

Service Ticket/History		
PK	service_ticket_id	SERIAL
FK	mechanic_id	INTEGER
FK	car_id	INTEGER
FK	customer_id	Type

Customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	billing-info	INTEGER

Mechanic		
PK	mechanic_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	parts_cost	NUMERIC(8,2)
	labor_cost	NUMERIC(8,2)
	total_cost	NUMERIC(8,2)
FK	car_id	INTEGER

Car		
PK	car_id	SERIAL
	make	VARCHAR(50)
	model	VARCHAR(50)
	year	INTEGER
FK	customer_id	INTEGER
FK	salesperson_id	INTEGER

Salesperson		
PK	salesperson_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	sales_total	NUMERIC(10,2)

Invoice		
PK	invoice_id	SERIAL
	cost_total	NUMERIC(8,2)
FK	salesperson_id	INTEGER
FK	customer_id	INTEGER

A customer can have a service ticket for each car and instance they take car in but ticket can only correspond to one customer

A customer can buy one or many cars, but each car purchased can only have one customer.

A customer can have an invoice for each car they purchase, but each invoice can only correspond to one customer

A car can have one or no invoices on file, depending whether car was purchased here or not and each invoice can only go to one car

A car could have one or no salesman assigned depending on whether vehicle was serviced here but a salesperson could have sold one or many cars

A sales person could have written one or many invoices depending on amount of cars sold but each invoice corresponds to one and only one salesperson

A service ticket can go to one or many mechanics and mechanics can have many service tickets

A car can have zero or many service tickets depending on whether it has been serviced but each service ticket can correspond to one and only one car.

A car can have zero or many mechanics that have worked on it, if it has been serviced or not and a mechanic could have worked on one or many cars