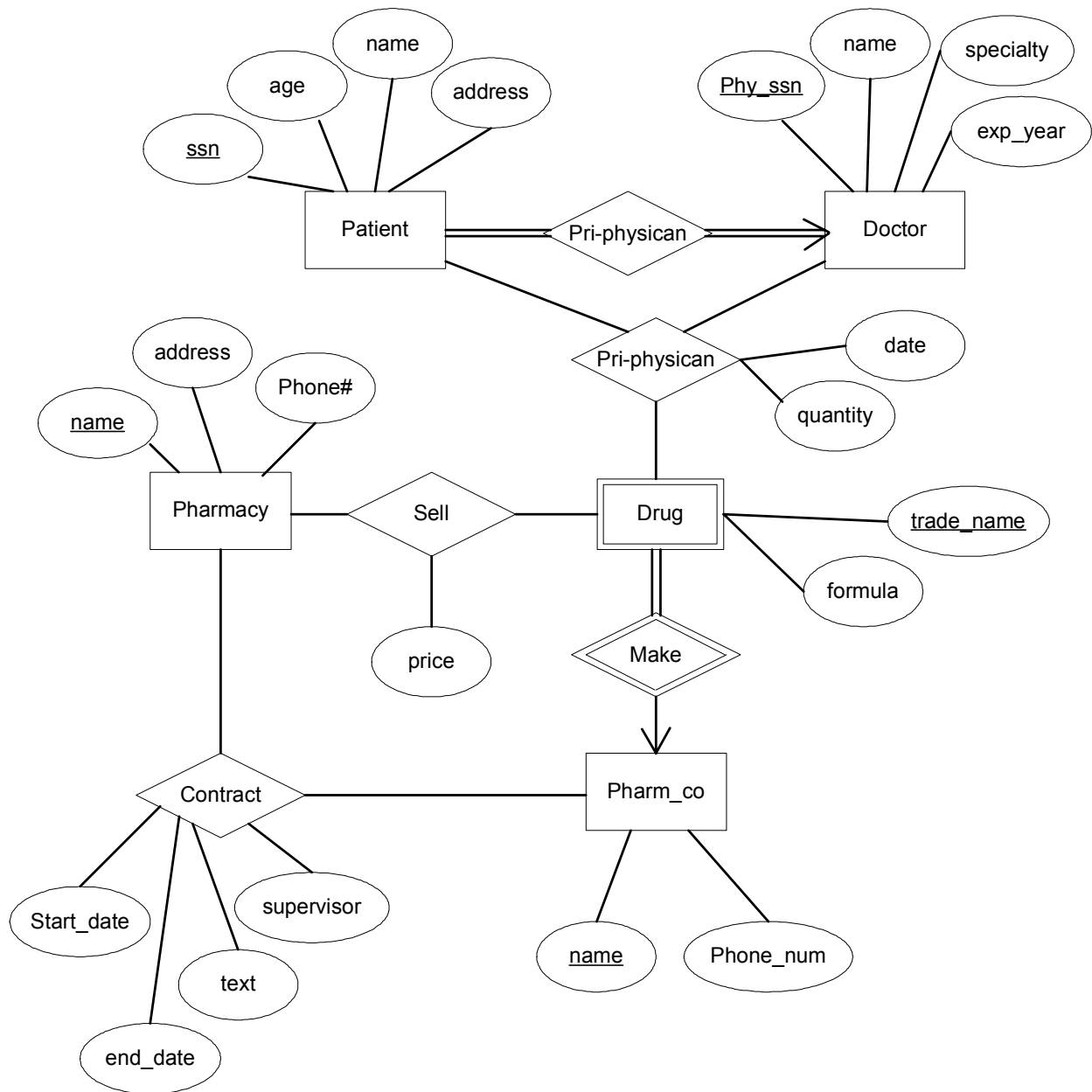Question 1. ER Diagram

ER Diagram for Question 1
Assignment 1

Question 2. Tables on the ER diagram

Patient

ssn	age	name	address

Doctor

phy_ssn	name	speciality	exp_years

Drug

trade_name	Pharm_co.name	formula

Pharm_co

name	phone_num

Pharmacy

name	address	phone#

Pri_physician

ssn	phy_ssn

Note: This table can be combined into the Patient table. (why?)

Prescription

ssn	phy_ssn	Pharm_co.name	trade_name	date	quantity

Make

Pharm_co.name	trade_name

Note: this table is no need.

Sell

Pharmacy.name	Pharm_co.name	trade_name

Contract

Pharmacy.name	Pharm_co.name	start_date	end_date	text	supervisor

3. Delete the "price" attribute from the Sell relationship; and make "price" an attribute of Drug.

4. Add a "prescription_number" attribute to the Prescription table, and make it as a key of the Prescription table.