

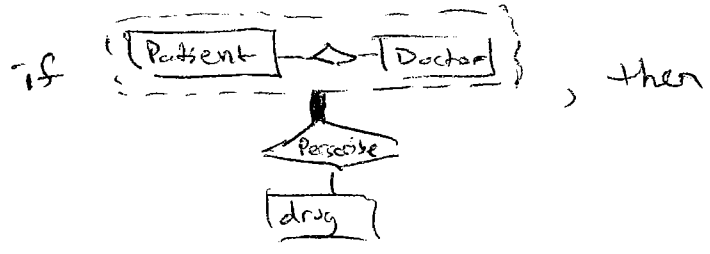
1. CREATE TABLE Pharmacy ( pid integer,  
 name Char (30),  
 addr Char (50),  
 Phone Char (14),  
 PRIMARY KEY (pid))

2.a. CREATE TABLE Contract ( pid integer,  
 pname Char (30),  
 Super Char (20),  
 start Date,  
 End Date,  
 Text Char (5000),  
 PRIMARY KEY (pid, pname),  
 FOREIGN KEY (pid) REFERENCES Pharmacy,  
 FOREIGN KEY (pname) REFERENCES Pharm Company  
 (name))

2.6 CREATE TABLE Patient (ssn integer,  
 age integer,  
 name char(20),  
 addr char(30),  
 dssn integer NOT NULL,  
 PRIMARY KEY (SSN),  
 FOREIGN KEY (dssn) REFERENCES  
 doctor (SSN) ON DELETE  
 NO ACTION)

3. CREATE TABLE Drug (name char(20),  
 formula char(20),  
 PCNAME char(30),  
 PRIMARY KEY (PCNAME, name),  
 FOREIGN KEY (PCNAME) REFERENCES  
 Pharm\_Company (name) ON DELETE  
 CASCADE  
 ON UPDATE  
 CASCADE)

5. CREATE TABLE Prescribe (PSSN integer,  
 dssn integer,  
 dname char(20),  
 PCNAME char(30),  
~~PSSN~~  
 date date,  
 quant integer,  
 PRIMARY KEY (PSSN, DSSN, DNAME, PCNAME),  
 FOREIGN KEY (PSSN) REFERENCES Patient (SSN),  
 FOREIGN KEY (DSSN) REFERENCES Doctor (SSN),  
 FOREIGN KEY (PCNAME) REFERENCES ~~Pharm\_Company~~ drug  
 (PCNAME, name))



CREATE TABLE Care\_Prescribe (PSSN integer,  
 dssn integer,  
 dname char(20),  
 PCNAME char(30),  
 date date,  
 quantity integer,  
 ⋮  
 As above ))

Key idea is  
 that we  
 have a  
 single table  
 for both  
 Care and  
 Prescribe.