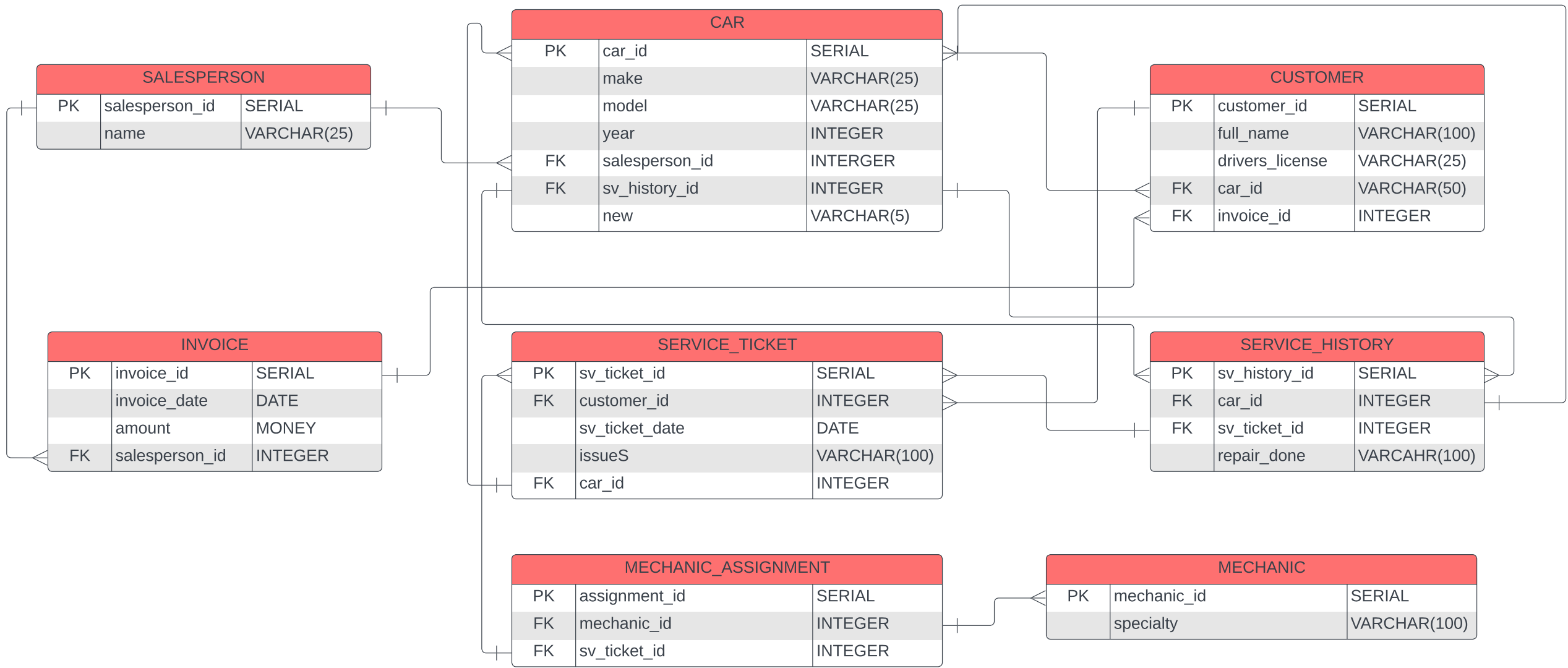


O.G. Motors Dealership ERD



Create an ERD for a car dealership. The dealership sells both new and used cars, and it operates a service facility. Base your design on the following business rules:

1. A **salesperson** may sell many cars, but each **car** is sold by **only one** salesperson.
2. A **customer** may buy many cars, but each car is **purchased by only one customer**.
3. A salesperson writes a **single invoice** for each **car** he or she sells.
4. A customer gets **an** invoice for each car he or she buys.
5. A customer may come in **just** to have his or her car serviced; that is, **a customer need not buy a car to be classified as a customer**.
6. When a customer takes **one or more** cars in for repair or service, **one service ticket is written for each car**.
7. The car dealership maintains a **service history** for each of the cars serviced. The **service records**(service_history) are referenced by the car's serial number(car_id).
8. A car brought in for service can be worked on by many **mechanics**, and each mechanic may work on many cars.