ASSIGNMENT LAB 3

Actors:

- Patient
- Doctor
- Pharmacist
- Supervisor

Use Cases:

1. Patient:

1. Request prescription from a doctor
2. Receive prescription " " "
3. Visit a pharmacy to fill a prescription
4. Make a payment for prescription
5. Refill a prescription.

2. Doctor:

1. Examine a patient
2. Diagnose condition and prescribe drug
3. Add a new drug to the patient's prescription
4. Modify a patient's prescription
5. Cancel a patient's prescription.

3. Pharmacist:

1. Receive prescription from a patient
2. Verify a patient's prescription with the doctor
3. Dispense a drug to a patient
4. Provide instructions on taking the drug

4. Supervisor:

1. Approve/reject contracts with pharmacies
2. Assign supervisors to contracts
3. Manage the performance of supervisors

USE-CASE DIAGRAM

Patient

- Request prescription
- Receive Prescription
- Visit pharmacy to fill the prescription
- Make payment for prescription
- Refill prescription

Pharmacist

- Dispense drug to a patient the drug
- Provide instructions on taking the drug

doctor

- Examine Patient
- Prescribe drug to patient
- Add new drug to patient's prescription
- Modify patient's prescription
- Cancel patient's prescription

Supervisor

- Approve/Reject contracts with pharmacies
- Assign supervisors to contracts
- Manage performance of supervisors