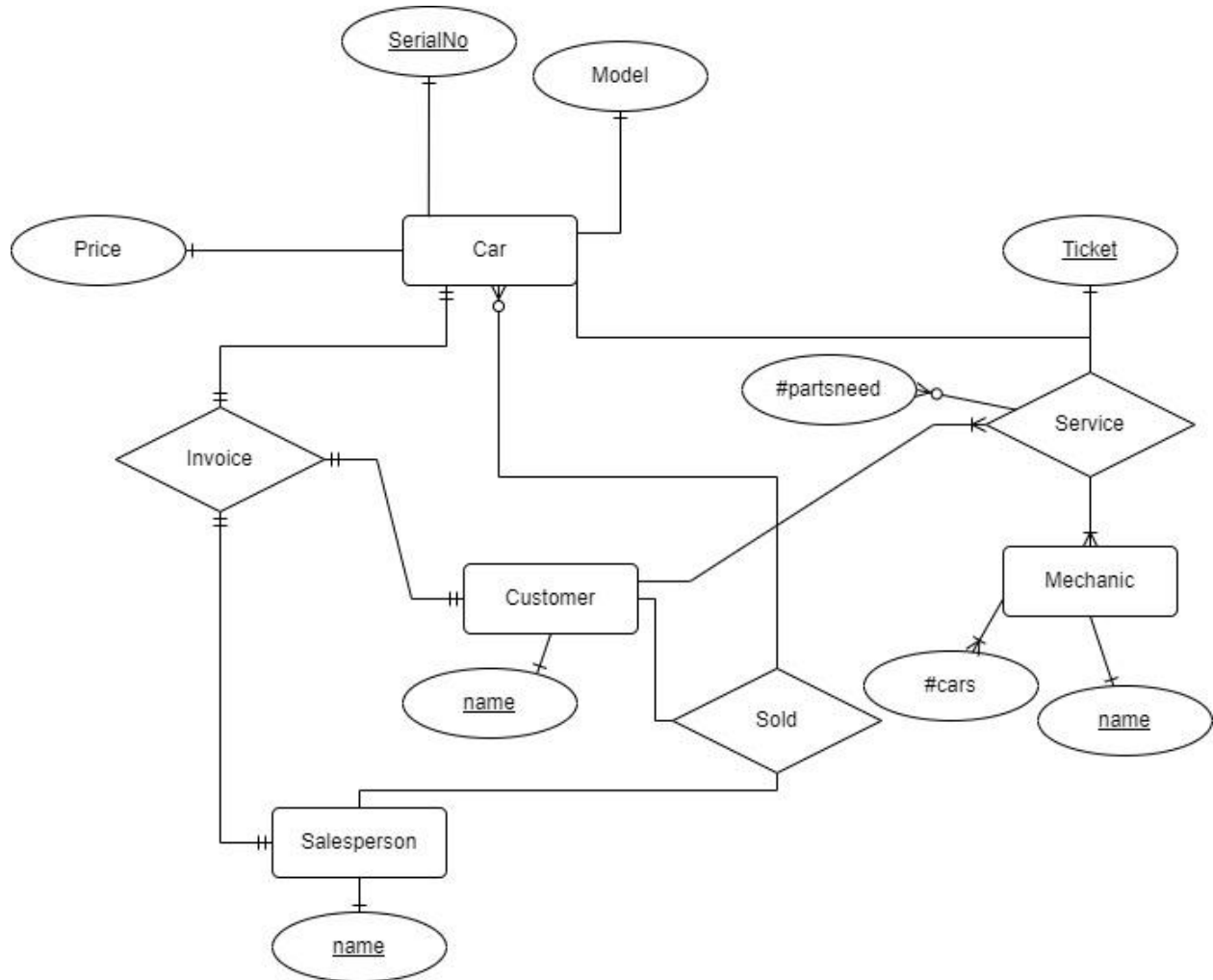ER Diagram of the given description:

SQL:

```
CREATE TABLE Car
(
SerialNo int NOT NULL PRIMARY KEY,
price money,
model char(20),
);


CREATE TABLE Customer
(
name char(25) NOT NULL PRIMARY KEY,
);


CREATE TABLE Salesperson
(
name char(25) NOT NULL PRIMARY KEY,
);


CREATE TABLE Invoice
(
FOREIGN KEY NOT NULL PRIMARY KEY (car_no) REFERENCES Car
(SerialNo),
FOREIGN KEY NOT NULL PRIMARY KEY (sales_name) REFERENCES
Salesperson(name),
FOREIGN KEY NOT NULL PRIMARY KEY (customer_name)
REFERENCES Customer (name),
price money,
model char(20)
);
```

```
CREATE TABLE Mechanic
(
name char(25) NOT NULL PRIMARY KEY,
#cars int,
);


CREATE TABLE Service
(
ticket char(25) NOT NULL PRIMARY KEY,
#parts need int,
FOREIGN KEY NOT NULL PRIMARY KEY (mechanic_name)
REFERENCES Mechanic(name),
);


CREATE TABLE Selling
(
FOREIGN KEY NOT NULL PRIMARY KEY (car_no) REFERENCES Car
(SerialNo),
FOREIGN KEY NOT NULL PRIMARY KEY (sales_name) REFERENCES
Salesperson(name),
FOREIGN KEY NOT NULL PRIMARY KEY (customer_name)
REFERENCES Customer (name),
);
```

Table as a result:

Customer

PK	name char(25) NOT NULL

Salesperson

PK	name char(25) NOT NULL

Invoice

PK	FOREIGN KEY NOT NULL (customer_name) REFERENCES Customer (name)
PK	FOREIGN KEY NOT NULL (sales_name) REFERENCES Salesperson(name)
PK	FOREIGN KEY NOT NULL (car_no) REFERENCES Car (SerialNo)
	price money
	model char(20)

Selling

PK	FOREIGN KEY NOT NULL (customer_name) REFERENCES Customer (name)
PK	FOREIGN KEY NOT NULL (sales_name) REFERENCES Salesperson(name)
PK	FOREIGN KEY NOT NULL (car_no) REFERENCES Car (SerialNo)

Mechanic

PK	name char(25) NOT NULL
	#cars int

Service

PK	FOREIGN KEY NOT NULL (mechanic_name) REFERENCES Mechanic(name)
PK	ticket char(25) NOT NULL
	#parts need int

Car

PK	SerialNo int NOT NULL
	price money
	model char(20)