

A salesperson writes a **single invoice** for each car he or she sells.

The car dealership maintains a service history for each of the cars serviced. The service records are referenced by the car's serial number.

A customer gets **an** invoice for each car he or she buys.

A salesperson may sell many cars, but each car is sold by **only one** salesperson.

A customer may buy many cars, but each car is **purchased by only one** customer.

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.

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).

When a customer takes one or more cars in for repair or service, **one service ticket is written for each car**.

A car brought in for service can be worked on by many mechanics, and each mechanic may work on many cars.

