SQL\_Database

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 Chatbot: Based on the provided context, here is a proposed database schema for the Electric Store project:  
  
```sql  
CREATE TABLE Customers (  
 CustomerID INT PRIMARY KEY,  
 FirstName VARCHAR(50),  
 LastName VARCHAR(50),  
 Email VARCHAR(100),  
 PasswordHash VARCHAR(200),  
 Address VARCHAR(150),  
 City VARCHAR(30),  
 State VARCHAR(20),  
 Country VARCHAR(40),  
 Phone VARCHAR(15),  
 CreatedDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,  
 ModifiedDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP  
);  
  
CREATE TABLE Products (  
 ProductID INT PRIMARY KEY,  
 Name VARCHAR(100),  
 Description TEXT,  
 Price DECIMAL(10,2),  
 ImageURL VARCHAR(255),  
 Category VARCHAR(50),  
 SubCategory VARCHAR(50),  
 StockQuantity INT,  
 CreatedDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,  
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);  
  
CREATE TABLE Orders (  
 OrderID INT PRIMARY KEY,  
 CustomerID INT,  
 OrderDate DATE,  
 TotalAmount DECIMAL(10,2),  
 Status VARCHAR(20),  
 FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID)  
);  
  
CREATE TABLE OrderItems (  
 OrderItemID INT PRIMARY KEY,  
 OrderID INT,  
 ProductID INT,  
 Quantity INT,  
 UnitPrice DECIMAL(10,2),  
 FOREIGN KEY (OrderID) REFERENCES Orders(OrderID),  
 FOREIGN KEY (ProductID) REFERENCES Products(ProductID)  
);  
  
CREATE TABLE PaymentMethods (  
 PaymentMethodID INT PRIMARY KEY,  
 MethodName VARCHAR(50),  
 Description TEXT,  
 Enabled BOOLEAN DEFAULT TRUE  
);  
  
CREATE TABLE Payments (  
 PaymentID INT PRIMARY KEY,  
 OrderID INT,  
 PaymentMethodID INT,  
 Amount DECIMAL(10,2),  
 TransactionDate DATE,  
 FOREIGN KEY (OrderID) REFERENCES Orders(OrderID),  
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);  
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This database schema includes the main entities such as `Customers`, `Products`, `Orders`, `OrderItems`, `PaymentMethods`, and `Payments`. Each entity has its own set of attributes, primary key(s), and foreign key relationships. The schema also captures essential data points such as customer information, product details, order history, and payment records.  
  
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