

A salesperson can have zero or multiple invoices as employee of the dealership

An invoice can have one and only one saleperson associated with it

salesperson		
PK	salesperson_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)

An invoice is associated with only one car

Each car is only associated with an invoice

invoice		
PK	invoice_id	SERIAL
FK	salesperson_id	INTEGER
FK	customer_id	INTEGER
FK	car_id	INTEGER
	invoice_date	TIMESTAMP
	invoice_amount	INTEGER

car		
PK	car_id	SERIAL
	vehicle_id_num	SERIAL
	make	VARCHAR(50)
	model	VARCHAR(50)
	year	INTEGER

A customer can have zero to multiple invoices

Each invoice is associated with only one customer

customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	address	VARCHAR(100)
	phone_num	VARCHAR(50)

A service ticket is associated with only one car

A car can have one or many service tickets

service_ticket		
PK	service_ticket_id	SERIAL
FK	car_id	INTEGER
	service_ticket_amount	VARCHAR(50)
	services_rendered	VARCHAR(100)
	service_time	TIMESTAMP
FK	customer_id	INTEGER

A customer can have zero to multiple service tickets

Each ticket is associated with only one customer

service_history		
PK	service_history_id	SERIAL
FK	mechanic_id	INTEGER
FK	service_ticket_id	INTEGER

A mechanic can have one or many service history entries

A service history entry will only have one mechanic id

mechanic		
PK	mechanic_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)