CAR DEALERSHIP MOCK ERD

salesperson

PK	salesperson_id	SERIAL
	first_name	VARCHAR(150)
	last_name	VARCHAR(150)
	phone_number	NUMERIC(11)
	email	VARCHAR(320)

invoice

PK	invoice_id	SERIAL
	price	NUMERIC (8, 2)
FK	serial_number	VARCHAR(150)
FK	customer_id	INTEGER
FK	salesperson_id	INTEGER

customer

PK	customer_id	SERIAL
	first_name	VARCHAR(150)
	last_name	VARCHAR(150)
	phone_number	NUMERIC(11)
	email	VARCHAR(320)

mechanic

PK	mechanic_id	SERIAL
	first_name	VARCHAR(150)
	last_name	VARCHAR(150)
	phone_number	NUMERIC(11)
	email	VARCHAR(320)

vehicle

PK	serial_number	VARCHAR(150)
	Make	VARCHAR(150)
	Model	VARCHAR(150)
	Year	INTEGER

service_history

PK	event_id	SERIAL
	event_description	VARCHAR(350)
FK	ticket_id	INTEGER
FK	mechanic_id	INTEGER
FK	serial_number	VARCHAR(150)

service_ticket

PK	ticket_id	SERIAL
	cost	NUMERIC(7,2)
FK	serial_number	VARCHAR(150)
FK	customer_id	SERIAL

part

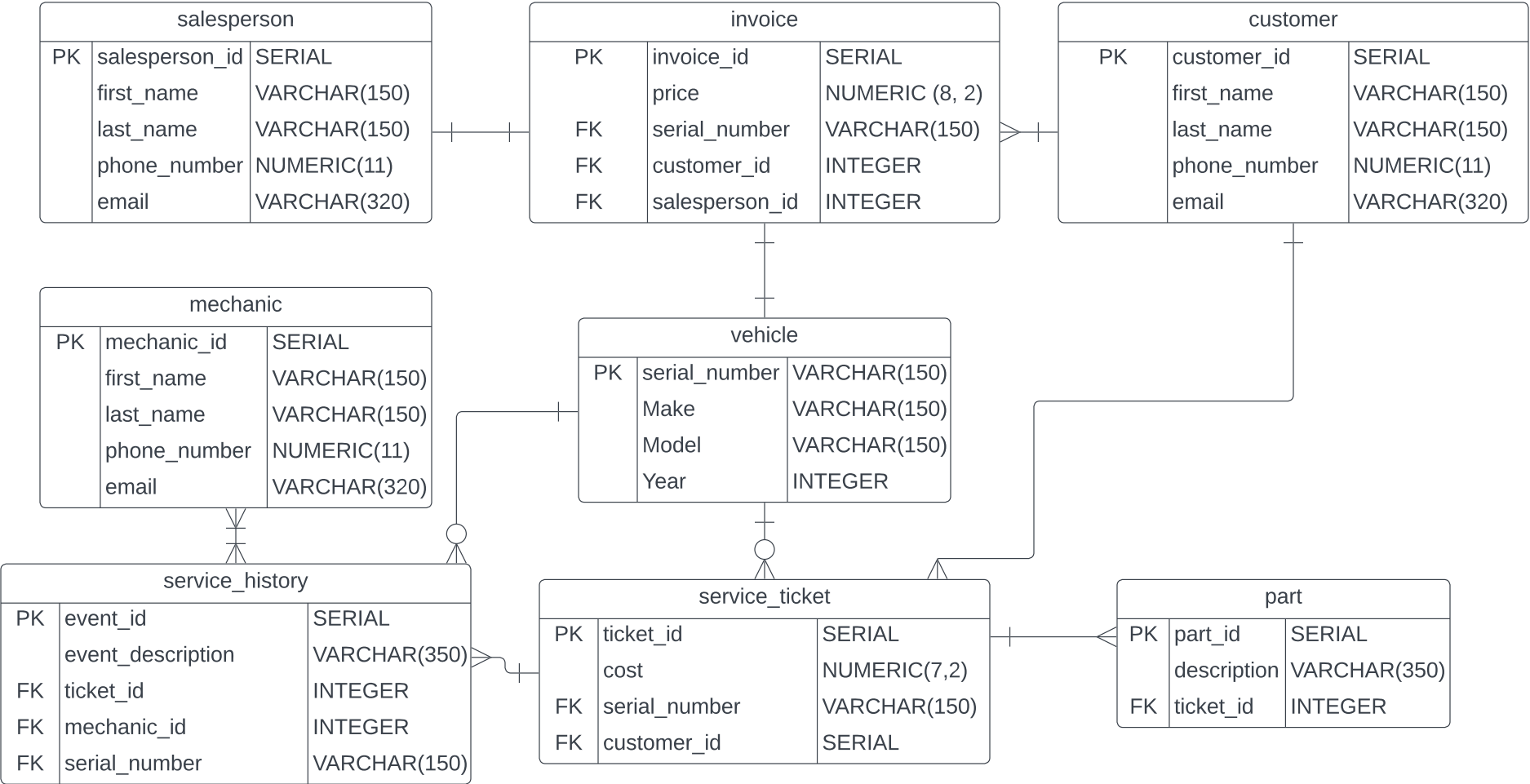| PK	part_id	SERIAL
	description	VARCHAR(350)
FK	ticket_id	INTEGER

Junction tables are often used for tracking many to many relationships. The above^ would be used to track each mechanic's work on a service ticket.