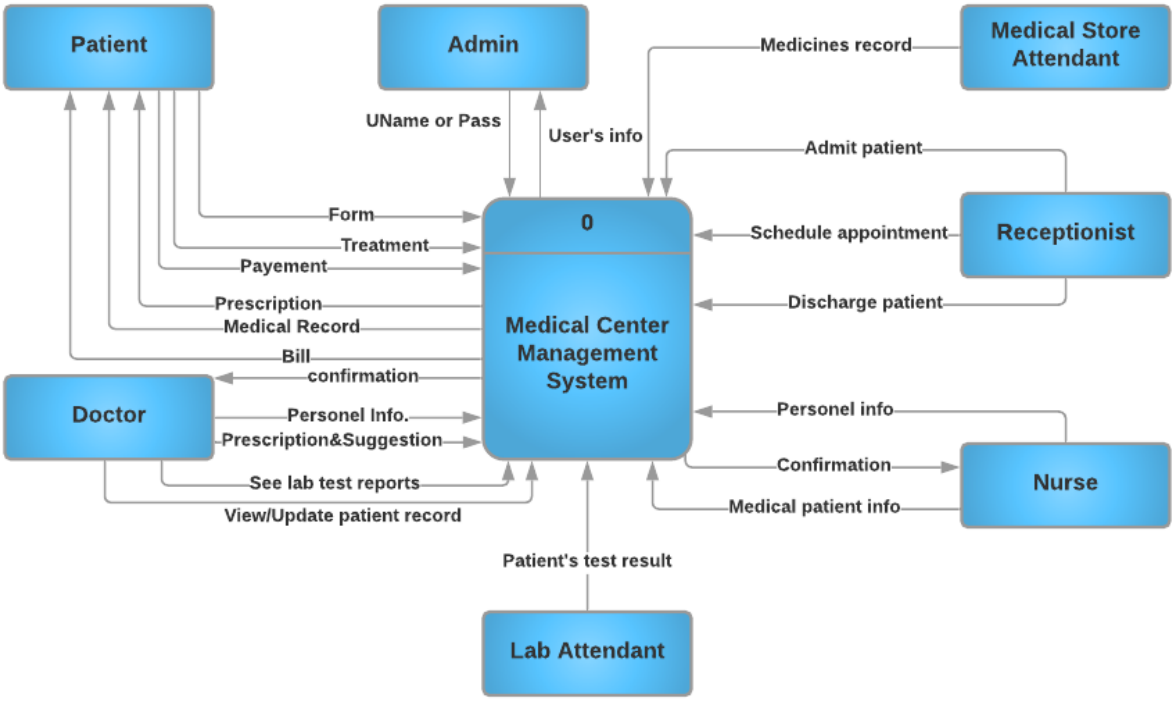
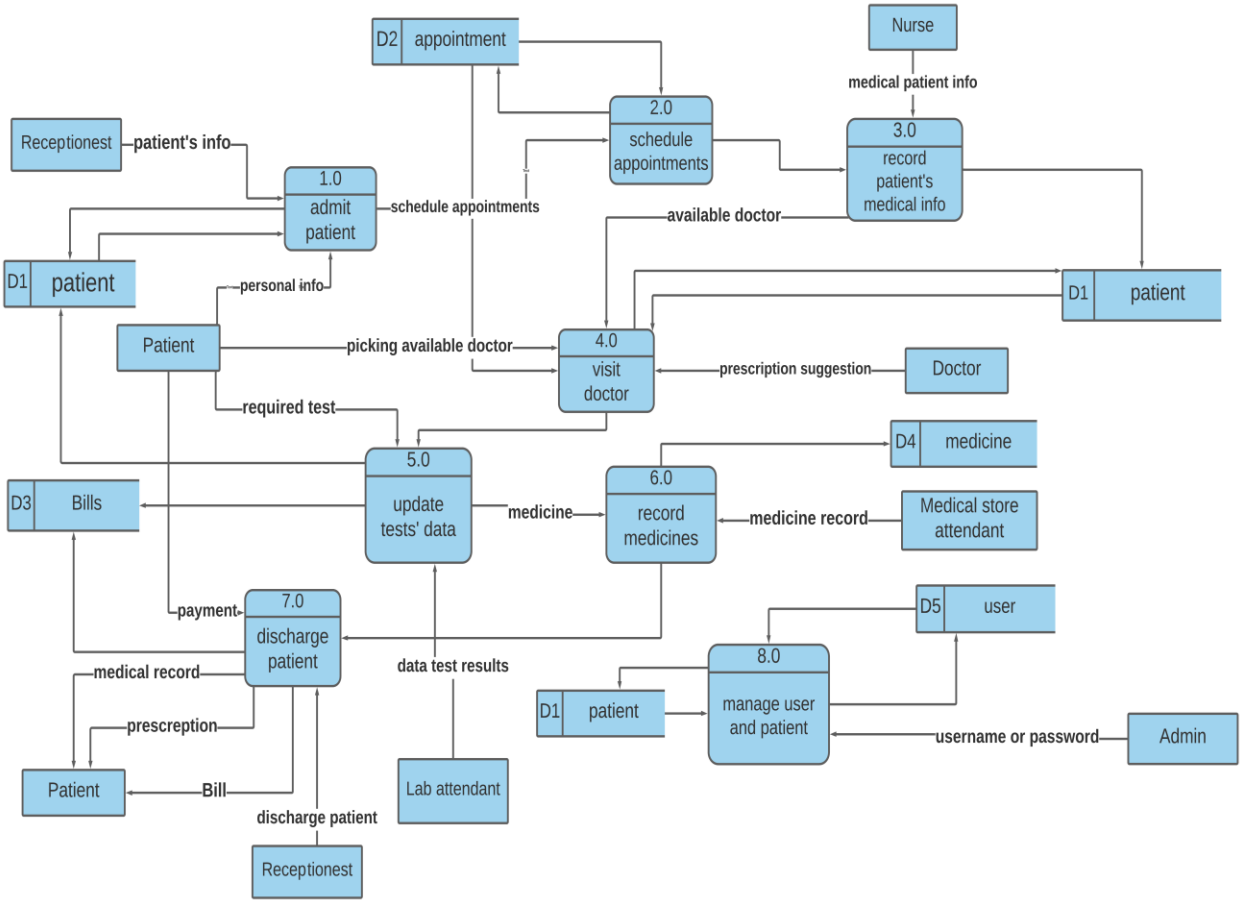
Context Diagram

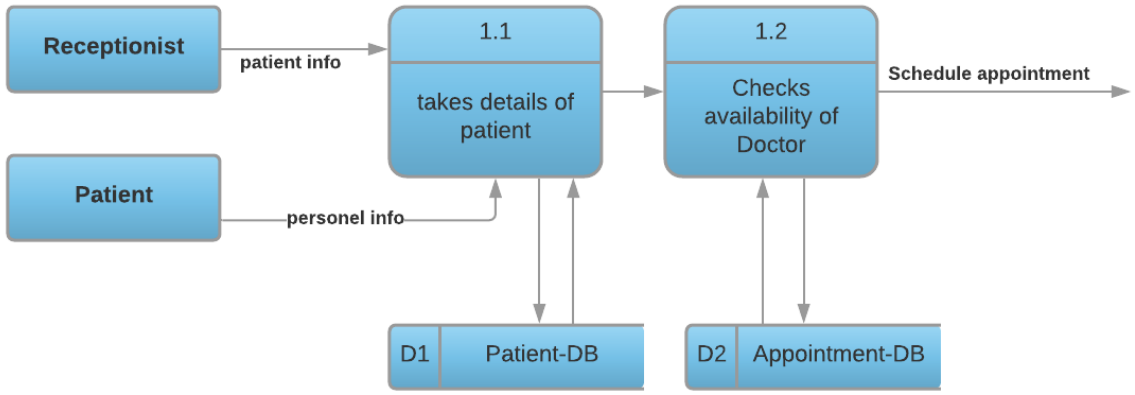


Level-0

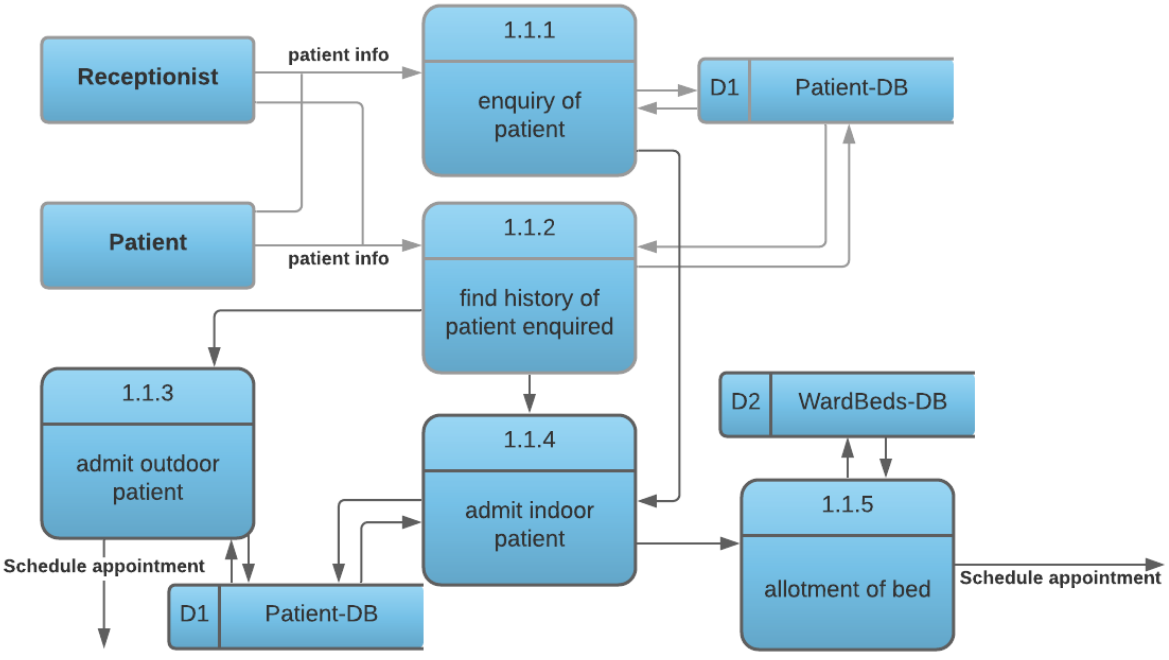

D2 appointment
Nurse
medical patient info
2.0
schedule appointments
3.0
record patient's medical info
Receptionest
patient's info
1.0
admit patient
schedule appointments
available doctor
D1 patient
personal info
D1 patient
Patient
picking available doctor
4.0
visit doctor
prescription suggestion
Doctor
required test
D4 medicine
5.0
update tests' data
6.0
record medicines
D3 Bills
medicine
medicine record
Medical store attendant
payment
7.0
discharge patient
D5 user
8.0
manage user and patient
medical record
data test results
D1 patient
prescreption
username or password
Admin
Patient
Bill
Lab attendant
discharge patient
Receptionest

Level-1 & level-2

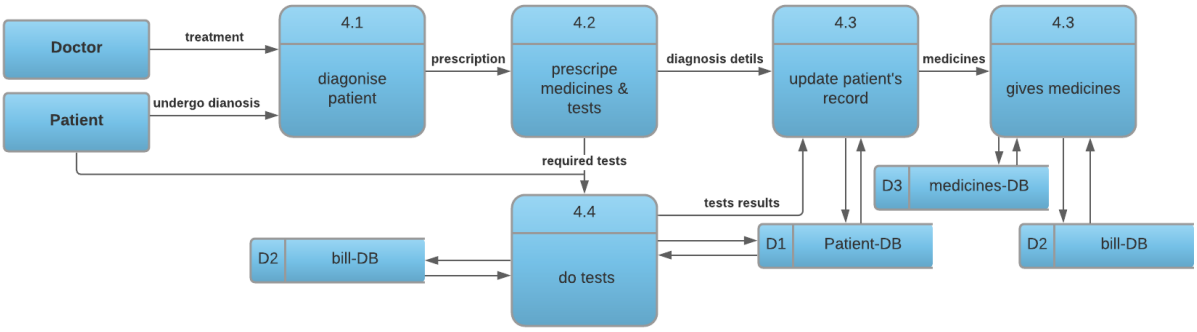
Level-1 DFD for Process 1.0



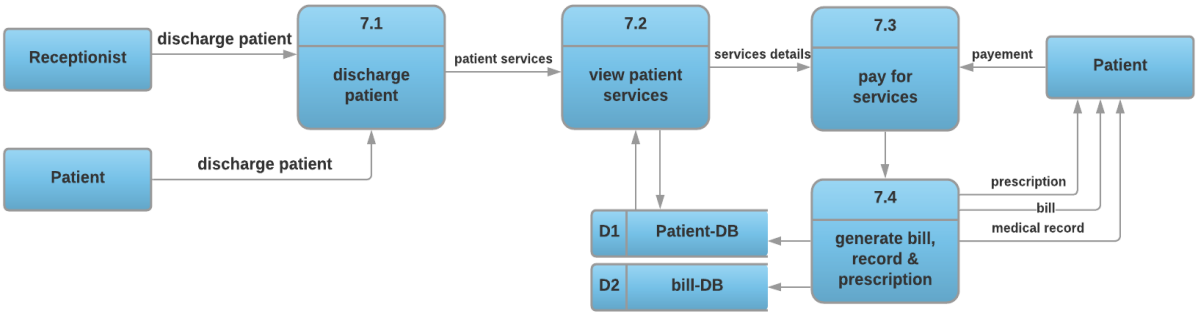
Level-2 DFD for Process 1.1



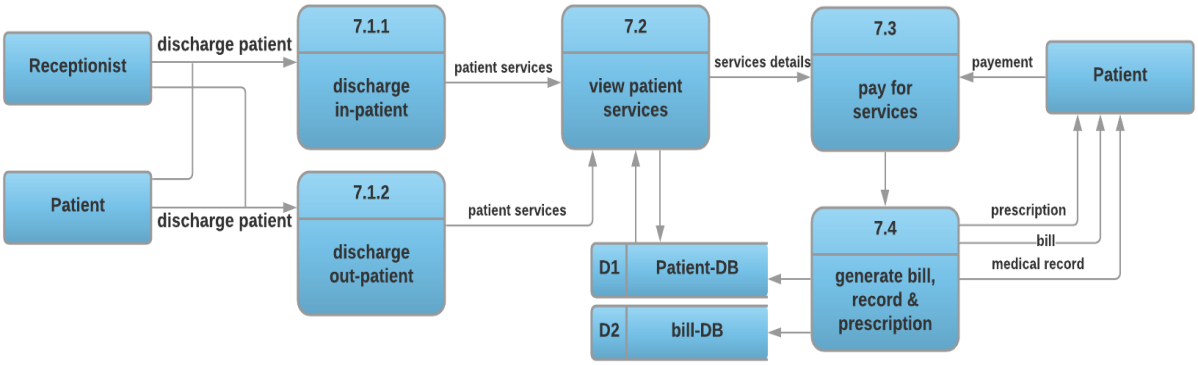
Level-1 DFD for Process 4.0



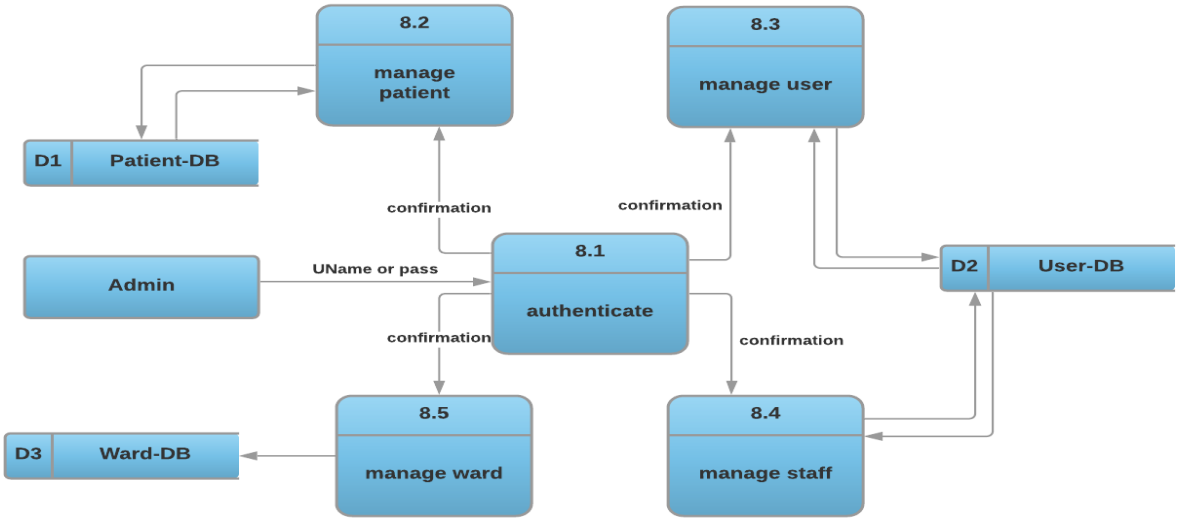
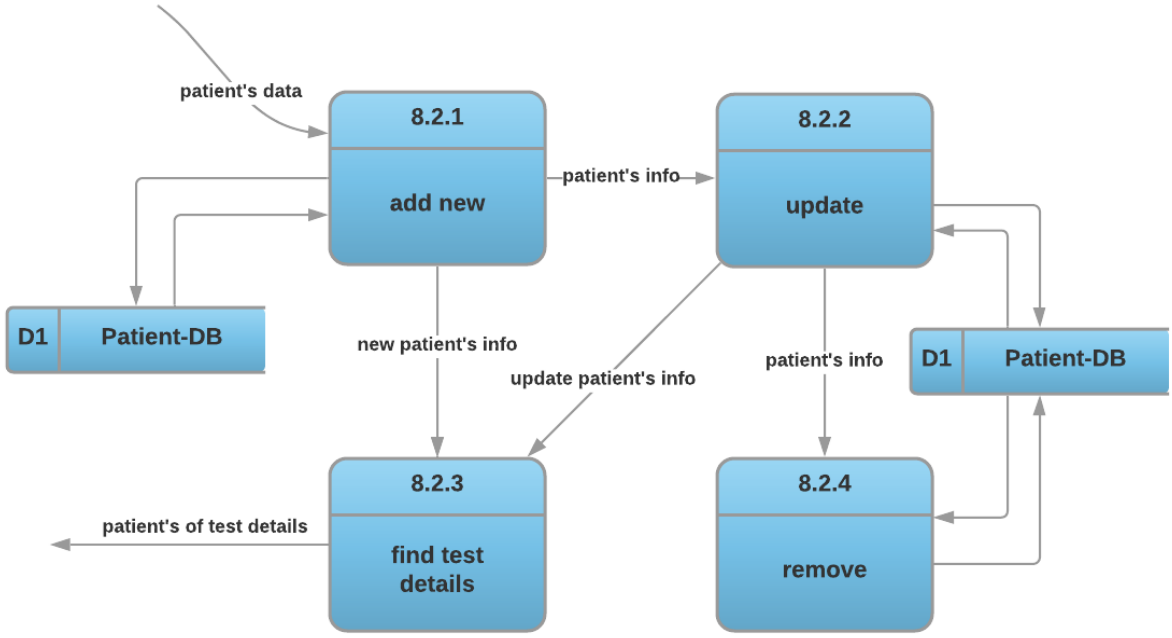
Level-1 DFD for Process 7.0



Level-2 DFD for Process 7.1



Level-1 DFD for Process 8.0



Level-2 DFD for Process 8.2