of Entity/Table "Suppliers"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/72	R_72	Zero or One (Z)		Suppliers	Nulls Not Allowed	SenderMessageUser	Identifying

Attribute/Column(s) of Entity/Table "Suppliers"

Name	Physical Name	Null Option	Physical Data Type	Type
SupplierId	SupplierId	Not Null	uniqueidentifier	Primary Key
CompanyName	CompanyName	Null	nvarchar(20)	Non Primary Key
factoryLocation	factoryLocation	Not Null	nvarchar(20)	Non Primary Key
PreferredDeliveryMethod	PreferredDeliveryMethod	Not Null	nvarchar(15)	Non Primary Key

Parent Relationship(s) of Entity/Table "Orders"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/2	R_2	Zero, One or More		Orders Products	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Orders"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/76	R_76	Zero, One or More		Orders	Nulls Not Allowed	Suppliers	Non-Identifying
R/77	R_77	Zero, One or More		Orders	Nulls Not Allowed	Warehouse worker	Non-Identifying

Attribute/Column(s) of Entity/Table "Orders"

Name	Physical Name	Null Option	Physical Data Type	Type
OrderId	OrderId	Not Null	integer	Primary Key
OrderDate	OrderDate	Not Null	datetime	Non Primary Key
Status	Status	Not Null	nvarchar(20)	Non Primary Key
RequestedByWorkerId	RequestedByWorkerId	Not Null	uniqueidentifier	Non Primary Key
SupplierId	SupplierId	Not Null	uniqueidentifier	Non Primary Key
Warehouse workerId	Warehouse_workerId	Not Null	uniqueidentifier	Non Primary Key

Child Relationship(s) of Entity/Table "Orders Products"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/2	R_2	Zero, One or More		Orders Products	Nulls Not Allowed	Orders	Identifying
R/3	R_3	Zero, One or More		Orders Products	Nulls Not Allowed	Products	Identifying

Attribute/Column(s) of Entity/Table "Orders Products"

Name	Physical Name	Null Option	Physical Data Type	Type
OrderId	OrderId	Not Null	integer	Primary Key
ProductId	ProductId	Not Null	integer	Primary Key
QuantityOrdered	QuantityOrdered	Not Null	integer	Non Primary Key

Parent Relationship(s) of Entity/Table "Requests"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/7	R_7	Zero, One or More		Sales	Nulls Allowed	Non-Identifying
R/18	R_18	Zero, One or More		Products Requests	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Requests"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/26	R_26	Zero, One or More		Requests	Nulls Allowed	Warehouse worker	Non-Identifying
R/43	R_43	Zero, One or More		Requests	Nulls Not Allowed	RequesterAndBuyerUser	Non-Identifying

Attribute/Column(s) of Entity/Table "Requests"

Name	Physical Name	Null Option	Physical Data Type	Type
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ProcessedByWorkerId	ProcessedByWorkerId	Null	uniqueidentifier	Non Primary Key
RequesterId	RequesterId	Not Null	uniqueidentifier	Non Primary Key
RequestId	RequestId	Not Null	integer	Primary Key
Status	Status	Not Null	char(18)	Non Primary Key
RequestDate	RequestDate	Not Null	char(18)	Non Primary Key
Note	Note	Null	char(18)	Non Primary Key
SoftDelete	SoftDelete	Not Null	char(18)	Non Primary Key

Child Relationship(s) of Entity/Table "Distributors"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/70	R_70	Zero or One (Z)		Distributors	Nulls Not Allowed	RequesterAndBuyerUser	Identifying

Attribute/Column(s) of Entity/Table "Distributors"

Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key
CompanyName	CompanyName	Not Null	nvarchar(20)	Non Primary Key
TaxNumber	TaxNumber	Not Null	nvarchar(15)	Non Primary Key
MOL	MOL	Not Null	nvarchar(40)	Non Primary Key
CompanyEmail	CompanyEmail	Not Null	nvarchar(25)	Non Primary Key
CompanyPhoneNumber	CompanyPhoneNumber	Not Null	nvarchar(15)	Non Primary Key
BusinessAddress	BusinessAddress	Not Null	nvarchar(20)	Non Primary Key
LicenseExpirationDate	LicenseExpirationDate	Null	datetime	Non Primary Key
DiscountRate	DiscountRate	Not Null	decimal(18,2)	Non Primary Key

Child Relationship(s) of Entity/Table "Customers"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/71	R_71	Zero or One (Z)		Customers	Nulls Not Allowed	RequesterAndBuyerUser	Identifying

Attribute/Column(s) of Entity/Table "Customers"

Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key
FirstName	FirstName	Not Null	nvarchar(20)	Non Primary Key
LastName	LastName	Not Null	nvarchar(20)	Non Primary Key

Parent Relationship(s) of Entity/Table "Warehouse worker"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/25	R_25	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Identifying
R/26	R_26	Zero, One or More		Requests	Nulls Allowed	Non-Identifying
R/77	R_77	Zero, One or More		Orders	Nulls Not Allowed	Non-Identifying
R/79	R_79	Zero, One or More		Messages	Nulls Allowed	Non-Identifying

Child Relationship(s) of Entity/Table "Warehouse worker"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/67	R_67	Zero or One (Z)		Warehouse worker	Nulls Not Allowed	AspNetUsers	Subtype

Attribute/Column(s) of Entity/Table "Warehouse worker"

Name	Physical Name	Null Option	Physical Data Type	Type
Warehouse workerId	Warehouse_workerId	Not Null	uniqueidentifier	Primary Key
FirstName	FirstName	Not Null	nvarchar(20)	Non Primary Key
LastName	LastName	Not Null	nvarchar(20)	Non Primary Key
StartWork	StartWork	Not Null	datetime	Non Primary Key
EndWork	EndWork	Null	datetime	Non Primary Key

Parent Relationship(s) of Entity/Table "Sales"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/20	R_20	Zero, One or More		Sales Products	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Sales"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/7	R_7	Zero, One or More		Sales	Nulls Allowed	Requests	Non-Identifying

R/42	R_42	Zero, One or More		Sales	Nulls Not Allowed	RequesterAndBuyerUser	Non-Identifying
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Attribute/Column(s) of Entity/Table "Sales"

Name	Physical Name	Null Option	Physical Data Type	Type
CustomerId	CustomerId	Not Null	uniqueidentifier	Non Primary Key
RequestId	RequestId	Null	integer	Non Primary Key
SaleId	SaleId	Not Null	integer	Primary Key
SaleDate	SaleDate	Not Null	datetime	Non Primary Key
TotalAmount	TotalAmount	Not Null	decimal(18,2)	Non Primary Key

Child Relationship(s) of Entity/Table "Products Categories"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/9	R_9	Zero, One or More		Products Categories	Nulls Not Allowed	Products	Identifying
R/10	R_10	Zero, One or More		Products Categories	Nulls Not Allowed	Categories	Identifying

Attribute/Column(s) of Entity/Table "Products Categories"

Name	Physical Name	Null Option	Physical Data Type	Type
ProductId	ProductId	Not Null	integer	Primary Key
CategoryId	CategoryId	Not Null	integer	Primary Key

Child Relationship(s) of Entity/Table "Products Requests"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/17	R_17	Zero, One or More		Products Requests	Nulls Not Allowed	Products	Identifying
R/18	R_18	Zero, One or More		Products Requests	Nulls Not Allowed	Requests	Identifying

Attribute/Column(s) of Entity/Table "Products Requests"

Name	Physical Name	Null Option	Physical Data Type	Type
ProductId	ProductId	Not Null	integer	Primary Key
RequestId	RequestId	Not Null	integer	Primary Key
QuantityRequested	QuantityRequested	Not Null	integer	Non Primary Key
PriceUponRequest	PriceUponRequest	Not Null	decimal(18,2)	Non Primary Key

Child Relationship(s) of Entity/Table "Sales Products"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/20	R_20	Zero, One or More		Sales Products	Nulls Not Allowed	Sales	Identifying
R/21	R_21	Zero, One or More		Sales Products	Nulls Not Allowed	Products	Identifying

Attribute/Column(s) of Entity/Table "Sales Products"

Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	integer	Primary Key
SaleId	SaleId	Not Null	integer	Primary Key

Parent Relationship(s) of Entity/Table "Messages"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/24	R_24	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "Messages"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/41	R_41	Zero, One or More		Messages	Nulls Not Allowed	SenderMessageUser	Non-Identifying
R/79	R_79	Zero, One or More		Messages	Nulls Allowed	Warehouse worker	Non-Identifying

Attribute/Column(s) of Entity/Table "Messages"

Name	Physical Name	Null Option	Physical Data Type	Type
SenderId	SenderId	Not Null	uniqueidentifier	Non Primary Key
MessageId	MessageId	Not Null	integer	Primary Key
MessageType	MessageType	Not Null	nvarchar(20)	Non Primary Key

MessageContent	MessageContent	Not Null	nvarchar(500)	Non Primary Key
SentDate	SentDate	Not Null	datetime	Non Primary Key
Status	Status	Not Null	nvarchar(10)	Non Primary Key
SoftDelete	SoftDelete	Not Null	binary	Non Primary Key
Warehouse workerId	Warehouse_workerId	Null	uniqueidentifier	Non Primary Key

Child Relationship(s) of Entity/Table "MessagesForWarehouseworkers"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/24	R_24	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Messages	Identifying
R/25	R_25	Zero, One or More		MessagesForWarehouseworkers	Nulls Not Allowed	Warehouse worker	Identifying

Attribute/Column(s) of Entity/Table "MessagesForWarehouseworkers"

Name	Physical Name	Null Option	Physical Data Type	Type
Warehouse workerId	Warehouse_workerId	Not Null	uniqueidentifier	Primary Key
MessageId	MessageId	Not Null	integer	Primary Key

Parent Relationship(s) of Entity/Table "SenderMessageUser"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/41	R_41	Zero, One or More		Messages	Nulls Not Allowed	Non-Identifying
R/68	R_68	Zero or One (Z)		RequesterAndBuyerUser	Nulls Not Allowed	Subtype
R/72	R_72	Zero or One (Z)		Suppliers	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "SenderMessageUser"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/66	R_66	Zero or One (Z)		SenderMessageUser	Nulls Not Allowed	AspNetUsers	Subtype

Attribute/Column(s) of Entity/Table "SenderMessageUser"

Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key

Parent Relationship(s) of Entity/Table "RequesterAndBuyerUser"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Type
R/42	R_42	Zero, One or More		Sales	Nulls Not Allowed	Non-Identifying
R/43	R_43	Zero, One or More		Requests	Nulls Not Allowed	Non-Identifying
R/70	R_70	Zero or One (Z)		Distributors	Nulls Not Allowed	Identifying
R/71	R_71	Zero or One (Z)		Customers	Nulls Not Allowed	Identifying

Child Relationship(s) of Entity/Table "RequesterAndBuyerUser"

Name	Physical Name	Cardinality	Cardinality Value	Child Entity	Null Option	Parent Entity	Type
R/68	R_68	Zero or One (Z)		RequesterAndBuyerUser	Nulls Not Allowed	SenderMessageUser	Subtype

Attribute/Column(s) of Entity/Table "RequesterAndBuyerUser"

Name	Physical Name	Null Option	Physical Data Type	Type
Id	Id	Not Null	uniqueidentifier	Primary Key

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