CAR DEALERSHIP ERD

Customer contains customer information.
Car contains car information, associated with customer_id
One car can be associated with only one customer. But a customer can own many cars.
Salesperson contains salesperson information.
Invoice contains invoice information, associated with salesperson_id and car_id
Many invoices can be associated with a salesperson, but only one salesperson can be associated
with an individual invoice. An invoice can only be associated with one car, however a car does not
have to be associated with an invoice if it was not purchased at the dealership.
Service_History is essentially a service receipt. It is associated with one car. A car may or may not
be associated with one service_history.
Service _Ticket contains information on the services performed. It is associated with service_history
via service_id. One service ticket per service history, and only one -- vice versa.
Maintenance_History serves as a join table to associate mechanics with a given service_ticket.
There can be many maintenance_history instances associated with a given service_ticket, but a
maintenance_history may only reference ONE service_ticket.
Mechanic contains mechanic information. This is used in maintenance_history. Each
maintenance_history instance can be associated with only one mechanic, however a mechanic can
take place in many maintenance_histories.

Customer

PK	customer_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)
	phone	VARCHAR(15)

Salesperson

PK	salesperson_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)

Car

PK	car_id	SERIAL
	make	VARCHAR(100)
	model	VARCHAR(100)
	price	NUMERIC(9,2)
	is_serviced	BOOLEAN
	was_purchased	BOOLEAN
FK	customer_id	INTEGER

Invoice

PK	invoice_id	SERIAL
FK	car_id	INTEGER
FK	salesperson_id	INTEGER
	date	DATE

Service_History

PK	service_id	SERIAL
FK	car_id	INTEGER
	date	DATE

Service_Ticket

PK	ticket_id	SERIAL
FK	service_id	INTEGER
	cost	NUMERIC(9,2)
	task	VARCHAR(200)

Maintenance_History

PK	maint_id	SERIAL
FK	ticket_id	INTEGER
FK	mechanic_id	INTEGER

Mechanic

PK	mechanic_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)