

VIN is FK on Invoice database, car does not need invoice to exist but car needs salesperson and car to exist.

Indirect relationship between invoice and customer (at least in database). Invoice connected to CAR which is connected to person.

Customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(30)
	last_name	VARCHAR(30)
	card	VARCHAR(20)

Invoice		
PK	invoice_id	SERIAL
FK	sales_id	INTEGER
	price	NUMERIC(10,2)
FK	car_id	INTEGER
	sale_date	DATE

Salesperson		
PK	sales_id	SERIAL
	first_name	VARCHAR(30)
	last_name	VARCHAR(30)

Cars		
PK	car_id	SERIAL
	car_year	NUMERIC(4)
	car_make	VARCHAR(30)
	car_model	VARCHAR(30)
FK	customer_id	INTEGER

mechanic_service		
PK	mechanic_service_id	SERIAL
FK	mechanic_id	INTEGER
FK	car_id	INTEGER
	service_date	DATE
	parts_needed	BOOLEAN

Mechanics		
PK	mechanic_id	SERIAL
	first_name	VARCHAR(30)
	last_name	VARCHAR(30)

Dealership_Info		
PK	dealership_id	INTEGER
	car_sold	BOOLEAN
	new_car	BOOLEAN
FK	car_id	INTEGER

Customer_id null if not sold?

Car does not require dealership to exist but dealership requires car to exist.