CREATE DATABASE Storage

CREATE TABLE [dbo].[Branch](

[BranchID] [int] IDENTITY PRIMARY KEY NOT NULL,

[BranchName] [varchar](50) NOT NULL

)

CREATE TABLE [dbo].[Customer](

[CustomerID] [int] PRIMARY KEY NOT NULL,

[CustomerName] [varchar](50) NOT NULL

)

CREATE TABLE [dbo].[Order](

[OrderDataWarehouseID] [int] IDENTITY PRIMARY KEY NOT NULL,

[OrderSystemID] [int] NOT NULL,  
 [DatePurchase] [datetime] NOT NULL

)

CREATE TABLE [dbo].[Product](

[ProductID] [int] PRIMARY KEY NOT NULL,

[ProductName] [varchar](50) NOT NULL

)

CREATE TABLE [dbo].[TimePurchase](

[TimePurchaseID] [int] IDENTITY PRIMARY KEY NOT NULL,

Year smallint NULL,

Month tinyint NULL,

Day tinyint NULL,

[DatePurchase] [datetime] NOT NULL

)

CREATE TABLE [dbo].[Synchronizes](

[SynchronizeID] [int] IDENTITY PRIMARY KEY NOT NULL,

[DateSynchron] [datetime] NOT NULL

)

CREATE TABLE [dbo].[Storage](

[ProductID] [int] NOT NULL,

[CustomerID] [int] NOT NULL,

[OrderDataWarehouseID] [int] NOT NULL,

[BranchID] [int] NOT NULL,

[TimePurchaseID] [int] NOT NULL,

[SynchronizeID] [int] NOT NULL,

[PriceFix] [money] NOT NULL,

[PricePurchase] [money] NOT NULL,

[Count] [int] NOT NULL

)

ALTER TABLE [dbo].[Storage]

ADD CONSTRAINT [FK\_Storage\_BranchID]

FOREIGN KEY([BranchID])

REFERENCES [dbo].[Branch] ([BranchID])

ALTER TABLE [dbo].[Storage]

ADD CONSTRAINT [FK\_Storage\_CustomerID]

FOREIGN KEY([CustomerID])

REFERENCES [dbo].[Customer] ([CustomerID])

ALTER TABLE [dbo].[Storage]

ADD CONSTRAINT [FK\_Storage\_ SynchronizeID]

FOREIGN KEY([SynchronizeID])

REFERENCES [dbo].[Synchronizes] ([SynchronizeID])

ALTER TABLE [dbo].[Storage]

ADD CONSTRAINT [FK\_Storage\_OrderDataWarehouseID]

FOREIGN KEY([OrderDataWarehouseID])

REFERENCES [dbo].[Order] ([OrderDataWarehouseID])

ALTER TABLE [dbo].[Storage]

ADD CONSTRAINT [FK\_Storage\_ProductID]

FOREIGN KEY([ProductID])

REFERENCES [dbo].[Product] ([ProductID])

ALTER TABLE [dbo].[Storage]

ADD CONSTRAINT [FK\_Storage\_TimePurchaseID]

FOREIGN KEY([TimePurchaseID])

REFERENCES [dbo].[TimePurchase] ([TimePurchaseID])