Timothy Jelinek

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CREATE TABLE Consumer (
	CustomerID INT PRIMARY KEY,
	CustomerName VARCHAR(50),
	Phone VARCHAR(15),
	Address VARCHAR(100));

CREATE TABLE Bid (
	BidID INT PRIMARY KEY,
	CustomerID INT,
	BidAmount DECIMAL(10,2),
	BidDate DATE,
	FOREIGN KEY (CustomerID) REFERENCES Consumer(CustomerID));

CREATE TABLE Repair(
	RepairID INT PRIMARY KEY,
	BidID INT,
	Description VARCHAR(100),
	MaterialCost DECIMAL(10,2),
	LaborHours DECIMAL(10,2),
	FOREIGN KEY (BidID) REFERENCES Bid(BidID));

CREATE TABLE Supplier (
	SupplierID INT PRIMARY KEY,
	SupplierName VARCHAR(100),
	CreditTerms DECIMAL(10,2),);

CREATE TABLE Material (
	MaterialID INT PRIMARY KEY,
	RepairID INT,
	SupplierID INT,
	MaterialName VARCHAR(100),
	Quantity INT,
	UnitPrice DECIMAL(10,2),
	FOREIGN KEY (RepairID) REFERENCES Repair(RepairID),
	FOREIGN KEY (SupplierID) REFERENCES Supplier(SupplierID),);

CREATE TABLE PaymentForRepairs (
	PaymentRepairID INT PRIMARY KEY,
	CustomerID INT,
	RepairPaymentDate DATE,
	RepairPaymentAmount DECIMAL(10,2),
	FOREIGN KEY (CustomerID) REFERENCES Consumer(CustomerID),
	);

CREATE TABLE PaymentForMaterials (
	PaymentID INT PRIMARY KEY,
	SupplierID INT,
	PaymentDate DATE,
	PaymentAmount DECIMAL(10,2),
	FOREIGN KEY (SupplierID) REFERENCES Supplier(SupplierID));

INSERT INTO Consumer (CustomerID, CustomerName, Phone, Address)
VALUES
(1, 'Paul Blart', '555-444-3333', '8228 Michigan Drive'),
(2, 'Michael Schmit', '222-333-4444', '5588 New Mexican Drive'),
(3, 'Mitchell Stewert', '111-587-2384', '6249 88th Street'),
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(4, 'Steven La Point', '487-559-8790', '1234 Sesame Street'),
(5, 'Pepe Le Pue', '287-946-2897', '28 Stink Street');

INSERT INTO Bid (BidID, CustomerID, BidAmount, BidDate)
VALUES
(1, 3, 85.90, '2020-11-29'),
(2, 4, 100, '2021-11-30'),
(3, 1, 99.99, '2022-10-31'),
(4, 2, 1000, '2023-12-25'),
(5, 5, 20, '2019-1-2');

INSERT INTO Repair (RepairID, BidID, Description, MaterialCost, LaborHours)
VALUES
(1, 3, 'Clean the attic', 10000, 40),
(2, 4, 'Repair siding', 10, 1),
(3, 5, 'Repair roof', 90, 30),
(4, 2, 'Fix window', 50, 3),
(5, 1, 'Make a deck', 3000, 30);

INSERT INTO Material (MaterialID, RepairID, SupplierID, MaterialName, Quantity,
UnitPrice)
VALUES
(1, 2, 4, 'Siding', 5, 20),
(2, 3, 3, 'Shingles', 20, 100.99),
(3, 5, 2, 'Wood', 50, 10),
(4, 1, 5, 'Broom', 20, 25),
(5, 4, 1, 'Window Pane', 1, 200);

INSERT INTO Supplier (SupplierID, SupplierName, CreditTerms)
VALUES
(1, 'Jake and his Siding', 1000),
(2, 'A Dog Says Roof', 20000),
(3, 'Witches Love Buying Brooms Here', 100),
(4, 'Woodnt You Like to Know', 10000),
(5, 'For When A Brick Flies Through You Window', 250000);

INSERT INTO PaymentForRepairs (PaymentRepairID, CustomerID, RepairPaymentDate,
RepairPaymentAmount)
VALUES
(1, 3, '2023-12-20', 100),
(2, 4, '2022-10-31', 2500),
(3, 1, '2025-11-25', 10),
(4, 2, '2027-1-26', 1500),
(5, 5, '2026-4-16', 25);

INSERT INTO PaymentForMaterials (PaymentID, SupplierID, PaymentDate, PaymentAmount)
VALUES
(1, 3, '2025-10-12', 10),
(2, 5, '2024-1-20', 1000),
(3, 2, '2023-3-4', 500),
(4, 1, '2023-12-8', 15),
(5, 4, '2023-6-18', 1500);

select * from PaymentForMaterials
```