**REQUIREMENTS**

1. Users must log in to the portal by selecting whether they are a patient or a doctor and after that providing their login details. Whereby the user lacks an account they will be required to sign up by providing the relevant details i.e.

*i. Patients are identified by IDs, and their names, email addresses, ages, and weight.*

*ii. Doctors are identified by an ID, for each doctor, the name, email address, specialty, and years of experience must be recorded.*

1. Each pharmaceutical company is identified by name and has a phone number and address.
2. The trade name, drug form i.e., tablet, capsule, or syrup, drug type i.e., antibiotic or paracetamol, and formula must be reordered for each drug. 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.
3. Each pharmacy has a name, address, and phone number.
4. Every patient has a primary physician. Every doctor has at least one patient.
5. 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.
6. 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.
7. Each prescription has a date, dosage, and quantity associated with it. If a doctor prescribes the same drug for the same patient more than once, only the last such prescription needs to be stored.
8. Pharmaceutical companies have long-term contracts with pharmacies. A pharmaceutical company can contract with several pharmaceutical companies. For each contract, you must store a start date, an end date, and the text of the contract.
9. Pharmacies appoint a supervisor for each contract. There must always be a supervisor for each contract.