

CAR DEALERSHIP ERD:

- 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 are referenced by the car's serial number.
- 8. A car brought in for service can be worked on by many mechanics and each mechanic may work on many cars
- 9. A car that is serviced may or may not need parts (e.g. adjusting a carburetor or cleaning a fuel injector nozzle does not require providing new parts)

TABLES:

- Salesperson
- Customer
- Invoice
- Mechanic
- Service Ticket

