

1 and only 1 staff to 1 and only 1 mechanic staff (this is a table to see who worked on each service ticket)

staff		
PK	staff_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)
	position	VARCHAR(100)

mechanic-service		
PK	mech_serv_id	SERIAL
	service_ticket	INTEGER
	staff_id	INTEGER

one and only one staff per any number of invoices, a salesman can sell multiple cars, but a car can only be credited to one staff member

one and only 1 customer per any number of service tickets, a service ticket comes from 1 customer, who can have any number of services

customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)
	zipcode	VARCHAR(7)

service_ticket		
PK	service_ticket_id	SERIAL
	service_performed	VARCHAR(750)
	parts_needed	VARCHAR(1000)
	dealer_cost	NUMERIC(11,2)
	service_hours	NUMERIC(5,1)
	service_date	TIME
	amount	NUMERIC(11,2)
	VIN	VARCHAR(17)
FK	customer_id	INTEGER

1 mechanic service per 1 ticket (table to det who v

1 customer per any number of invoices, same logic as cust to serv ticket

invoice		
PK	invoice_id	SERIAL
	amount	NUMERIC(11,2)
	invoice_date	TIME
FK	VIN	VARCHAR(17)
FK	staff_id	INTEGER
FK	customer_id	INTEGER

1 service ticket per 1 purchase (purchase is a t

1 vehicle to any number of tickets (only 1 vehicle worked on at a time, b

1 invoice per 1 purchase, purchase table groups service and invoic

1 invoice for 1 vehicle (cars are only sold once)

vehicle		
PK	VIN	VARCHAR(17)
	make	VARCHAR(100)
	model	VARCHAR(100)
	year	INTEGER
	color	VARCHAR(50)
FK	customer_id	INTEGER

purchase		
PK	purchase_id	SERIAL
	car_or_service	VARCHAR(7)
	description	VARCHAR(1000)
FK	invoice_id	INTEGER
FK	service_ticket_id	INTEGER

1 customer per any number of vehicles, each vehicle must have a single owner (which may be the dealership, but any owner can have multiple vehicles or none)