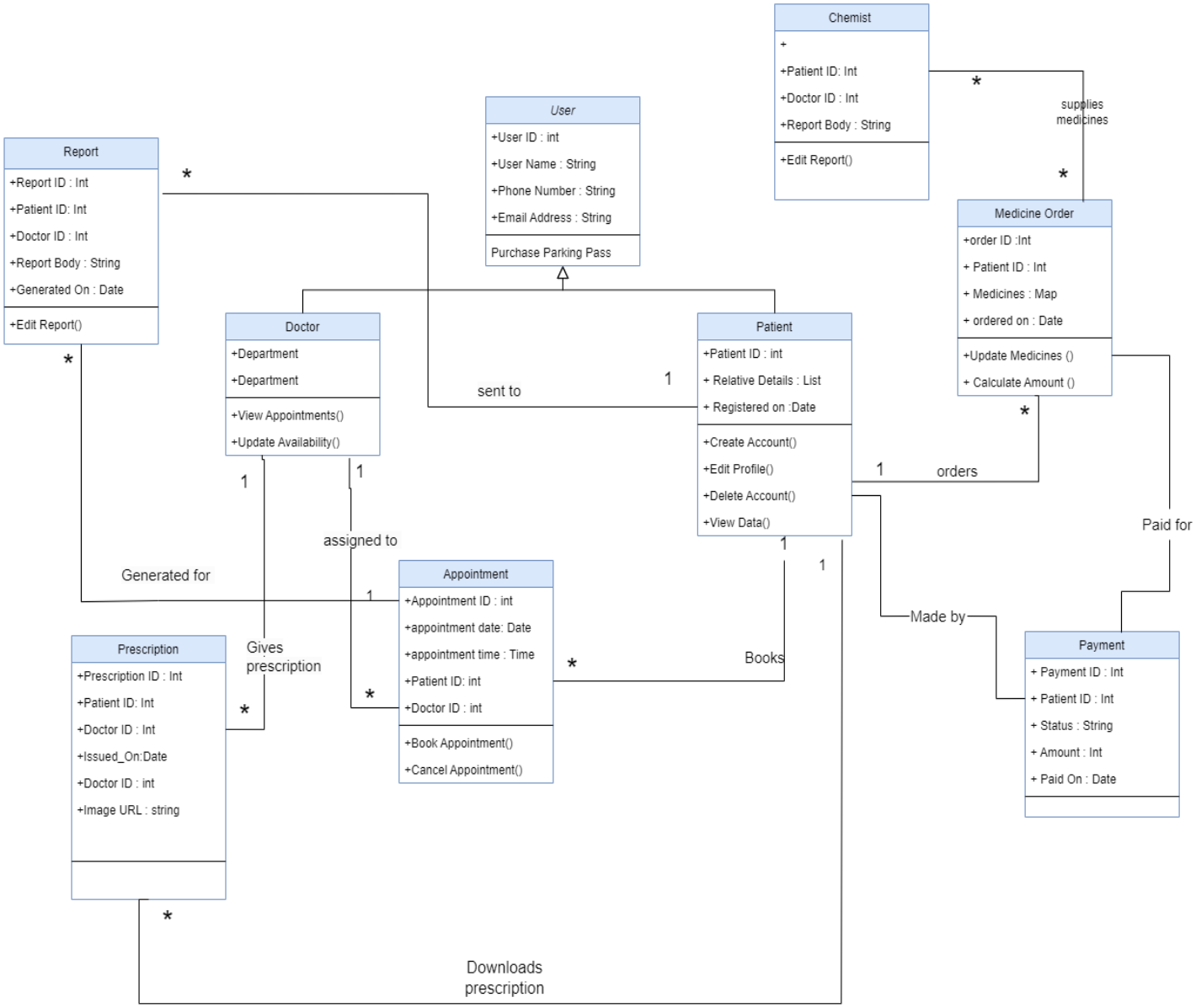
IT314
SOFTWARE ENGINEERING

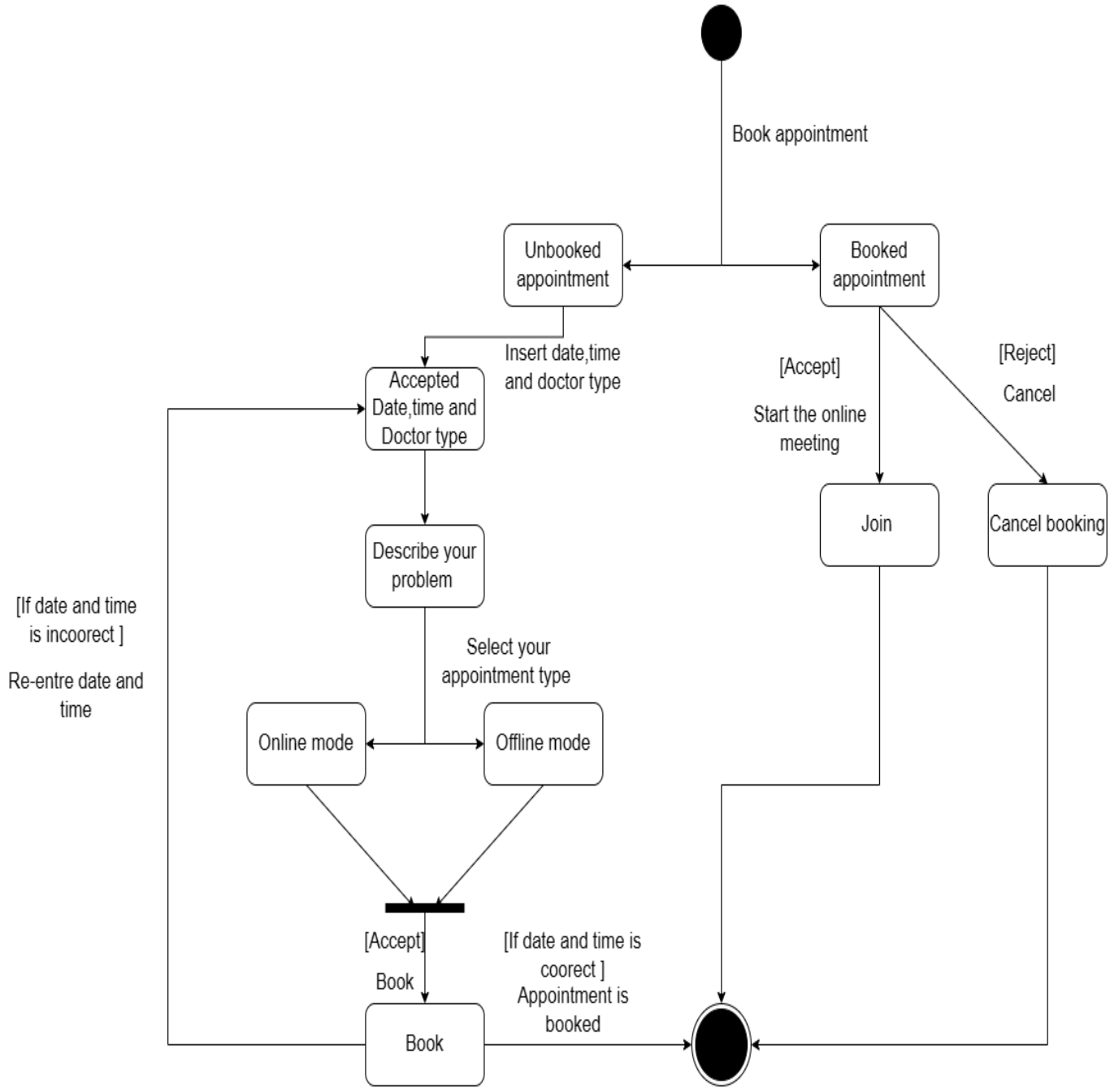
Project: Health Center Management
Group: 12

Design Document

Class Diagram



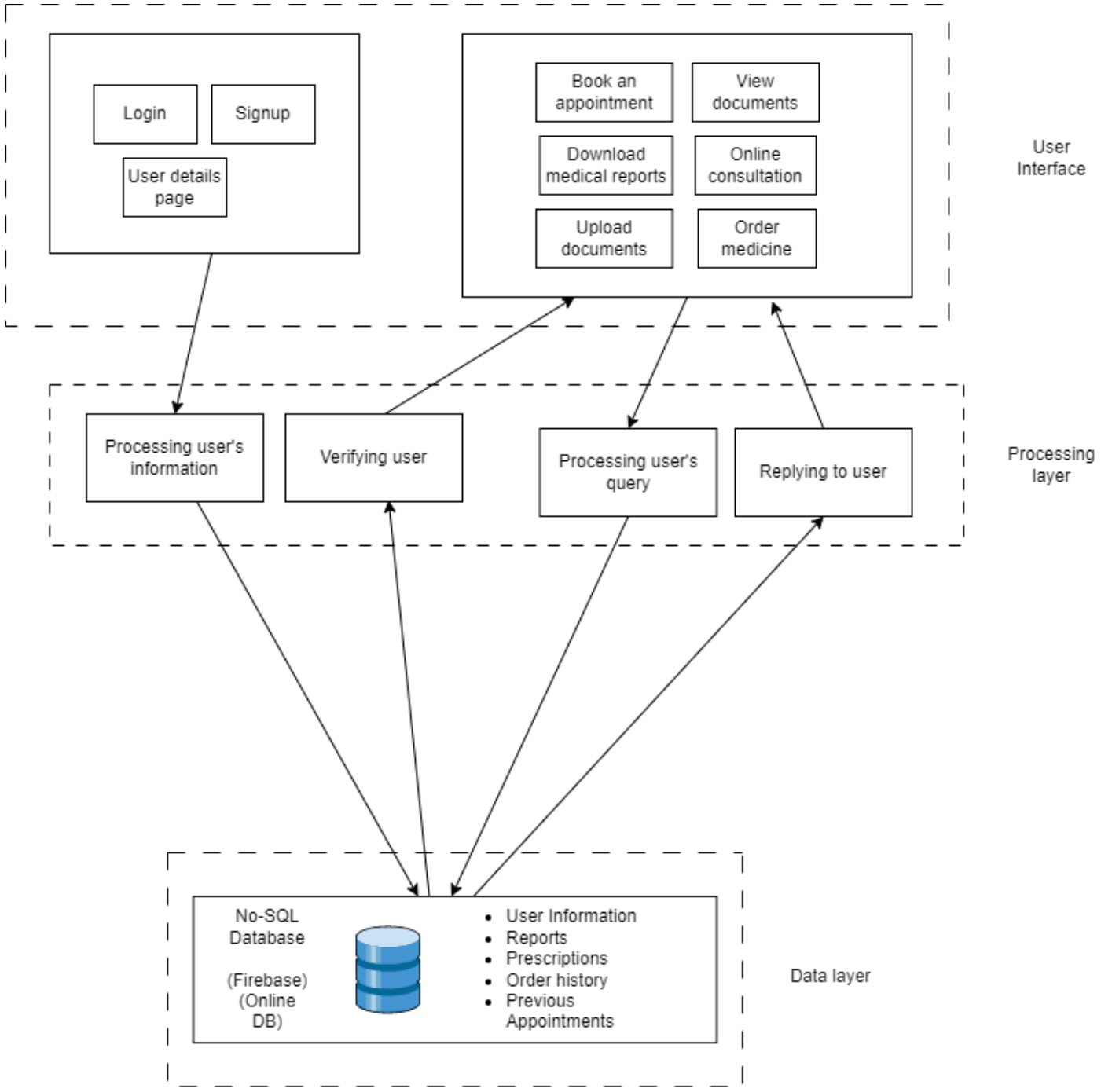
State Diagram



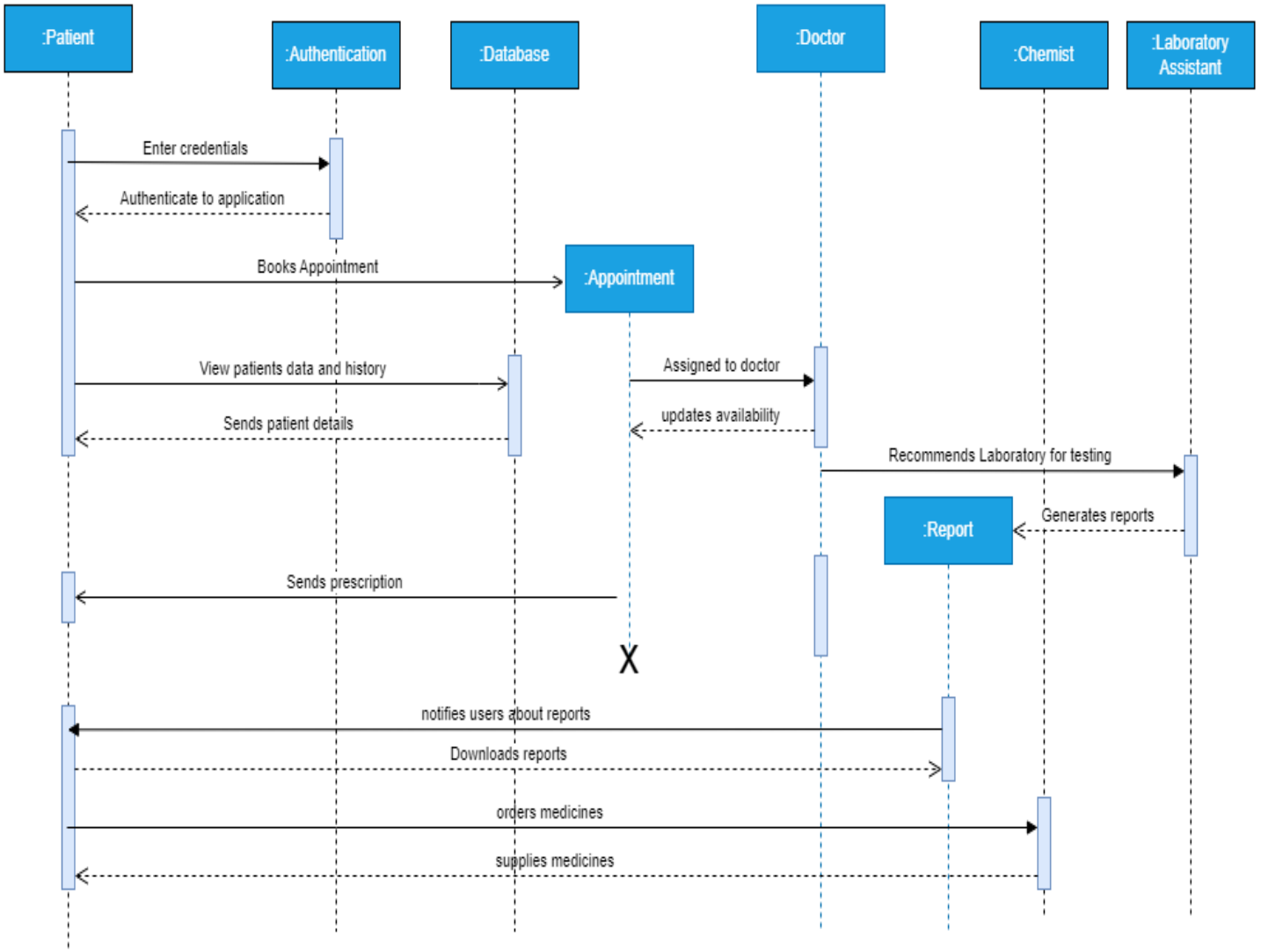
Use Case Diagram

Health Center Management
Recommend laboratory test
<< extend >>
Treat Patient
<< include >>
Add Prescription or reports
Laboratory Assistant
View Schedule
<< extend >>
Report Unavailability
Send results/reports
Doctor
View Patient Profile
Health Center Management
Manager
user
Update Medical History
Updates patient reports
Download Reports
create/Update Schedule
Send notifications or reminders
Patient
Pay Fee online
<< extend >>
Book/update Appointment
<< extend >>
Add Symptoms
Update Medicines Availability
Chemist
<< extend >>
choose online consultation
<< extend >>
Order Medicines
<< include >>
Check Medicines Availability

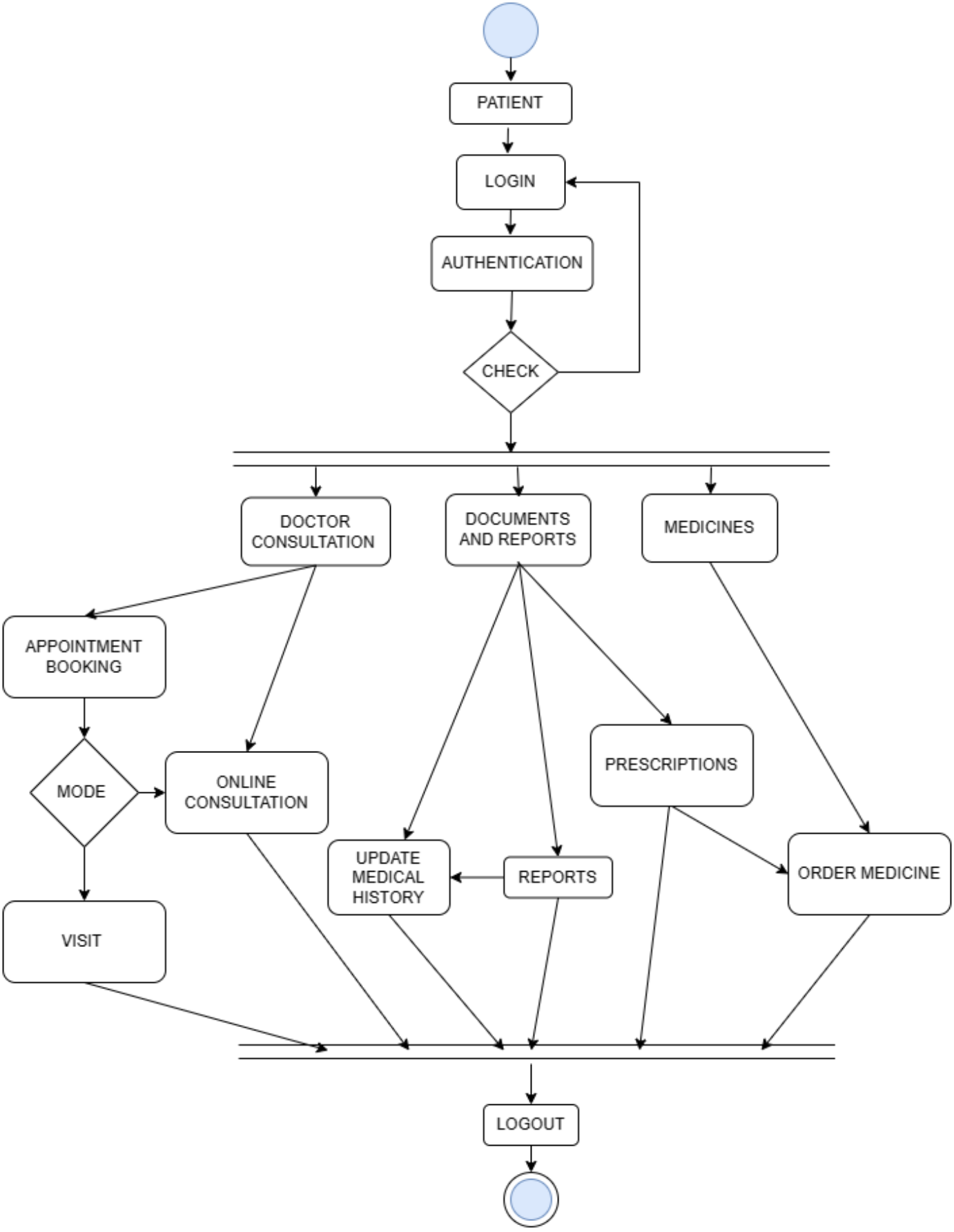
High level system design



Sequence Diagram



Activity Diagram


PATIENT
LOGIN
AUTHENTICATION
CHECK
DOCTOR CONSULTATION
DOCUMENTS AND REPORTS
MEDICINES
APPOINTMENT BOOKING
MODE
ONLINE CONSULTATION
VISIT
PRESCRIPTIONS
UPDATE MEDICAL HISTORY
REPORTS
ORDER MEDICINE
LOGOUT