Patient

SSN P.K	string
name	string
address	string
age	int

buy drugs
visit doctor

Doctor

SSN (P.K	string
name	string
Y.O.E	int
specialisation	string

prescribe drugs
recommend pharmacy

Pharmacy

name (PK)	string
address	string
phone_no	int

sell drugs
make contract

Company

phone_no(PK)	int
name	string

manufacture drugs
give contract

Drug

trade_name (PK)	string
formula	string
company	string

contracts

supervisor	string
start_date	int
end_date	int
text	string