```
CREATE TABLE Produces(
    ManufacturerID INT,
    ProductID INT,
    SetUpCost DECIMAL NOT NULL,
    ProductCostPerUnit DECIMAL NOT NULL,
    CHECK (SetUpCost >= 0),
    CHECK (ProductCostPerUnit >= 0),
    FOREIGN KEY (ManufacturerID) REFERENCES Manufacturer
(ProducesEntityID),
    FOREIGN KEY (ProductID) REFERENCES ProductItem (ProductID)
  );


  CREATE TABLE Manufacturer (
    ManufacturerID INT PRIMARY KEY,
    WebLocation VARCHAR(200) NOT NULL,
    Name VARCHAR(200) NOT NULL,
    Address VARCHAR(200) NOT NULL,
    Phone VARCHAR(20) NOT NULL,
    ContactInfo VARCHAR(200) NOT NULL,
    ShippingLocation VARCHAR(200) NOT NULL
);

CREATE TABLE ProductItem (
    ProductID INT PRIMARY KEY,
    Weight VARCHAR(100) NOT NULL,
    MaterialItemID INT,
    FOREIGN KEY (MaterialItemID) REFERENCES MaterialItem (MaterialItemID)
);
```

```sql
CREATE TABLE Shipper (
    ShipperID INT PRIMARY KEY,
    ProductID INT,
    WebLocation VARCHAR(200) NOT NULL,
    Name VARCHAR(200) NOT NULL,
    Address VARCHAR(200) NOT NULL,
    Phone VARCHAR(20) NOT NULL,
    ContactInfo VARCHAR(200) NOT NULL,
    FOREIGN KEY (ProductID) REFERENCES ProductItem (ProductID)
);

CREATE TABLE Customer (
    CustomerID INT PRIMARY KEY,
    WebLocation VARCHAR(200) NOT NULL,
    Name VARCHAR(200) NOT NULL,
    Address VARCHAR(200) NOT NULL,
    Phone VARCHAR(20) NOT NULL,
    ContactInfo VARCHAR(200) NOT NULL,
    ShippingLocation VARCHAR(200) NOT NULL
);


CREATE TABLE ShipsOrder(
    ShipperID INT,
    CustomerID INT,
    Price DECIMAL NOT NULL,
    Discount DECIMAL NOT NULL,
    CHECK (Price >= 0),
    CHECK (Discount >= 0),
    FOREIGN KEY (ShipperID) REFERENCES Shipper (ShipperID),
    FOREIGN KEY (CustomerID) REFERENCES Customer (CustomerID)
  );

  CREATE TABLE Supplier (
    SupplierID INT PRIMARY KEY,
    WebLocation VARCHAR(200) NOT NULL,
    Name VARCHAR(200) NOT NULL,
    Address VARCHAR(200) NOT NULL,
    Phone VARCHAR(20) NOT NULL,
    ContactInfo VARCHAR(200) NOT NULL,
    ShippingLocation VARCHAR(200) NOT NULL
);

  CREATE TABLE MaterialItem (
    MaterialItemID INT PRIMARY KEY,
    Quantity VARCHAR(200) NOT NULL
);
CREATE TABLE SupplyOrder(
    SupplierID INT,
    CustomerID INT,
    Price DECIMAL NOT NULL,
    Discount DECIMAL NOT NULL,
    CHECK (Price >= 0),
    CHECK (Discount >= 0),
    FOREIGN KEY (SupplierID) REFERENCES Supplier (SupplierID),
    FOREIGN KEY (CustomerID) REFERENCES Customer (CustomerID)
  );
  CREATE TABLE SuppliedBy(
    SupplierID INT,
    ProductID INT,
    Price DECIMAL NOT NULL,
    Discount DECIMAL NOT NULL,
```

```sql
    CHECK (Price >= 0),
    CHECK (Discount >= 0),
    FOREIGN KEY (SupplierID) REFERENCES Supplier (SupplierID),
    FOREIGN KEY (ProductID) REFERENCES ProductItem (ProductID)
);
```