Salesperson

PK	salesperson_id	SERIAL
	first_name	VARCHAR(20)
	last_name	VARCHAR(20)

Services

PK	service_id	SERIAL
	service_history	VARCHAR(250)
FK	serv_mech_id	INTEGER

Serv_Mech

PK	serv_mech_id	SERIAL
FK	mechanic_id	INTEGER

Invoices

PK	invoice_id	SERIAL
	isPaid	BOOLEAN
FK	customer_id	INTEGER
FK	salesperson_id	INTEGER
FK	car_id	INTEGER
FK	service_id	INTEGER

Mechanic

PK	mechanic_id	SERIAL
	first_name	VARCHAR(15)
	last_name	VARCHAR(15)

Customer

PK	customer_id	SERIAL
	first_name	VARCHAR(20)
	last_name	VARCHAR(20)
	phone	BIGINT
	email	VARCHAR(20)
	did_Buy	BOOLEAN

Cars

PK	car_id	SERIAL
	isNew	BOOLEAN
	year	INTEGER
	make	VARCHAR(30)
	model	VARCHAR(30)

Car Dealership DB Project

This project ERD was created by Group 2 of the Padawans-101 cohort. The associated SQL code was created by Bo McCarthy. The Rules for the project were as follows...
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.

Created by: Group 2   October 16, 2022