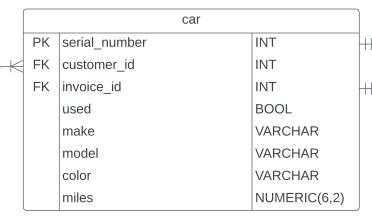# The car entity is the centerpiece of this database

- Serial number is used instead of id, because they serve the same function but serial number is more informative. Each car is uniqely defined by its serial number.
- If a car doenst have an invoice, than it wasn't originaly sold by the dealership. But it still needs to be tracked for service history.
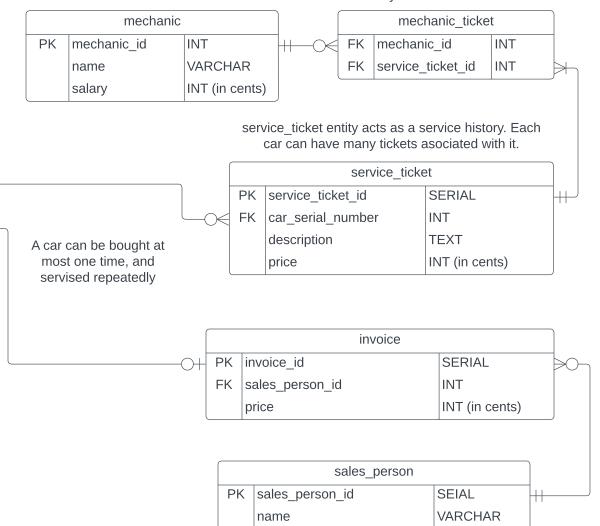- If a car doesnt have an invoice and was never serviced, then it's just in stock for sale.

An intermediete entity to connect many mchanics to many tickets. A ticket however needs to be worked on by at least one mechanic

mechanic

PK	mechanic_id	INT
	name	VARCHAR
	salary	INT (in cents)

mechanic_ticket

FK	mechanic_id	INT
FK	service_ticket_id	INT

service_ticket entity acts as a service history. Each car can have many tickets asociated with it.

car

PK	serial_number	INT
FK	customer_id	INT
FK	invoice_id	INT
	used	BOOL
	make	VARCHAR
	model	VARCHAR
	color	VARCHAR
	miles	NUMERIC(6,2)

service_ticket

PK	service_ticket_id	SERIAL
FK	car_serial_number	INT
	description	TEXT
	price	INT (in cents)

A car can be bought at most one time, and servised repeatedly

Customer is considered to be a customer if they have a car that is bought or serviced. So they need to have at least one car asociated with them.

invoice

PK	invoice_id	SERIAL
FK	sales_person_id	INT
	price	INT (in cents)

customer

PK	customer_id	SERIAL
	name	VARCHAR
	email	VARCHAR
	phone	VARCHAR

sales_person

PK	sales_person_id	SEIAL
	name	VARCHAR
	salary	INT (in cents)