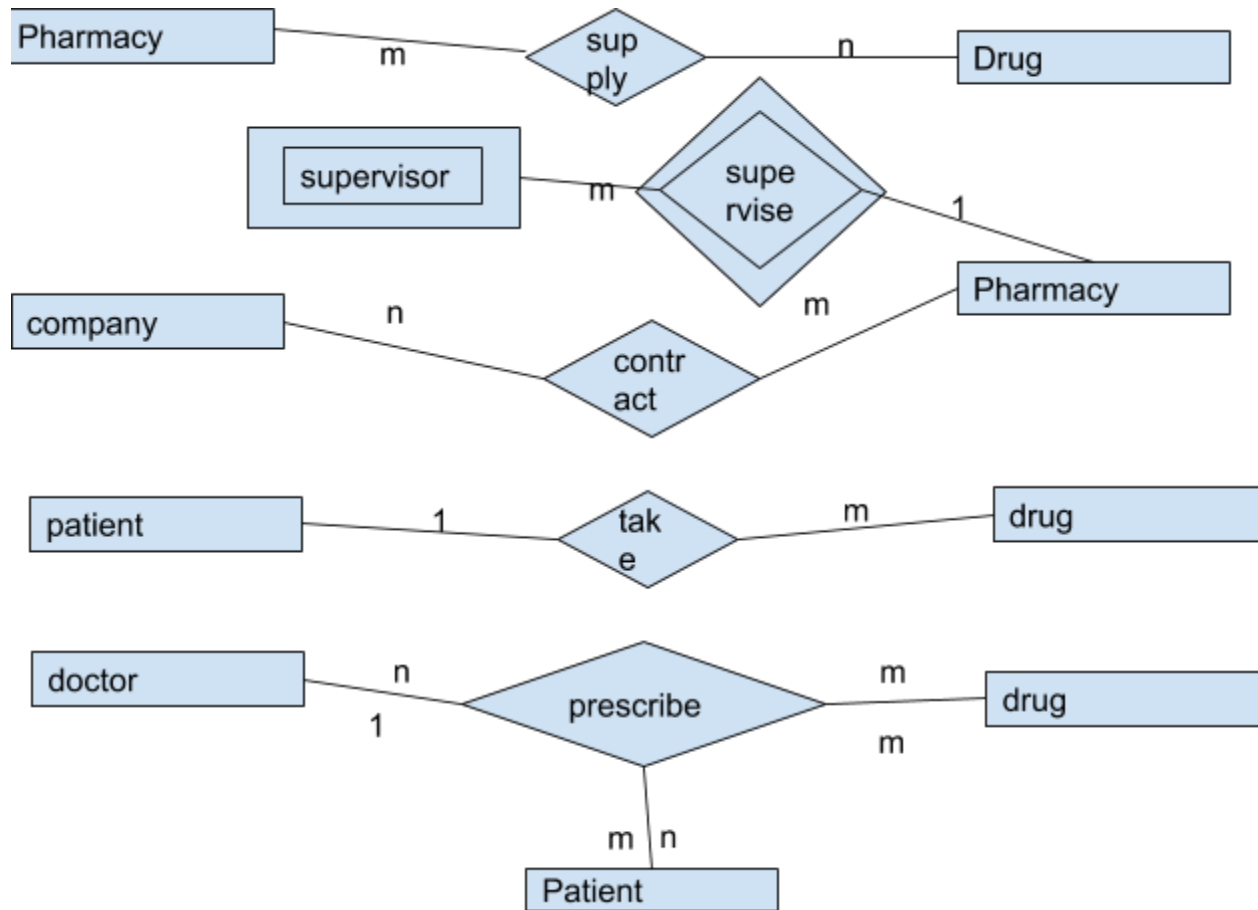
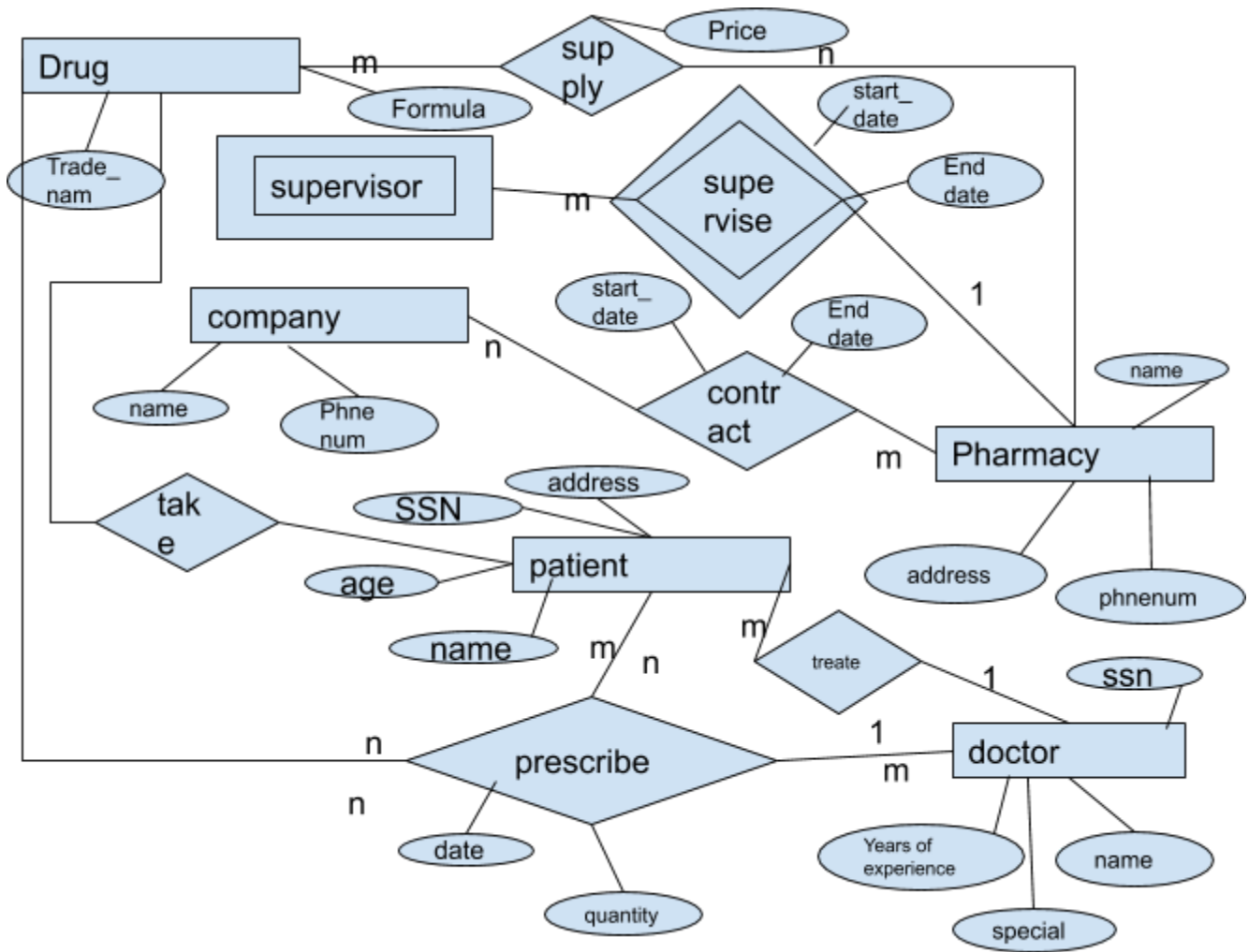


1) Patient(SSN, name, address, age)
 Doctor(SSN, name, speciality, experience)
 company(name, TP_No)
 Pharmacy(name, address, TP_No)
 Drug(trade_name, formula)

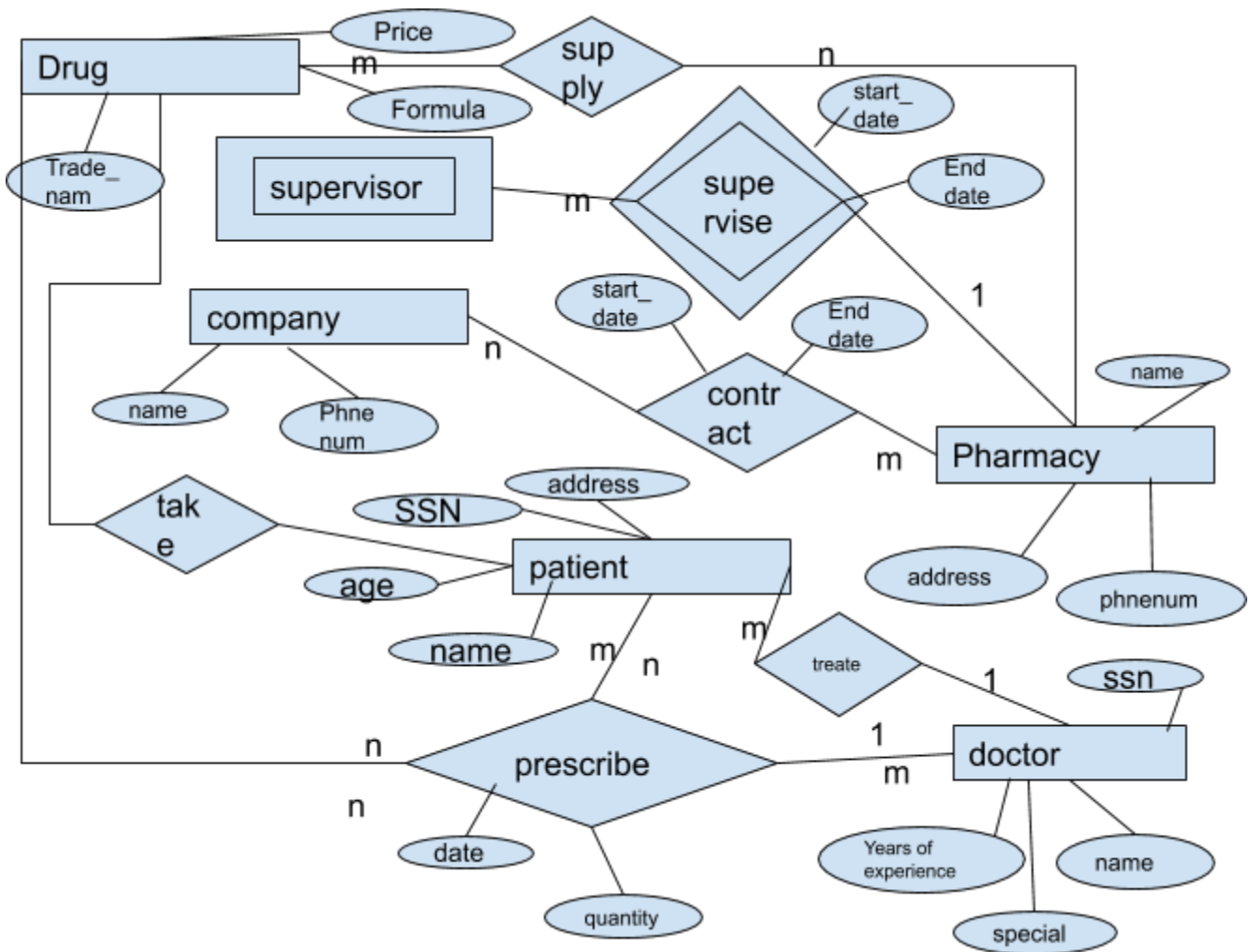
2)



3)



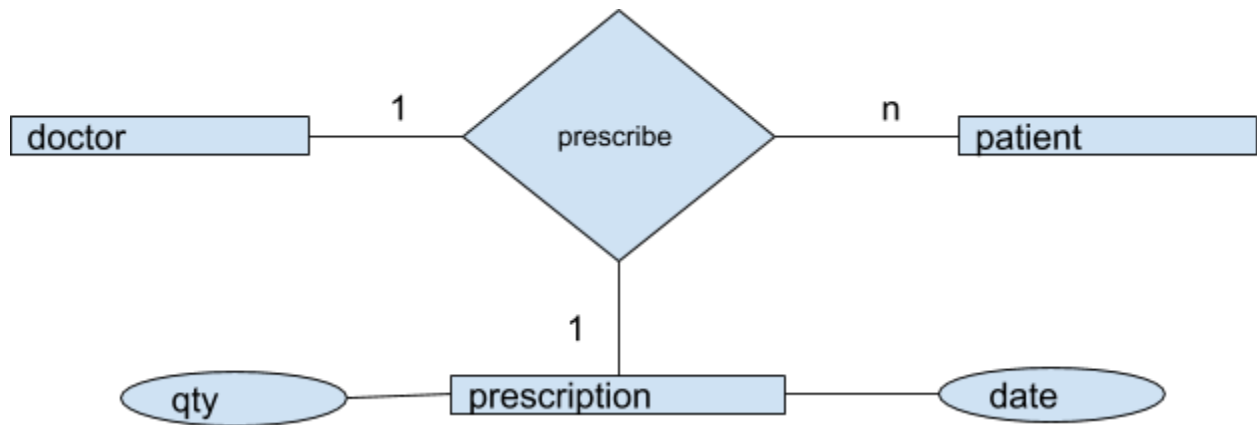
4)



```

Var patient = new schema({
SSN:{type:sring,unique:true,required:true,trim:true,}})
  
```

5)



```
6)var doctorsSchema= new Schema({
  ssndocor:{type:String,index:true,unique:true,trim:true,required:true},
  name:{type:String,default:"maya"},
  speciality:{type:String},
  year_exp:{type:Number,default:10}

var patientsSchema= new Schema({
  ssndocor:{type:Schema.Types.ObjectId,ref:'doctors',required:true},
  address:{type:String,default:"Residence"},
  age:{type:Number},
  name:{type:String},
  ssnpatient:{type:Number,index:true,unique:true,trim:true,required:true},

var pharmcoSchema= new Schema({
  name:{type:String,index:true,unique:true},
  phone:{type:Number},

var pharmaciesSchema= new Schema({
  pharmname:{type:String,index:true,unqiuue:true},
  phone:{type:Number},
  address:{type:String}
```

```
var drugsSchema= new Schema({
  pharmconame:{type:Schema.Types.ObjectId,ref:'pharmco',required:true},
  pharmname:{type:Schema.Types.ObjectId,ref:'pharmacies',required:true},
  formula:{type:String},
  tradename:{type:String,index:true,unique:true,trim:true,required:true},
},
```

```
var sellsSchema= new Schema({
  pharmconame:{type:Schema.Types.ObjectId,ref:'pharmco',required:true},
  pharmname:{type:Schema.Types.ObjectId,ref:'pharmacies',required:true},
  tradename:{type:String,index:true,unique:true,trim:true,required:true},
  price:{type:Number}
}
```

```
var prescribesSchema= new Schema({
  pharmconame:{type:Schema.Types.ObjectId,ref:'pharmco',required:true},
  ssndocotor:{type:Schema.Types.ObjectId,ref:'doctors',required:true},
  ssnpatient:{type:Schema.Types.ObjectId,ref:'patients',required:true},
  formula:{type:String},
  tradename:{type:String,index:true,unique:true,trim:true,required:true},
  date:{type:Date},
  qty:{type:Number}
}
```

```
var contractsSchema= new Schema({
  pharmconame:{type:Schema.Types.ObjectId,ref:'pharmco',required:true},
  pharmname:{type:String,index:true,unique:true,trim:true,required:true},
  startdate:{type:Date},
  enddate:{type:Date},
  text:{type:String},
  supervisor:String,
}
```

