

PatientRecord	
Name Birthdate Health card number Previous visits Last seen by doctor Determine urgency Report Improvement or worsening Update status Prescriptions	VisitRecord HospitalPolicy

VisitRecord	
Arrival Time Vital signs (temperature, blood pressure, heart rate) Symptoms	

Abstract PatientQueue	
PatientUrgencyQueue, PatientArrivalQueue	
Queue of patients not seen by doctor Register patient (i.e. add to queue) Remove patient from queue Compare patients Update/re-categorize	PatientRecord

PatientQueue PatientArrivalQueue	
Compare	PatientRecord

PatientQueue PatientUrgencyQueue	
Compare Urgent, less urgent and non-urgent subqueues	PatientRecord

MainActivity	
Launch saved data Save modifications (this is done automatically) Queue of patients sorted by arrival time Queue of patients sorted by urgency Search for patient	PatientUrgencyQueue PatientArrivalQueue DisplayPatientActivity

HospitalPolicy	
Policy Determine urgency	

Abstract User	
Nurse, Physician	
Authenticate	

Nurse	
User	
Record patient information	

Physician	
User	
Record prescription information	

VisitManager	
Collection of visits	

LoginActivity	
Log in	User Nurse Physician MainActivity

DisplayPatientActivity	
Add a visit	PatientRecord DisplayVisitActivity

DisplayVisitActivity	
Update vitals/symptoms	VisitRecord