

CLASS DIAGRAMS

Patient
int patient_id
string first_name
string last_name
string dob
int phone_no
string address
describe symptom()
get drug()
pay for drug()
take drug()

Doctor
int doctor_id
string doctor_name
int phone_no
string department
give prescription()
calculate charge()
give out drug()
view prescription()

Drug
int drug_id
string drug_name
string drug_type
treat symptom()

Pharmaceutical Company
int company_id
string company_name
int pharmacy_id
handle pharmacist()
distribute drug()

Pharmacist
int pharmacy_id
int doctor_id
give out doctor()

Supervisor
int supervisor_id
int company_id
string company_name
int contact_id
handle contract()