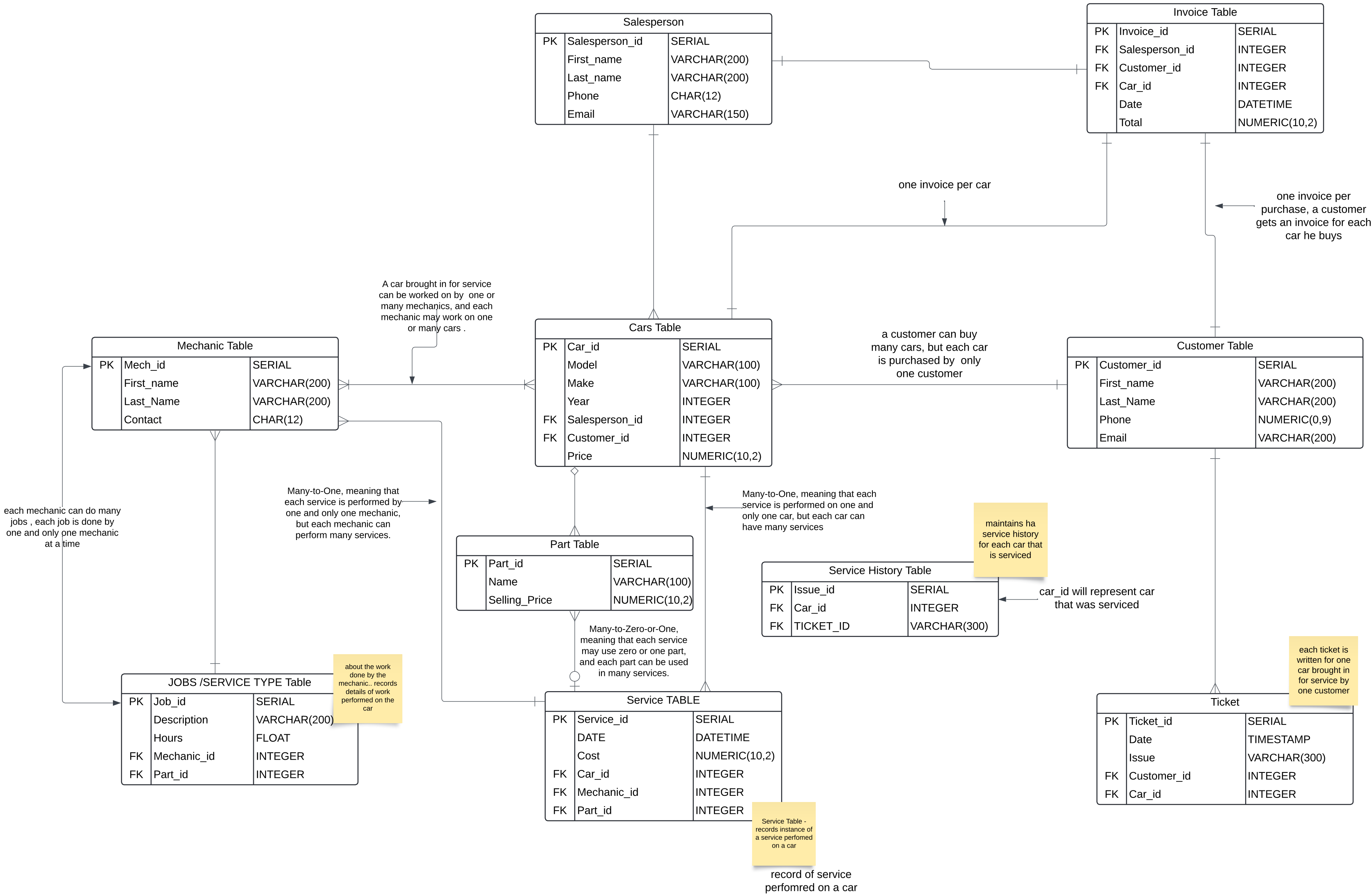


CAR DEALERSHIP ERD DESIGN

Based off clue provided , My ERD will have the following tables : Salesperson, Invoice, cars, Mechanic table, customer , parts, service log, service history, Ticket, service job table,



TABLES IN ERD

Salesperson entity has attributes like SalesID, Name, and Phone. Each salesperson can sell many cars.

Car entity has attributes like CarID, Model, and Price. Each car is sold by only one salesperson and purchased by only one customer.

Invoice - Each invoice is written by one salesperson for each car he or she sells and received by one customer for each car he or she buys.

Customer A customer can buy many cars and can have his or her car serviced.

Part A car that is serviced may or may not need parts

Mechanic entity has attributes like MechID, Name, and Phone. Each mechanic can work on many cars

Job Table: This table is more about the work done by the mechanic. It would record the details of the work performed by a mechanic on a car.

Ticket entity has attributes like TickID, Date, and Issue. Each ticket is written for one car brought in for service by one customer.

The **Service** table is used to record details about individual service events as they occur.

The **Service History** table is used to maintain a historical record of all services performed on each car.