COIS 3400H Lab 5 ER to RM

Convert the following ER model (discussed in class) to database schemas. Identity Primary Keys and Foreign Keys. Some of the tables are already completed, you need to complete the rest of them. They can be found at the bottom of the document under the section labeled: ‘**Tables for students to fill’**

A picture containing sketch, drawing, diagram, line art

Description automatically generated

1. Pri\_Phy\_Patient(ssn, name, age, address, phy\_ssn)

PK: (ssn)

FK (phy\_ssn) references Doctor

1. Contract (pharmacy\_name, pharm\_co\_name, start\_date, end\_data, text, supervisor)

PK (pharmacy\_name, pharm\_co\_name)

FK (pharmacy\_name) references Pharmacy

FK (pharm\_co\_name) References Pharm\_co

1. Doctor(phy\_ssn, speciality, name, exp\_years)

PK (Phy\_ssn)

1. Pharm\_co(name, phone\_num)

PK (name)

1. Pharmacy (name, address, phone\_num)

PK (name)

**Tables for students to fill:**

1. Prescription(patient\_ssn, phy\_ssn, trade\_name, date, quantity)

PK (patient\_ssn, Phy\_ssn, trade\_name, date)

FK (patient\_ssn) references Pri\_Phy\_Patient(ssn)

FK (phy\_ssn) references Doctor(phy\_ssn)

FK (trade\_name) references Drug(trade\_name)

(pharm\_co\_name) references Pharm\_co(name)

1. Make\_Drug (pharm\_co\_name, trade\_name)

PK (pharm\_co\_name, trade\_name)

FK (pharm\_co\_name) references Pharm\_co(name)

FK (trade\_name) references Drug(trade\_name)

1. Sell (pharmacy\_name, trade\_name, price)

PK (pharmacy\_name, trade\_name, pharm\_co\_name)

FK (pharmacy\_name) references Pharmacy(name)

FK (trade\_name) references Drug(trade\_name, )

(pharm\_co\_name) references Make\_Drug(name)