

Requirements

- Patients are identified by SSN, and their names, addresses, ages, gender and give an emergency contact.
 - Doctors are identified by an SSN, for each doctor, the name, email address, specialty and years of experience must be recorded.
 - Each pharmaceutical company is identified by name and has a phone number.
 - For each drug, the trade name and formula must be recorded. Each drug is sold by a given pharmaceutical company, and the trade name identifies a drug uniquely from among the products of that company. If a pharmaceutical company is deleted, you need not keep track of its products any longer.
 - Appointments should have the doctor and patient details along with a date.
 - Each drug should also have an expiration date and allergy alert.
 - Each pharmacy has a name, address, and phone number.
 - Every patient has a primary physician. Every doctor has at least one patient. vii. Each pharmacy sells several drugs and has a price for each. A drug could be sold at several pharmacies, and the price could vary from one pharmacy to another.
 - Doctors prescribe drugs for patients. A doctor could prescribe one or more drugs for several patients, and a patient could obtain prescriptions from several doctors. Each prescription has a date and a quantity associated with it. You can assume that if a doctor prescribes the same drug for the same patient more than once, only the last such prescription needs to be stored.
 - For each prescription, the dosage and a status to check if it has already been administered will be recorded.
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- Pharmaceutical companies have long-term contracts with pharmacies. A pharmaceutical company can contract with several pharmaceutical companies. For each contract, you have to store a start date, and end date, and the text of the contract.
 - Pharmacies appoint a supervisor for each contract. There must always a supervisor for each contract.

