**Below is the code**

CREATE TABLE "Employee " (

"EmployeeID" VARCHAR(20),

"First Name" VARCHAR(20) NOT NULL,

"Last Name" VARCHAR(20),

"PhoneNumber" NUMERIC(20) NOT NULL,

"PostID" VARCHAR(20) NOT NULL,

"Address" VARCHAR(20)

PRIMARY KEY (EmployeeID)

FOREIGN KEY (PostID) REFERENCES Post(PostID)

);

CREATE TABLE "Post" (

"PostID" VARCHAR(20),

"Post" VARCHAR(20) NOT NULL,

"Hourly\_Pay" NUMERIC(20) CHECK(Hourly\_Pay > 0)

PRIMARY KEY(PostID)

);

CREATE TABLE "Product\_Type" (

"TypeID" VARCHAR(10),

"Description" VARCHAR(40) NOT NULL,

PRIMARY KEY (TypeID));

CREATE TABLE "Product" (

"ProductID" VARCHAR(20),

"Name" VARCHAR(20) NOT NULL UNIQUE,

"TypeID" VARCHAR(10),

"Price" NUMERIC(20)

PRIMARY KEY (ProductID),

FOREIGN KEY (TypeID) REFERENCES Product\_Type(TypeID)

);

CREATE TABLE "Customer" (

"CustomerID" VARCHAR(20),

"First Name" VARCHAR(20) NOT NULL,

"Last Name" VARCHAR(20),

"Phone Number" NUMERIC(20) NOT NULL,

"Address" VARCHAR(20)

PRIMARY KEY (CustomerID)

);

CREATE TABLE "Company" (

"CompanyID" VARCHAR(20),

"CompanyName" VARCHAR(20) NOT NULL UNIQUE,

PRIMARY KEY (CompanyID)

);

CREATE TABLE "Company\_Customer" (

"CompanyID" VARVCHAR(20) NOT NULL,

"CustomerID" VARCHAR(20) NOT NULL

FOREIGN KEY (CompanyID) REFERENCES Company(CompanyID),

FOREIGN KEY (CustomerID) REFERENCES Customer(CustomerID)

);

CREATE TABLE "Machine\_Company"(

"CompanyID" VARCHAR(20),

"Company" VARCHAR(90) NOT NULL UNIQUE,

PRIMARY KEY (CompanyID)

);

CREATE TABLE "Machine\_Type" (

"MachineID" VARCHAR(20),

"MachineType" VARCHAR(20) NOT NULL UNIQUE,

"Price" NUMERIC(10) CHECK(Price > 0),

"Model" VARCHAR(20),

"CompanyID" VARCHAR(20),

PRIMARY KEY (MachineID),

FOREIGN KEY(CompanyID) REFERENCES Machine\_Company(CompanyID)

);

CREATE TABLE "Looms" (

"LoomNO" VARCHAR(20),

"ProductID" VARCHAR(20) NOT NULL,

"MachineID" VARCHAR(20),

"EmployeeID" VARCHAR(20),

PRIMARY KEY (LoomNO),

FOREIGN KEY (MachineID) REFERENCES Machine\_Type(MachineID),

FOREIGN KEY (EmployeeID) REFERENCES Employee(EmployeeID),

FOREIGN KEY (ProductID) REFERENCES Product(ProductID)

);

CREATE TABLE "Sales\_Invoice\_Header" (

"OrderID" VARCHAR(20),

"CustomerID" VARCHAR(20) NOT NULL,

"Date" DATE CHECK (Date LIKE '--/--/----'),

PRIMARY KEY(OrderID)

);

CREATE TABLE "Sales\_Invoice\_line"(

"LineID" VARCHAR(20),

"OrderID" VARCHAR(20),

"ProductID" VARCHAR(20),

"Qty" NUMERIC(30) CHECK(Qty > 0),

"Total Amount" NUMERIC(30) NOT NULL,

"Discount" NUMERIC(30) NOT NULL,

"Total Payable Amount" NUMERIC(30) NOT NULL

PRIMARY KEY (LineID),

FOREIGN KEY(OrderID) REFERENCES Sales\_Invoice\_Header(OrderID),

FOREIGN KEY(ProductID) REFERENCES Product(ProductID) );