



Software Requirements Specification

Second Year Group Project – 2022

University of Colombo School of Computing

Group CS29

Details of Project Supervisor, Co-supervisor

Proposed Project Supervisor

Name of the supervisor: Ms.Amali Perera



Signature of the supervisor Date: 13.11.2022

Proposed Project Co-Supervisor

Name of the supervisor: Ms.Lakshani Gayanthika



Signature of the co-supervisor Date: 13.11.2022

Group number and member details

Group number:29

Members:

1. A.W.Y.N.Welagedara -20002051
2. S.H.D.Hesera -20000758
3. K.G.T.S Thathsarani -20001843
4. J.K.K.K.Jagoda -20000804

Contents

Contents.....	3
1. Introduction	1
1.1. Domain description.....	1
1.2. The current system & It's limitations	1
1.3. Objectives & Goals	2
1.4. Assumptions, Constraints & Limitations	3
1.4.1. Constraints	3
1.4.2. Assumptions	3
2. Feasibility Study.....	4
2.1. Technical feasibility	4
2.1.1. Other case tools.....	4
2.1.2. Hardware requirements.....	5
2.2. Economic Feasibility	5
2.3. Legal and Ethical feasibility	6
2.4. Operational feasibility.....	6
2.5. Schedule feasibility.....	7
3. Requirements.....	8
3.1. Stakeholders	8
Patient	8
Doctor	8
Pharmacist.....	9
Receptionist.....	9
Admin	10
3.1.1. Use cases and Use case diagrams	12
.....	13
3.2. Use Case Narratives.....	14
3.2.1. Registration.....	14
3.2.2. Registration with invalid data fields	14
3.2.3. Patient Sign-in / Staff Sign in	15
3.2.4. Sign in with an invalid username or password	15
3.2.5. Edit account details	16
3.2.6. Logout.....	16

3.2.7.	Register Staff account	17
3.2.8.	Staff registration with invalid fields	17
3.2.9.	Delete staff account.....	18
3.2.10.	Deleting staff account without authontication	18
3.2.11.	Find doctor details.....	19
3.2.12.	Make an appointment.....	19
3.2.13.	Send Prescription to the Pharmacy.....	20
3.2.14.	Cancel an appointment.....	20
3.2.15.	Update advertise list.....	21
3.2.16.	Enroll a patient into a chanelling session.....	21
3.2.17.	Order medicine online	22
3.2.18.	View accounts	22
3.2.19.	Scheduling Chanelling Sessions.....	23
3.2.20.	Chanelling Session Information.....	23
3.2.21.	View Medicine details	24
3.2.22.	Add new medicine.....	24
3.2.23.	Advertise product items	25
3.2.24.	Add a new chanelling Session.....	25
3.2.25.	Get summary reoprts	26
3.2.26.	Payments	26
3.2.27.	View Patient Reports.....	27
3.2.28.	Advertise chanelling sessions.....	27
3.2.29.	View chanellimng session patient list	28
3.2.30.	Add a new report	28
3.2.31.	Enter pre-chaelling medical test results	29
3.2.32.	Generate lab report templates.....	29
3.2.33.	Enter lab test results	30
3.2.34.	Add new lab test	30
3.3.	Quality Attributes Requirements and how to achieve those	31
3.3.1.	Availability.....	31
2.3.2	Security	31
3.3.2.	Performance	32
2.3.3	Usability	32
2.3.4	Modifiability	32

3	Proposed System.....	33
3.1	Component diagram.....	33
3.2	Components and their responsibilities.....	34
4	System's Design.....	37
4.1	Class diagrams	37
4.2	EER Diagram	38
4.3	Sequence diagrams.....	39
4.3.1	Signup	39
4.3.2	Login	40
4.3.3	Logout	41
4.3.4	Edit pofile.....	42
4.3.5	Delete	43
4.3.6	Nurse	44
4.3.7	Patient	48
4.3.8	Admin	53
4.3.9	Receptionist.....	58
4.3.10	. Laboratory.....	61
4.3.11	Pharmacist.....	63
4.4	Activity diagrams.....	70
4.4.1	Login	70
4.4.2	Signin and login	71
4.4.3	Logout	72
4.4.4	Edit account	73
4.4.5	Doctor	74
4.4.6	Nurse	81
4.4.7	Admin	85
4.4.8	Receptionist	96
4.4.9	Patient	100
4.4.10	. Pharmacy.....	105
4.4.11	. Laboratory.....	109
4.5	State transition diagrams.....	113
4.5.1	Channeling status diagram.....	113
4.5.2	Doctor status diagram	113
4.5.3	Doctor medical report status diagram	114

4.5.4	E-prescription status diagram	115
4.5.5	Patient status diagram	116
4.5.6	Advertisement status diagram.....	117
4.5.7	Pharmacist status diagram.....	118
4.5.8	Lab report status diagram.....	119
5	User Interface Flow Diagram using wireframes.....	120
5.1	UI Flow Diagram	120
5.1.1	Patient UI flow diagram.....	120
5.1.2	Doctor UI flow diagram.....	121
5.1.3	Nurse UI diagram.....	122
5.1.4	Receptionist UI flow diagram.....	123
5.1.5	Pharmacist UI flow diagram	124
5.1.6	Laboratorist UI flow diagram	125
5.1.7	Administrator UI flow diagram	126
5.2	UI Prototypes	127
5.2.1	Registration	127
5.2.2	Login	127
5.2.3	Change Password	128
5.2.4	Persoanl Details	128
5.2.5	Patient	129
5.2.6	Doctor	138
5.2.7	Nurse	142
5.2.8	Receptionist.....	144
5.2.9	Pharmacist.....	147
5.2.10	. Lab Assistant.....	150
5.2.11	. Delivery Rider.....	152
6	Declaration	154

1. Introduction

1.1. Domain description

The channeling center is a medical institute that provides medical consultation and medication to patients. Private channeling centers are profit-driven institutes. Patients can meet doctors face to face to get medical consultations. Patients need to place an appointment to get a number on the channeling patient list. During a channeling session, doctors can see patients according to an appointment list.

Doctors give patients medication using prescriptions and might request lab reports to be brought back in the next channeling session. Doctor use written reports to keep track of patient medical information when the patient arrives next channeling session. Every channeling session needs Nurses and a Room. Lab tests and medications are provided by the same channeling center. Any patient or outside customer can buy products from the pharmacy. The pharmacy has an online order processing system and delivery system with dedicated delivery riders.

1.2. The current system & It's limitations

The current system depends on a manual work process where all information is stored in documents. If a patient wants to set an appointment either the patient should come to the channeling center or give a phone call to the receptionist. Often receptionist is swamped with telephone calls from the patient. The receptionist needs to keep track of the patient in a Microsoft Excel sheet or a paper document. So data security is less in the current manual system.

Since the current system keeps information of patients only in the channeling patient list and patient list. It is hard to keep track of a patient. Doctors use paper documents often a book to keep records of patient medical consultations to referring to when the patient arrives in the next channeling session. If a medical record book is lost patient will face the risk of losing his medical information.

During a channeling session, the doctor recommends tests and medication where the patient needs to go to the lab or pharmacy with a prescription or note from the doctor to receive medication or lab test. Also with the current system, it is hard to promote pharmacy and channeling centers among potential customers.

Considering management of the channeling center manual system is not efficient. For instance, channeling schedules are maintained in printed timetables. Often channeling center gets crowded with patients. This cause patient to stay in queues.

1.3. Objectives & Goals

The goal of the project is to automate the daily tasks of the channeling center. Also, this system provides a facility for patients to check doctors' availability and channel schedule using the internet. Patients can make their lives easy with fast and efficient service at the channeling center. Once registered in the system every piece of information about the patient is tracked by the system and stored securely and confidentially.

Employees can schedule channeling sessions easily and every updated channeling session detail is displayed on the institute website. So the channeling center can provide valid information to the patients. The crowded rush in the channeling center will be minimized by automating the payment system and patient management.

The pharmacy of the institute should be managed properly so that patients can make orders and take medicine quickly. One of the main project goals is to create a medicine order processing system. Which will help to manage schedules medicine orders and other medical orders. Doctors also can send prescriptions for their patients to the pharmacy.

Online laboratory request system helps both patient and doctors to request lab tests and obtain E-lab report. Main goal of project is to show analysed lab reports so that doctors can study them when patient visit in the next channeling. Also patient can track down their health status easily.

1.4. Assumptions, Constraints & Limitations

1.4.1. Constraints

- The system will be initially built in the English language and users should know the English language.
- Every patient except children should have a NIC(national identity card) number to create an account.
- Pediatric patients (children) need guardians' NIC numbers to access the system.
- The administrator should authenticate doctors and employees to create accounts in the system.
- No framework will be used to develop the project.
- This is a completely web-based platform so every user must have a good stable internet connection to get a valuable experience.

1.4.2. Assumptions

- Every patient should have access to the website.
- Users have credit/debit cards and know how to complete payments.
- Users need to have minimum knowledge to browse the internet and complete a payment process.
- Patients may have a mobile device or email account to get appointment information.
- Pediatric patients must have a guardian to register with the system.
- Non-pediatric patient must need NIC number to register in the system.

2. Feasibility Study

The feasibility study is done on the following topics,

1. Technical Feasibility
2. Economic Feasibility
3. Legal and Ethical Feasibility
4. Operational Feasibility
5. Schedule Feasibility

2.1. Technical feasibility

The main outcome of the project is a fully functional web application. Development is mainly by HTML, CSS, Javascript, and PHP. Mysql will be used as the relational database. Xampp is used as a cross-platform web server in the development phase.

The system is cloud-based and a reliable Internet service provider should be used. Every internet-accessible device should be installed with a web browser and a virus guard.

Development team members hope to develop relevant skills with the development of the project.” PayHere” will be the primary payment gateway that will use to perform all payments. It accepts ten different payment methods and is used very commonly in Sri Lanka commercially. It is technically feasible to integrate this payment gateway into the web application.

2.1.1. Other case tools

Project management: Trello

Basic communication tools: Whatsapp, Zoom

Design tools: Draw.io, Figma

2.1.2. Hardware requirements

An operational environment should be built in the channeling center. Every channeling room and front desk needs computers to access the website and a reliable Internet service provider should be used. Routers, network cables, and switches are needed when building up the local area network. Bar code readers should be used in both pharmacy and channeling centers.

Each member of the project team uses their laptop for development. Every machine has enough performance capacity to code, run, and test web applications. A barcode reader should be used in some modules and relevant drivers should be used.

2.2. Economic Feasibility

Since the application is cloud-based there will be hosting cost, since the security and dependability of onsite computers are critical third-party software such as virus guards should be used which will add up to the total cost.

There should be a budget allocated for the maintenance of the system. A maintenance cost will be there as long as the system is used. Since the system is cloud-based maintenance costs will be low.

Since the internet is used throughout the project as a source of technical information and to implement the system there will be a cost for internet connection. Each member of the development team will afford the internet connection cost of relevant internet service providers.

The "Pay here" payment gateway charges a subscription fee of LKR 10,000. It should be paid to make payments possible on the website.

On the other hand, this system will reduce the cost of papers and manpower needed. And will increase the efficiency of the channeling center. Online appointments and online pharmacies would increase the demand for the institute's services.

2.3. Legal and Ethical feasibility

Protection of the details of the patients is vital. Since the common law of Sri Lanka protects the privacy of personal information including personal health information under the common law action of action injuriarum. Data protection should be highly considered when building the system. The system also constraints access to patient reports only by relevant channeling doctors and patient to whom reports belongs. All reports stored in the system will be encrypted. No privacy information is visible to an unauthorized party or will not be sued for any advertising purposes.

It is a law that some medications cannot be sold without a prescription from a doctor. The system will request prescriptions for placing an order for those medicines. Pharmacists can reject prescriptions or specific medications due to ambiguities and other problems with prescriptions. All doctors advertised on the website should be approved by administrators of the channeling center. Systems provide proper formats of reports that can be used by doctors. When advertising medicine labels, names, and other information should be displayed on the web page. Most tools used in system development will be open-source or free software. If not those tools will be used with proper care.

2.4. Operational feasibility

Patients can set appointments using the internet. Employees can schedule channelings with the new system. Employees can use any internet-accessible device to access the system. Every user of the system can create and maintain accounts in the system. A payment gateway is implemented in the system such that patients can pay their bills using credit cards.

The operational environment is a prerequisite to implementing the system on the channeling center premise. Internet connection is critical in this system. Resources like internet-accessible devices should be provided for the employee. Employees and doctors should be trained to use the system.

Proper precautions using new technologies are used to provide a secure and confidential system to store and analyze patient medical test results. The medical laboratory can create medical reports and enter patient details into the system. Patients can easily check their doctor's profile and set appointments with a few clicks. Doctors and Nurses can view patient lists one by one when channeling are going on. Doctors can write reports and upload them into the system. Once all those prerequisites are fulfilled this system can manage patients, schedule channelings, generate reports, and take medicine orders. The system provides overall efficient performance in all the patient and channeling-related activities rather than doing them manually.

2.5. Schedule feasibility

The development team consists of four members, a supervisor and a co-supervisor. The project workload is distributed among four developers such that one team member should develop one module completely. The project would be developed throughout the whole week, mostly on weekends of each month. Constant meetings with team members and a Trello board are maintained throughout the system development time. Gantt chart of workload scheduling can be referred to for more information.

3. Requirements

3.1. Stakeholders

Patient

- Shall be able to sign up, log in, edit personal information and delete the account
- Shall be able to view doctor's profiles
- Shall be able to view channeling session schedules (doctor available dates and times)
- Shall be able to set appointments, pay for appointments, view appointment details, and cancel appointments
- Shall be able to request medicine by uploading a prescription online, make payment for online medicine orders, and track the status of the online order (delivery status)
- Shall be able to schedule monthly medicine orders and schedule payments for monthly orders
- Shall be able to view analyzed medical report

Doctor

- Shall be able to sign up and delete account after the approval of an admin
- Shall be able to log in and edit personal information
- Shall be able to start channeling session
- Shall be able to view channeling patient list
- Shall be able to view more details about patients (lab reports, previous prescriptions, health status), update patient reports, prepare a new prescription for the patient
- Shall be able to prepare a prescription and send it to the pharmacy and print the prescription
- Shall be able to set pre-channeling medical tests (blood sugar, weight, height)
- Shall be able to access the medical history of a patient
- Shall be able to view analyzed medical test reports

Pharmacist

- Shall be able to sign up and delete account after the approval of an admin
- Shall be able to log in and edit personal information
- Shall be able to view the medicine list, search for medicine, view more information on medicine, update details of medicine and remove a medicine
- Shall be able to view notifications and prescriptions for new orders and prescriptions by doctors
- Shall be able to prepare and print a bill for the patient and handle the payment and mark it as paid
- Shall be able to track the status of the medicine deliveries
- Shall be able to advertise products

Receptionist

- Shall be able to add new appointments and patients
- Shall be able to log in and edit personal information
- Shall be able to view patient channeling information
- Shall be able to view doctor details and schedules
- Shall be able to view calendar schedules according to dates and time slots
- Shall be able to add appointments to doctors requested online(schedule appointments) and cancel appointments and manage appointments
- Shall be able to prepare a patient list for the doctor
- Shall be able to register the patients from the front desk
- Payments

Delivery Rider

- Shall be able to see pending deliveries
- Shall be able to take deliveries
- Shall be able to take payments

Admin

- Shall be able to log in and edit personal information
- Shall be able to allocate nurses and rooms to channeling
- Shall be able to view existing account details
- Shall be able to schedule channeling
- Shall be able to advertise promotions and offers
- Shall be able to advertise offers and promotions in the system.
- Shall be able to take requests from doctors i.e. for canceling channeling sessions.
- Report generation on income, channeling session patient, and pharmacy income.

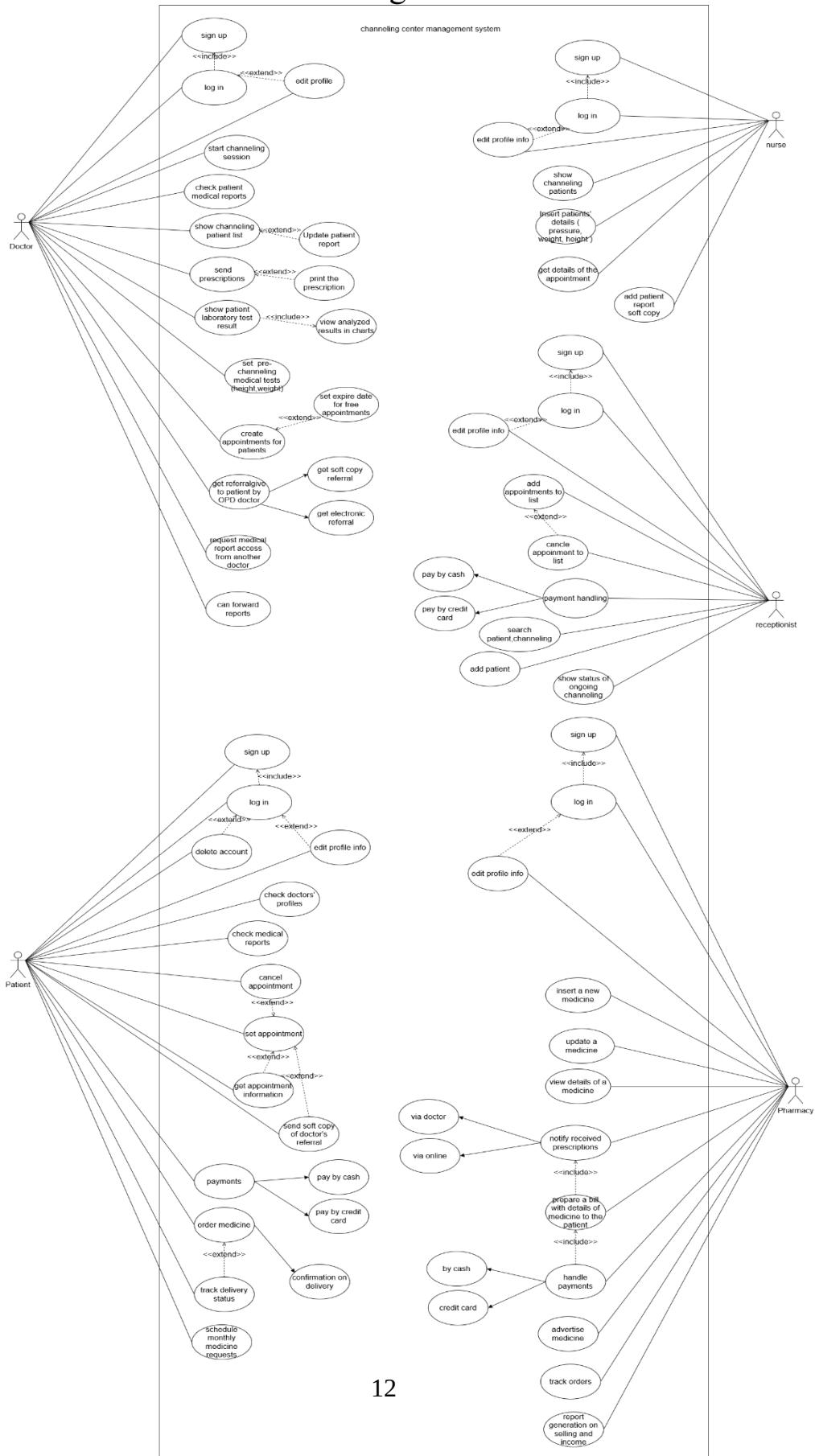
Nurse

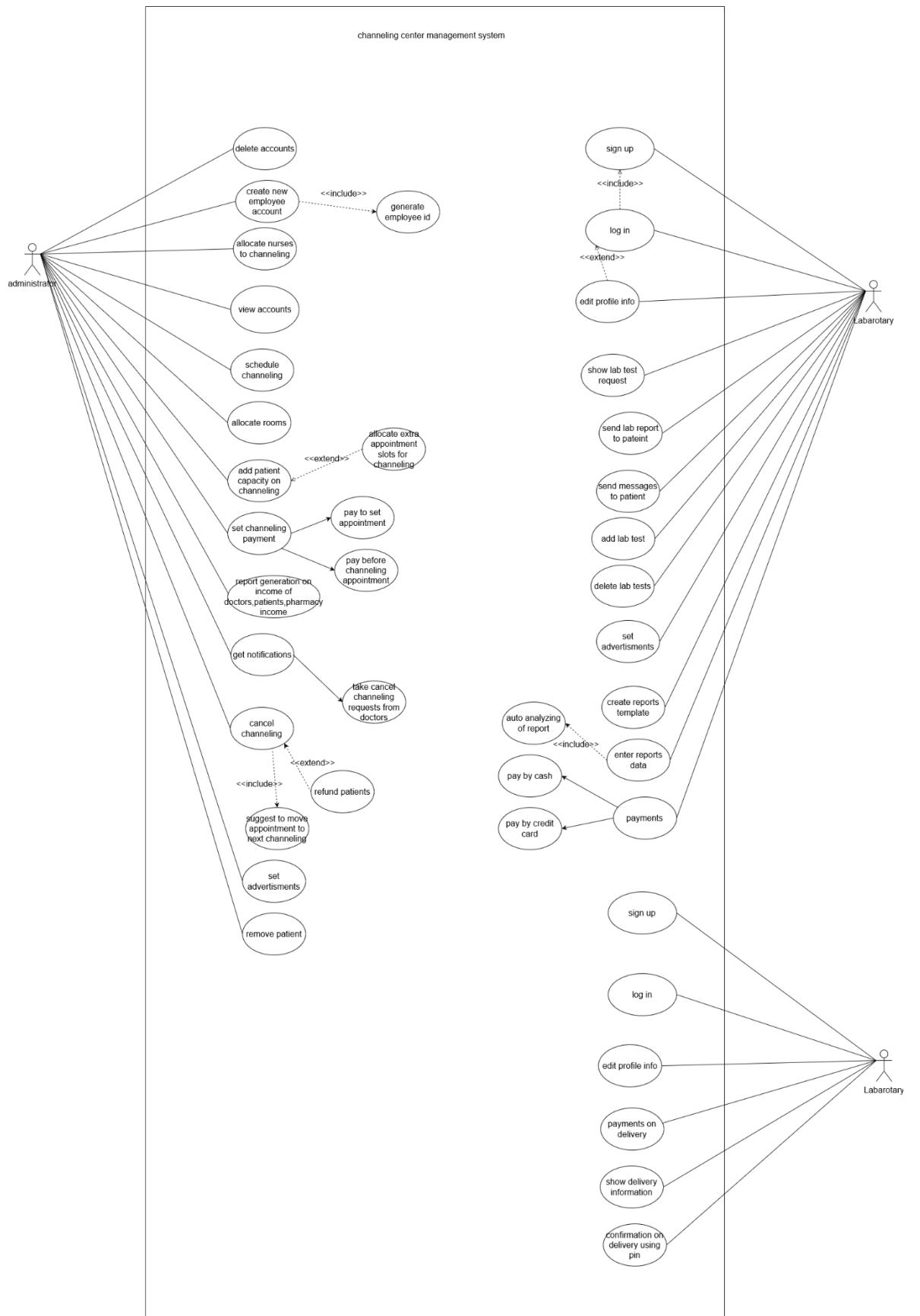
- Shall be able to sign up, log in, edit personal information and delete the account.
- Shall be able to view the patient list.
- Shall be able to view channeling session information.
- Shall be able to enter pre- channeling patient test results.
- Shall be able to view patient medical history.
- Shall be able to view patient appointment information.

Medical laboratory

- Shall be able to sign up, log in, edit personal information and delete the account.
- Shall be able to add medical report templates
- Shall be able to enter medical report results
- Shall be able to delete medical tests, add new medical tests to the system
- Shall be able to advertise promotions and offers
- Handle patient payments on medical tests

3.1.1. Use cases and Use case diagrams





3.2. Use Case Narratives

3.2.1. Registration

Use case	Register Account
ID	
Description	The user registers an account
Primary Actors	Patients, Pharmacy, Client Center
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. The use case starts when the user clicks the “Sign Up” tab on the navigation bar. 2. The system displays the signup page that allows users to fill in their username/email address, first and last name, address, age, and password. 3. The user keys in the details and clicks the “Sign Up” button. 4. The system displays the user’s profile page.
Post Conditions	The user’s details are stored in the database.
Alternative Flows	Invalid Field(s)

3.2.2. Registration with invalid data fields

Use case	Register Account: Invalid Fields(s)
ID	
Description	The user tries to register an account with one or more invalid details including an existing username/email address
Primary Actors	Patients, Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	The user has attempted to register for an account.
Main Flow	<ol style="list-style-type: none"> 1. The alternative flow starts after step 3 of the main flow 2. The system finds one or more invalid details 3. The system redisplays the signup page with an invalid sign-up message 4. The user can re-enter the correct details
Post Conditions	None
Alternative Flows	None

3.2.3. Patient Sign-in / Staff Sign in

Use case	Sign in
ID	
Description	The user tries to sign into the system
Primary Actors	Patients, Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	The user has already an account in the database of the web application.
Main Flow	<ol style="list-style-type: none"> 1. The use case starts when the user clicks the “Login” tab on the navigation bar 2. The system displays the login page that allows users to fill in their username/email address and password 3. The user keys in the details and clicks the “Sign In” button 4. The system checks the details in the database 5. The system displays the user’s profile page
Post Conditions	The user has access to the system
Alternative Flows	Invalid Sign In

3.2.4. Sign in with an invalid username or password

Use case	Sign In: Invalid Sign In
ID	
Description	The user tries to sign into the system with invalid details
Primary Actors	Patients, Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	The user has attempted to sign into the system
Main Flow	<ol style="list-style-type: none"> 1. The alternative flows start after step 3 of the main flow 2. The system does not find any matching details in the database 3. The system redisplays the login page with an invalid login message 4. The user can re-enter the correct details
Post Conditions	None
Alternative Flows	None

3.2.5. Edit account details

Use case	Edit Account Details
ID	
Description	Edit the account information
Primary Actors	Client center, Pharmacy, Patient, Doctor
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. View the account details and select update account details. 2. Edit information and display changes. 3. Confirm the changes. 4. Update account information of user profile and display profile.
Post Conditions	The user has updated the user profile.
Alternative Flows	None

3.2.6. Logout

Use case	Logout
ID	
Description	The user tries to logout from the system
Primary Actors	Patients, Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	The user has logged in
Main Flow	<ol style="list-style-type: none"> 1. The use case starts when the user clicks the “Logout” tab on the navigation bar 2. The system returns to the sign-in page
Post Conditions	The user has logged out
Alternative Flows	None

3.2.7. Register Staff account

Use case	Staff Register Account
ID	
Description	The user registers an account
Primary Actors	Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. The use case starts when the user clicks the “Sign Up” tab on the navigation bar. 2. The system displays the signup page that allows users to fill in their user account details. 3. The user keys in the details and clicks the “Sign Up” button. 4. pending the admin approval 5. The system displays the user’s profile page.
Post Conditions	The user’s details are stored in the database.
Alternative Flows	Invalid Field(s)

3.2.8. Staff registration with invalid fields

Use case	Staff Register Account: Invalid Fields(s)
ID	
Description	The user tries to register an account with one or more invalid details including an existing username/email address
Primary Actors	Patients, Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	The user has attempted to register for an account.
Main Flow	<ol style="list-style-type: none"> 1. The alternative flow starts after step 3 of the main flow 2. The system finds one or more invalid details 3. The system redisplays the signup page with an invalid sign-up message 4. The user can re-enter the correct details
Post Conditions	None
Alternative Flows	None

3.2.9. Delete staff account

Use case	Delete Staff Account
ID	
Description	The user tries to delete the account
Primary Actors	Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	The user has already had an account in the database of the web application.
Main Flow	<ol style="list-style-type: none"> 1. The user requests to delete the account. 2. The system sends the notification to the admin. 3. The system checks the reason and approves it. 4. Users can delete the account. 5. Account deletion is successful and back to the home page.
Post Conditions	The user has deleted the account
Alternative Flows	Display error message

3.2.10. Deleting staff account without authentication

Use case	Delete Staff Account: Display error message
ID	
Description	The user tries to delete the account with deny request
Primary Actors	Doctors, Pharmacy, Client Center
Secondary Actors	None
Preconditions	The user has attempted to delete the account
Main Flow	<ol style="list-style-type: none"> 1. The alternative flows start after step 3 of the main flow 2. The system does not approve the reason 3. The system redisplays the error message 4. The user can re-enter the valid reason.
Post Conditions	None
Alternative Flows	None

3.2.11. Find doctor details

Use case	Find a Doctor
ID	
Description	The user tries to find a doctor
Primary Actors	Patients, Client Center, Pharmacy
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. The use case starts when the user clicks the “Doctors” tab on the navigation bar 2. The system displays the doctor's page with all kinds of available Medical Specialties 3. The user clicks on the relevant specialist in the card section 4. The system displays a list of doctors and their channeling schedule 5. The user selects their preferred doctor
Post Conditions	The user has found a doctor
Alternative Flows	None

3.2.12. Make an appointment

Use case	Book an appointment
ID	
Description	The user tries to book an appointment
Primary Actors	Patients, Client Center
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. The user selects their preferred doctor and clicks the “book an appointment” Butt0n 2. The system displays the book an appointment page 3. The user fills in the appointment details and clicks on the submit Button 4. Save the appointment details and generate a schedule for the appointment. 5. Get the schedule provided and pay the payment.
Post Conditions	The user has booked an appointment
Alternative Flows	None

3.2.13. Send Prescription to the Pharmacy

Use case	Send prescription to the pharmacy
ID	
Description	The doctor sends the prescription to the pharmacy
Primary Actors	Doctor, Pharmacy
Secondary Actors	Patient
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Doctor asks for the disease details from the patient 2. The doctor decides the medicines for the disease 3. The doctor sends the prescription to the pharmacy
Post Conditions	The doctor has sent the prescription
Alternative Flows	None

3.2.14. Cancel an appointment

Use case	cancel an appointment
ID	
Description	Cancel the appointments of the patients
Primary Actors	Client center, Patient
Secondary Actors	Doctor
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Log in to your account and check the appointment. 2. Update patient list and update patient information. 3. Cancel the appointment. 4. Remove the appointment and display the canceled message.
Post Conditions	The user has requested to cancel the appointment.
Alternative Flows	None

3.2.15. Update advertise list

Use case	Update advertise list
ID	
Description	Update the advertisement list
Primary Actors	Client center, pharmacy
Secondary Actors	None
Preconditions	None
Main Flow	<ul style="list-style-type: none"> 1. Go to the advertisement page and select the item. 2. Change the details about the items. 3. Update the advertise list.
Post Conditions	The user has updated the advertisement list.
Alternative Flows	None

3.2.16. Enroll a patient into a channelling session

Use case	Take medicine
ID	
Description	Enrolling a patient to a channeling
Primary Actors	Client center, Patient
Secondary Actors	None
Preconditions	None
Main Flow	<ul style="list-style-type: none"> 1. Get the patient account id and check the account information. 2. Check the appointment and enroll the particular patient to the channeling. 3. Update the channeling list and patient account information. 4. Show the payment information and update the history of patient channeling information.
Post Conditions	The user has enrolled to a channeling.
Alternative Flows	None

3.2.17. Order medicine online

Use case	Order medicine
ID	
Description	online order medicine by the patient
Primary Actors	Client center, Patient, Pharmacy
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. send a prescription to the pharmacy 2. include the quantity of medicine and confirmation
Post Conditions	The user has ordered medicine
Alternative Flows	None

3.2.18. View accounts

Use case	View Accounts
ID	
Description	View information on the accounts
Primary Actors	Client center, Pharmacy, Doctor
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Go to the account page and select the account type. 2. If the account is patient, display the personal information. 3. If the account is staff, display the staff information.
Post Conditions	The user has checked the patient information
Alternative Flows	None

3.2.19. Scheduling Chanelling Sessions

Use case	Channeling scheduling
ID	
Description	Schedule the Channelings by the Hospital
Primary Actors	Client center, Doctor
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Set day and time of the channeling 2. Set starting date 3. Assign nurse to channeling 4. Assign room to channeling
Post Conditions	The user has scheduled the channelings
Alternative Flows	None

3.2.20. Chanelling Session Information

Use case	Channeling information
ID	
Description	check the channeling information
Primary Actors	Client center, Pharmacy, Patient, Doctor
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Check the information of particular channelings
Post Conditions	The user has checked the information.
Alternative Flows	None

3.2.21. View Medicine details

Use case	View Medicine
ID	
Description	Checking the medicine details of the inventory.
Primary Actors	Client center, Pharmacy, Patient, Doctor
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Go to the medicine details page and select the medicine category or search the medicine. 2. View the medicine information.
Post Conditions	The user has viewed the medicine details in the inventory.
Alternative Flows	None

3.2.22. Add new medicine

Use case	Add new medicine
ID	
Description	Adding the new medicines into the inventory.
Primary Actors	Client center, Pharmacy
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Go to the medicine details page and select “add medicine”. 2. Display the add medicine form and fill in the information about the medicine. 3. Select category and category details. 4. Validate add item details (if valid, approve the item and if invalid, display the error message.) 5. Display the “Adding Successful” massage and medicine details.
Post Conditions	The user has added the medicine to the inventory.
Alternative Flows	None

3.2.23. Advertise product items

Use case	Advertise product items
ID	
Description	Advertise the product items on the website.
Primary Actors	Client center, Pharmacy
Secondary Actors	Patients, Doctor
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Select the advertising item and fill in the information in the form. 2. Display a preview of the product item and confirm it. 3. Display advertisement on the website.
Post Conditions	The user has advertised the product items on the website.
Alternative Flows	None

3.2.24. Add a new chanelling Session

Use case	Add channeling
ID	
Description	Add the channeling to the channeling list
Primary Actors	Client center, Doctor
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. View the advertised channelings and select add a new channeling. 2. Display the form and fill it out. 3. Display a preview of the advertisement and confirm it. 4. Advertise on the website.
Post Conditions	The user has added the new channeling.
Alternative Flows	None

3.2.25. Get summary reoprts

Use case	Get summary report
ID	
Description	Get the summary report information
Primary Actors	Client center
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. View the admin's page. 2. Request for the summary report. 3. View the calendar and select the relevant date for the summery. 4. Display the summary report.
Post Conditions	The user has got the summary report information.
Alternative Flows	None

3.2.26. Payments

Use case	Payment (Pharmacy/Patient Management System)
ID	
Description	Pay the channeling channeling payment
Primary Actors	Client center, Pharmacy, Patient
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Request for the payment. 2. Display payment details. 3. Select the payment method and pay the bill. 4. Display the “Payment Successful” massage and payment details.
Post Conditions	The user has paid the bill.
Alternative Flows	None

3.2.27. View Patient Reports

Use case	View Patient Report
ID	
Description	View the patient report information.
Primary Actors	Client center, Pharmacy, Patient, Doctor
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Go to the report details page. 2. Select the relevant report and view it.
Post Conditions	The user has viewed the report details.
Alternative Flows	None

3.2.28. Advertise channelling sessions

Use case	Advertise channeling
ID	
Description	Advertise the channeling days
Primary Actors	Channeling center
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Check the date and relevant channeling for the next day 2. Randomly select the particular channeling. 3. Preview the advertisement and approve it. 4. Advertise on the website.
Post Conditions	The user has advertised the channeling advertise
Alternative Flows	None

3.2.29. View channeling session patient list

Use case	Show channeling patient list
ID	
Description	Nurse accesses the patient list of a live channeling
Primary Actors	Nurse
Secondary Actors	None
Preconditions	Nurse request access to patient list
Main Flow	<ol style="list-style-type: none"> 1. Access the channeling 2. Show patientl list 3. Click “next” to go to the next patient
Post Conditions	None
Alternative Flows	None

3.2.30. Add a new report

Use case	Add medical reports
ID	
Description	Nurse add medical reports in the system
Primary Actors	Nurse
Secondary Actors	Doctory
Preconditions	Nurse request lab report submission
Main Flow	<ol style="list-style-type: none"> 1. Access the patient in the channeling list 2. Click “upload reports” 3. Click “submit”
Post Conditions	None
Alternative Flows	None

3.2.31. Enter pre-channeling medical test results

Use case	Enter pre-channeling medical test result
ID	
Description	Nurses require to add medical test results take just before channeling
Primary Actors	Nurse,/Doctor
Secondary Actors	None
Preconditions	Patient should be in channeling list
Main Flow	<ol style="list-style-type: none"> 1. Select the view of the required patient 2. Edit form given 3. Submit the form
Post Conditions	All data should be encrypted
Alternative Flows	None

3.2.32. Generate lab report templates

Use case	Create lab report template
ID	
Description	Laboratory employees should be able to create medical reports template and fill them for each patient's medical test requests
Primary Actors	Laboratory employee
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Add number of fields ,graphical content, textareas 2. Submit structure of the document
Post Conditions	.
Alternative Flows	Invalid Field(s)

3.2.33. Enter lab test results

Use case	Enter lab test results
ID	
Description	Laboratory employees should be able to enter patient medical test result to the system to analyse them
Primary Actors	Laboratory employee
Secondary Actors	None
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Access the template type 2. Enter all the detail in the lab test result 3. Click “submit” 4. Show analysed results
Post Conditions	.
Alternative Flows	Invalid Field(s)

3.2.34. Add new lab test

Use case	Add new lab tests
ID	
Description	Patients and doctors should be able to see lab tests types and their name with prices
Primary Actors	Laboratory employee
Secondary Actors	Doctor,patient
Preconditions	None
Main Flow	<ol style="list-style-type: none"> 1. Go to add new lab test 2. Input the name of the lab test 3. Input the price 4. Click “edit” or “submit”
Post Conditions	.
Alternative Flows	

3.3. Quality Attributes Requirements and how to achieve those

3.3.1. Availability

High of availability can be expected from the system overall. Steps taken to make the system available will be different from module to the module if a failure occurs. In case of a crash in the patient management module such as failing to access the report of a patient or the other information, the whole system will get affected. The system should be made unavailable during repair time. If database system response timing is high, doctor prescription generation will

operate in a degraded mode where doctors have to write prescriptions fully and give a printout to the patient. If a server crash occurs, the System is expected to be hosted on mirror servers with load balancing to make sure high availability of the website. Since the system is cloud-based redundant internet service providers (ISPs) should be used in case of internet failure.

2.3.2 Security

Basic authentication using a password is implemented in every account registered in the system. Every password is hashed. And constraints on privileges of an account type are implemented in the system. Information security on patient information is critical in the system. If a user wants to access relevant medical reports. Patient report management always maintains a list of account IDs that can access each patient report. Only one patient account and physician accounts can be given access to reports. No other accounts can access these reports. Also, every report will be encrypted. If a user makes more than 3 attempts to log in to an account. The account will be locked for 5 minutes, and the system will send an email to the account owner to notify him. Automatic logging out after a time period of inactivity. Administrators should create every staff account request to prevent unauthorized access. The system should be hosted on secure servers. It is a must that every internet-accessible device is properly updated and protected physically. Auto log out of the system of inactivity is used in patient accounts to minimize unauthorized access.

3.3.2. Performance

The performance of the system is critical since it is used in real-time in channelings and patient management. Since the system is cloud-based it is less affected by the physical devices that are used to access the website. But it depends on how fast a device can access the internet. So a good internet connection is crucial in the system. If one internet service provider slows down or is unavailable there should be redundant ISP's to provide internet connection. Exceptions handling is used to optimize performance. Since the system is used by multiple users at the same time concurrency is important in the software system. With the use of multiple servers and load balancing techniques system should be able to handle multiple users at once. With load balancing the traffic can be divided among multiple servers so that the response time can be reduced.

2.3.3 Usability

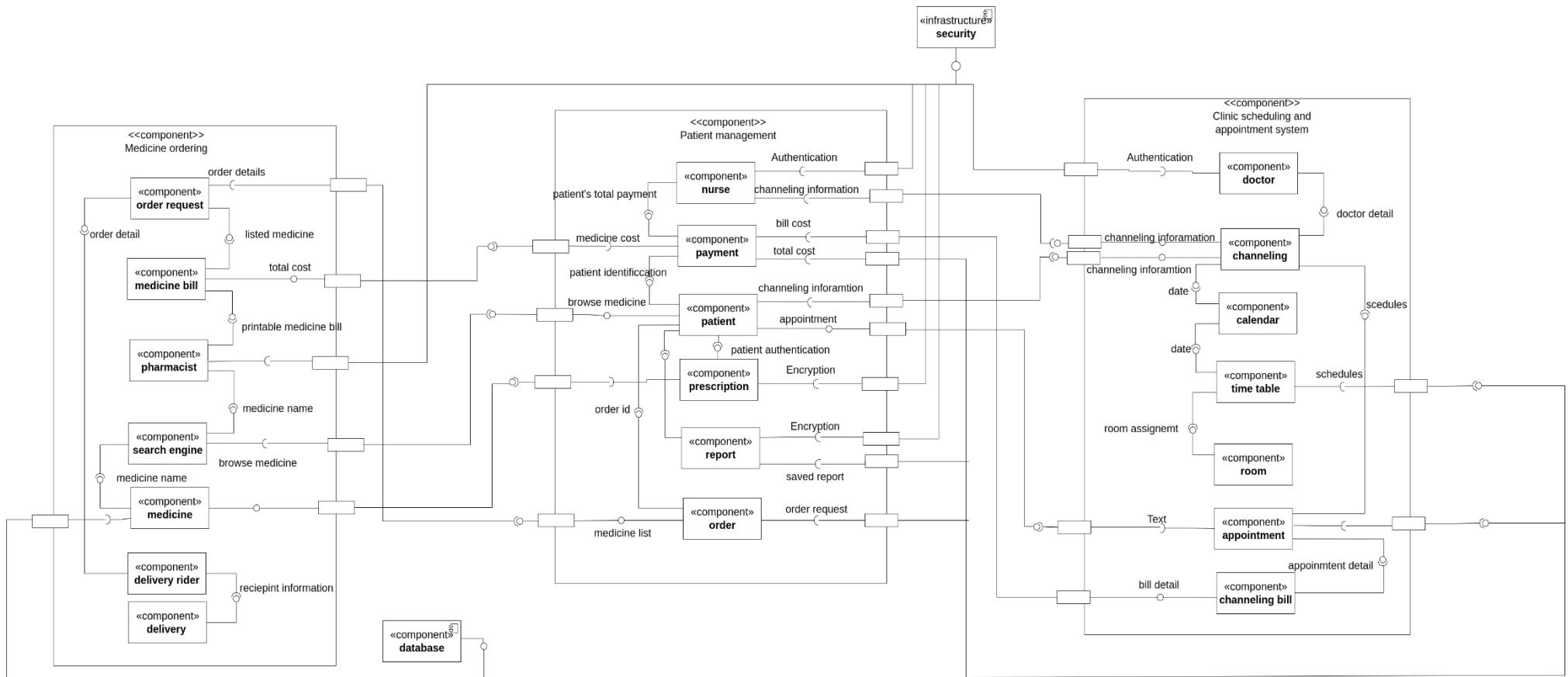
The channeling center management system is used by a variety of users with different levels of knowledge on using technology. It is important to provide proper assistance for users to achieve their tasks. Every user is provided with friendly and configurable interfaces according to their privileges. For instance, when the system takes input from users every input will be validated and authenticated to reduce the error caused by invalid data. Friendly and simple user interface. Proper assistance to a patient is provided by notifying them with messages on a patient when setting appointments. Patients can see channeling type, doctor's name, and schedules. When doctors are writing medicine on prescription the system will provide auto-suggestions based on the medicine name. Basic training is crucial to introduce the system to the employees working in the channeling center.

2.3.4 Modifiability

The system is divided into sub-component such as medicine order management, patient management, and channeling appointment and scheduling. The system is modularized such that coupling between modules is low. For instance, changes done to any sub-module in a pharmacy will affect less channeling management and patient management system due to low coupling. To reduce coupling between patient management and channeling management modules encapsulation techniques are expected to be used. Every module has optimized cohesion. Responsibilities of modules are divided among each module to make sure high semantic coherence. For instance, patient report management is common to both modules but it is assigned to the patient management module. Good software engineering practices are followed when developing the system. Good software engineering practices are followed when writing codes.

3 Proposed System

3.1 Component diagram



3.2 Components and their responsibilities

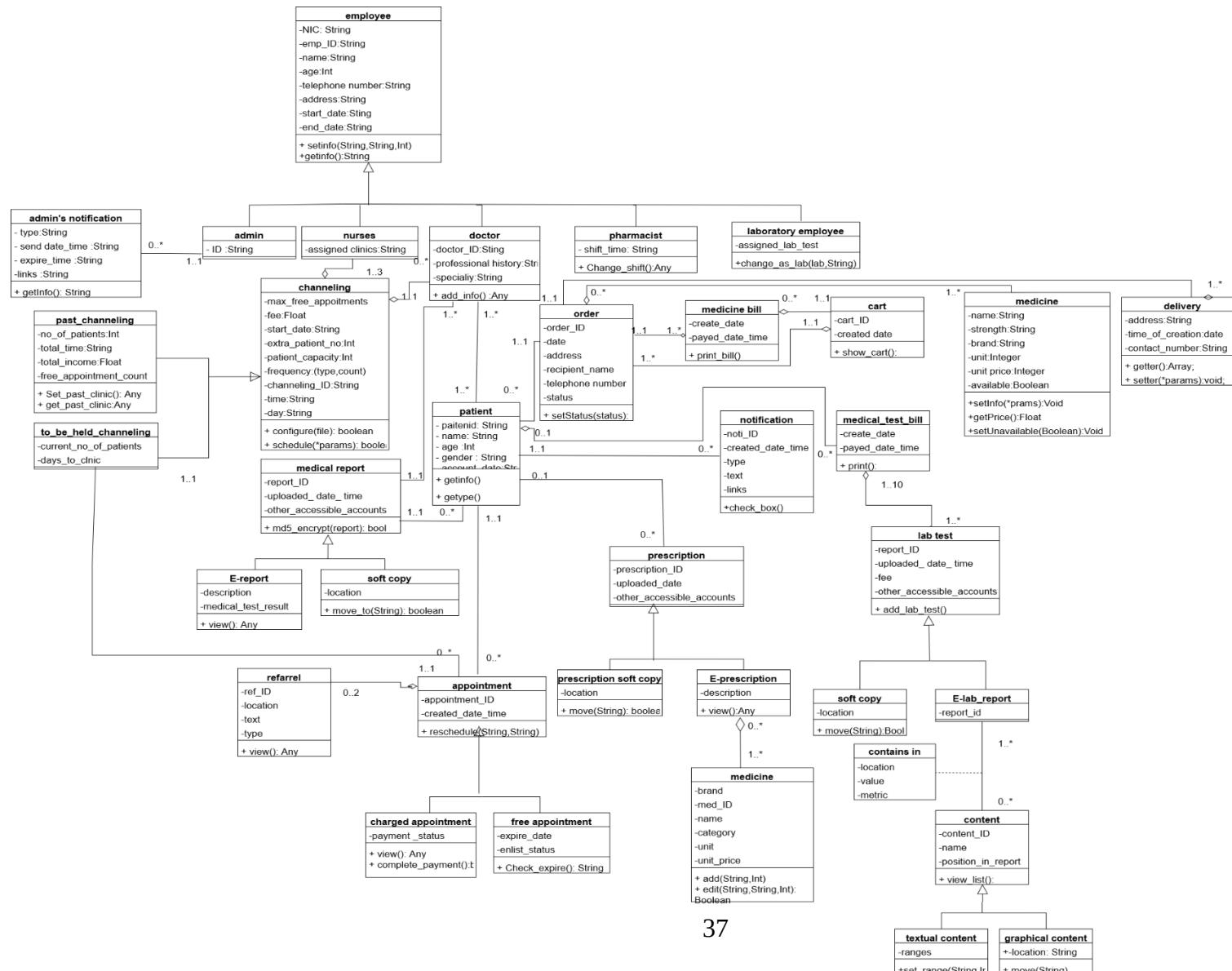
Component	Responsibility	Interaction
Doctor	<p>The doctor component can have the ability to start channeling sessions and finish channeling sessions.</p> <p>Doctor component can generate patient medical information such as prescriptions, medical records</p>	<p>The doctor component interacts with the channeling in the live channeling assistance service of the system.</p> <p>Also, when generating reports and prescriptions it interacts with the component for E-prescriptions and medical records.</p>
Channeling	<p>Keep track of channeling schedules.</p> <p>Create channeling sessions that are open for appointment.</p> <p>Keep track of past channeling data and appointments.</p> <p>Used in live channeling assistance.</p>	<p>Interact with appointments when channeling is open for appointments.</p> <p>Provide data needed for live channeling assistance for doctor and employee components.</p>
Calendar	Provide real-world calendar functions.	Interact with channeling to create channeling sessions open for appointment
Timetable	Keep track of channeling sessions	Interact with channeling to keep track of channeling session
Room	Keep room on channeling session	Interact with the channeling session to assign rooms for the channeling session
Appointment	Keep a record of the allocation of the patient to a channeling session	Interact with both channeling and patient to provide and retrieve information respectively

Channeling bill	Keep information on patient payments related to channeling sessions. Interact with online payment gateways.	Interact with patients and online payment gateways to validate and authenticate credit card payments
Nurse	Keep track of personal information and able to access patient appointment information.	Interact with patient component and appointment components to modify or access patient information
Patient	Represent real-world patients in the system. All reports, payments, and appointments are stored relative to the patient component.	Interact with appointments, and medical reports to authorize and access them.
Prescription	Hold a list of medicine provided by the medicine component. Provide system suggestions when prescribed by the doctor. A prescription can be a soft copy or an E-prescription.	Interact directly with doctors during writing a prescription, and interact with the patient during online medical orders. Provide information for the pharmacist to process orders.
Report	Store medical documentation related to a patient. Maintain accessibility to a report. Decrypting and encrypting reports.	Interact with the doctor during the report generation phase. Interact with the laboratorist when generating lab reports using a template. Interact with the patient when providing information on medical analysis.
Order	Use maintains orders in a cart relative to a different customer. Manage different types of medicine orders. Such as scheduling medicine orders	Interact with the delivery system.
Medicine bill	Keep track of patient information relative to medicine to order.	Interact with payment gateways and medicine.
Pharmacist	Keep track of pharmacist employees. And maintain service provided by and to the pharmacist	Interact with medicine orders.

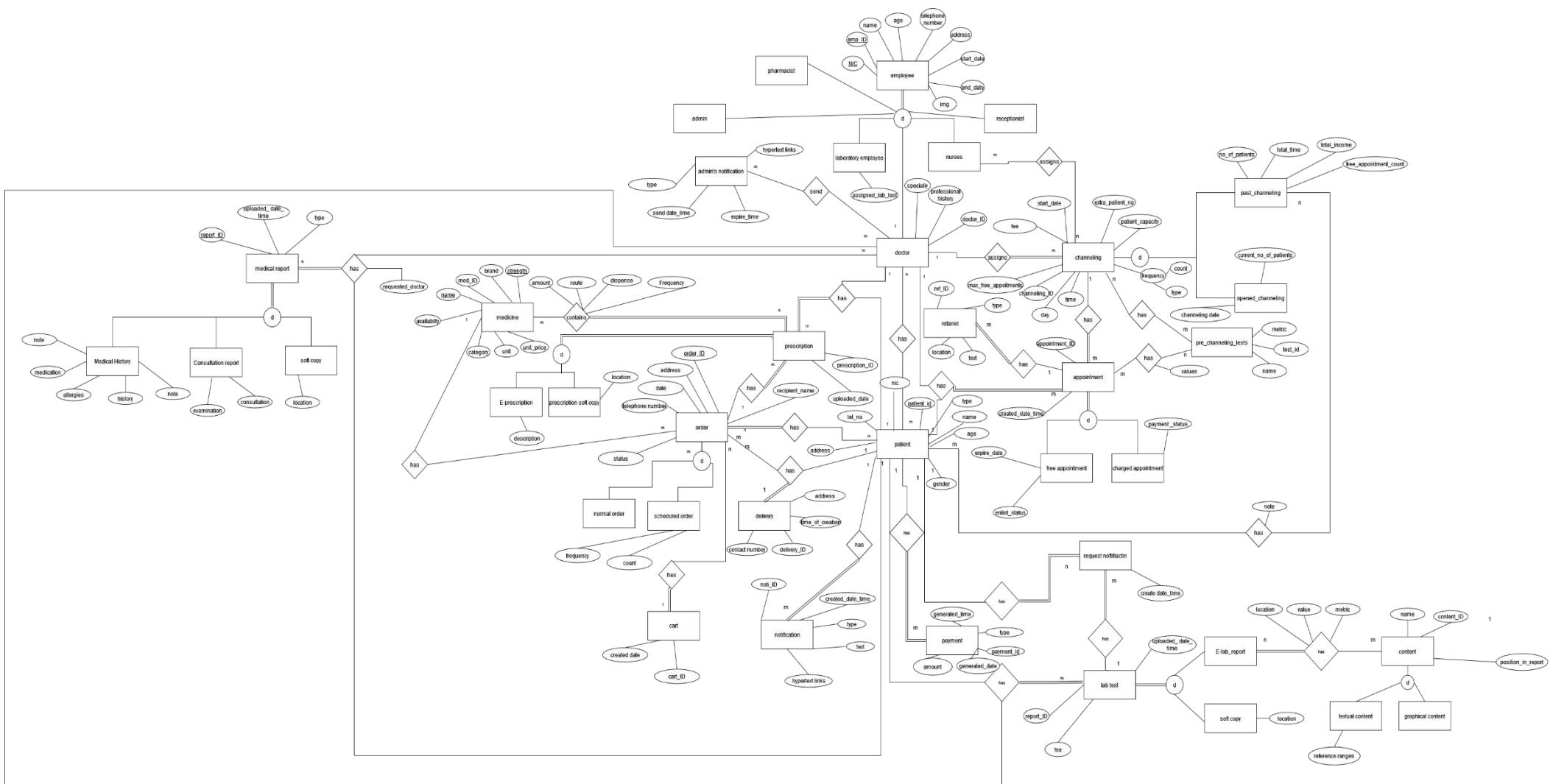
Search engine	Provide a simple interface to browse through medicine and use to provide automatic suggestions on writing E-prescription	
Medicine	<p>Store detail of all medicine.</p> <p>Track the availability of medicine.</p> <p>Medicine can be directly linked to E-prescription.</p>	<p>Doctors use medicine components when generating e-prescriptions.</p> <p>Linked with medicine bill so that the Medicine component can provide the unit and unit price of a medicine.</p>
Delivery rider	Represent delivery rider stakeholders in the delivery system.	Interact with delivery in the delivery system.

4 System's Design

4.1 Class diagrams

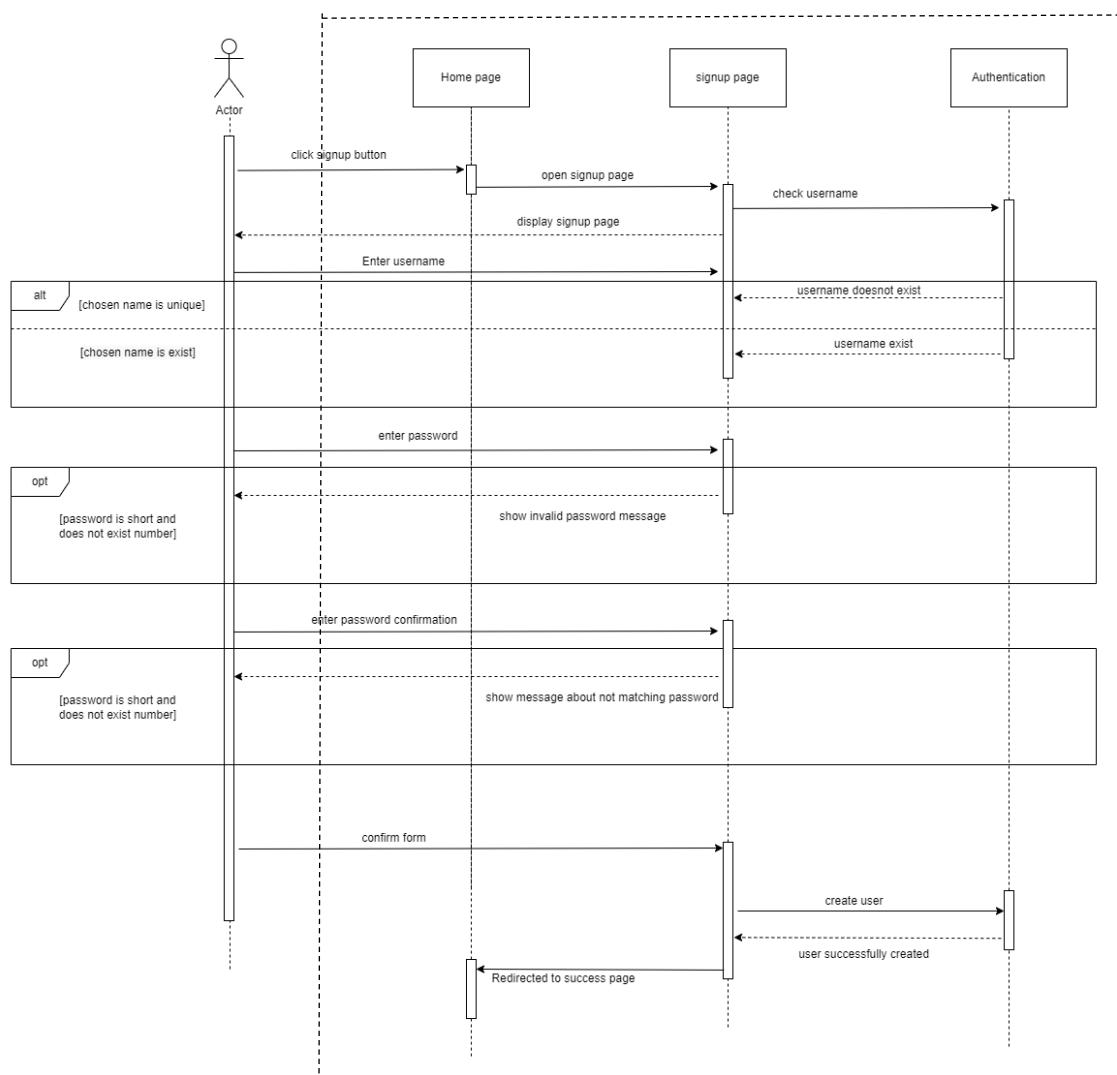


4.2 EER Diagram

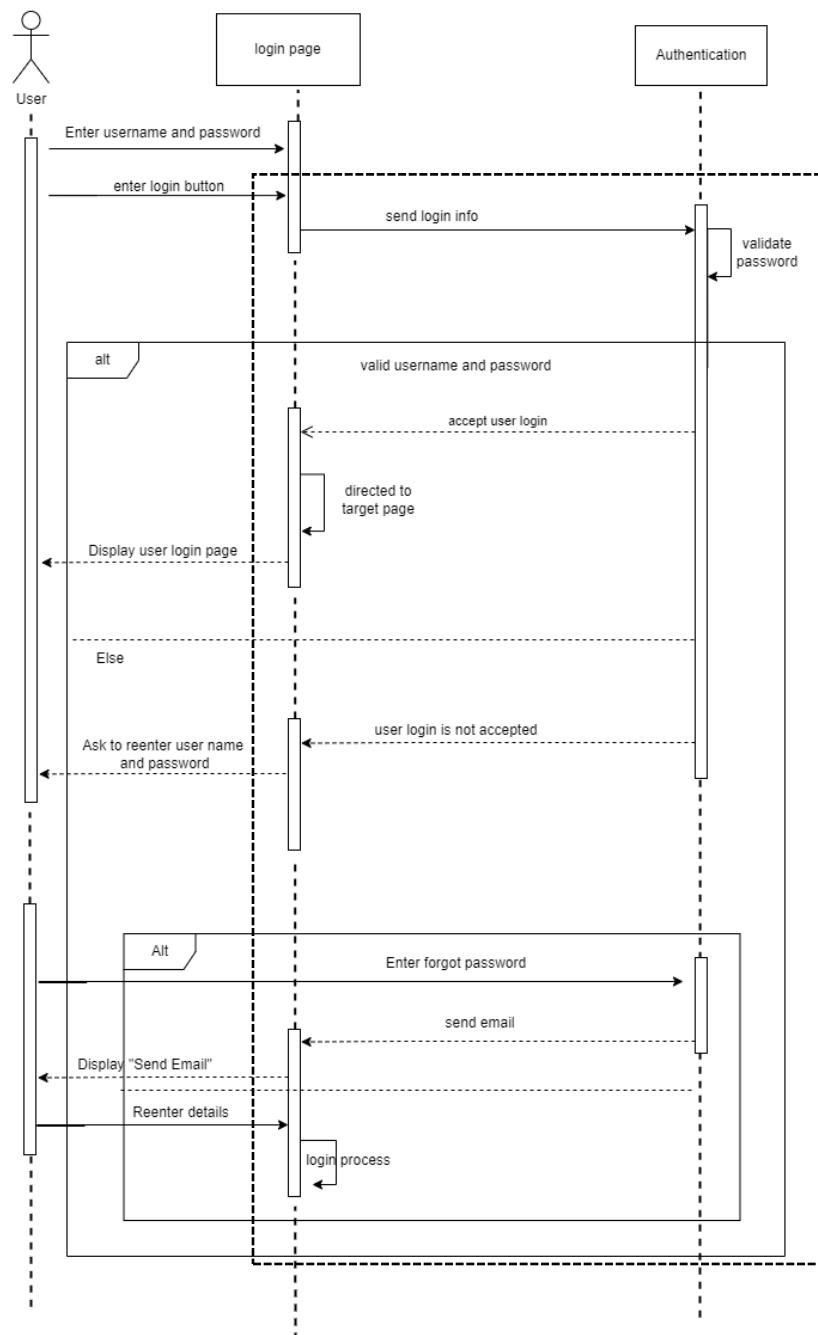


4.3 Sequence diagrams

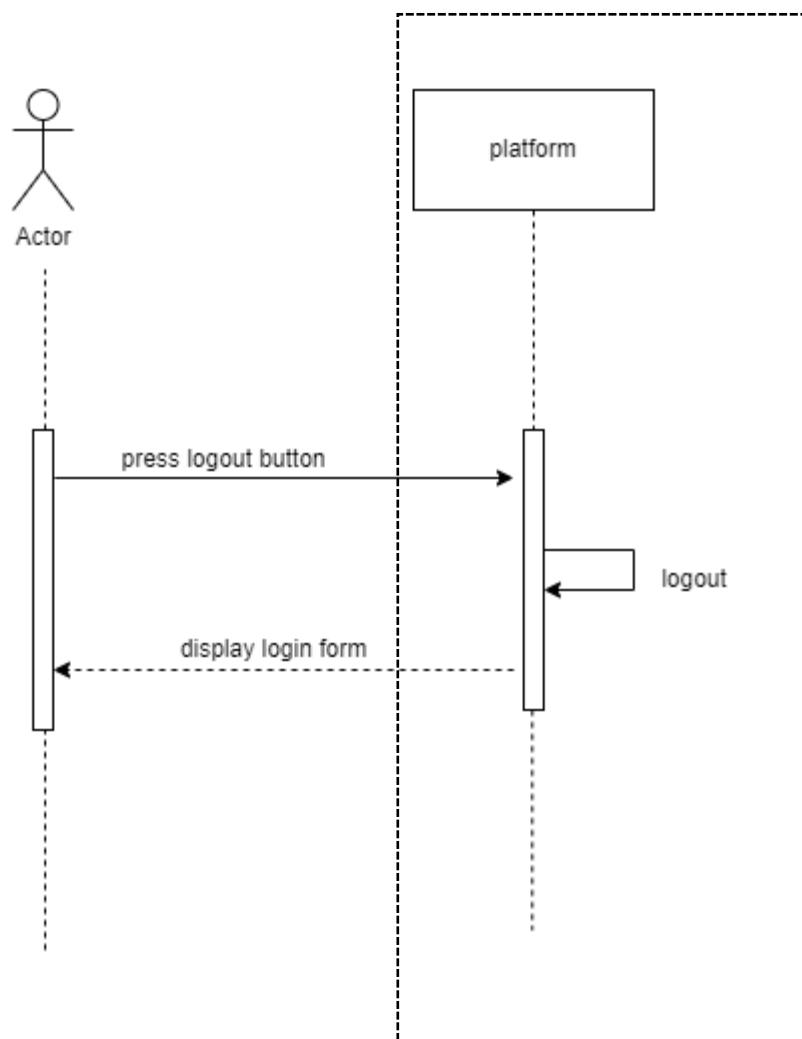
4.3.1 Signup



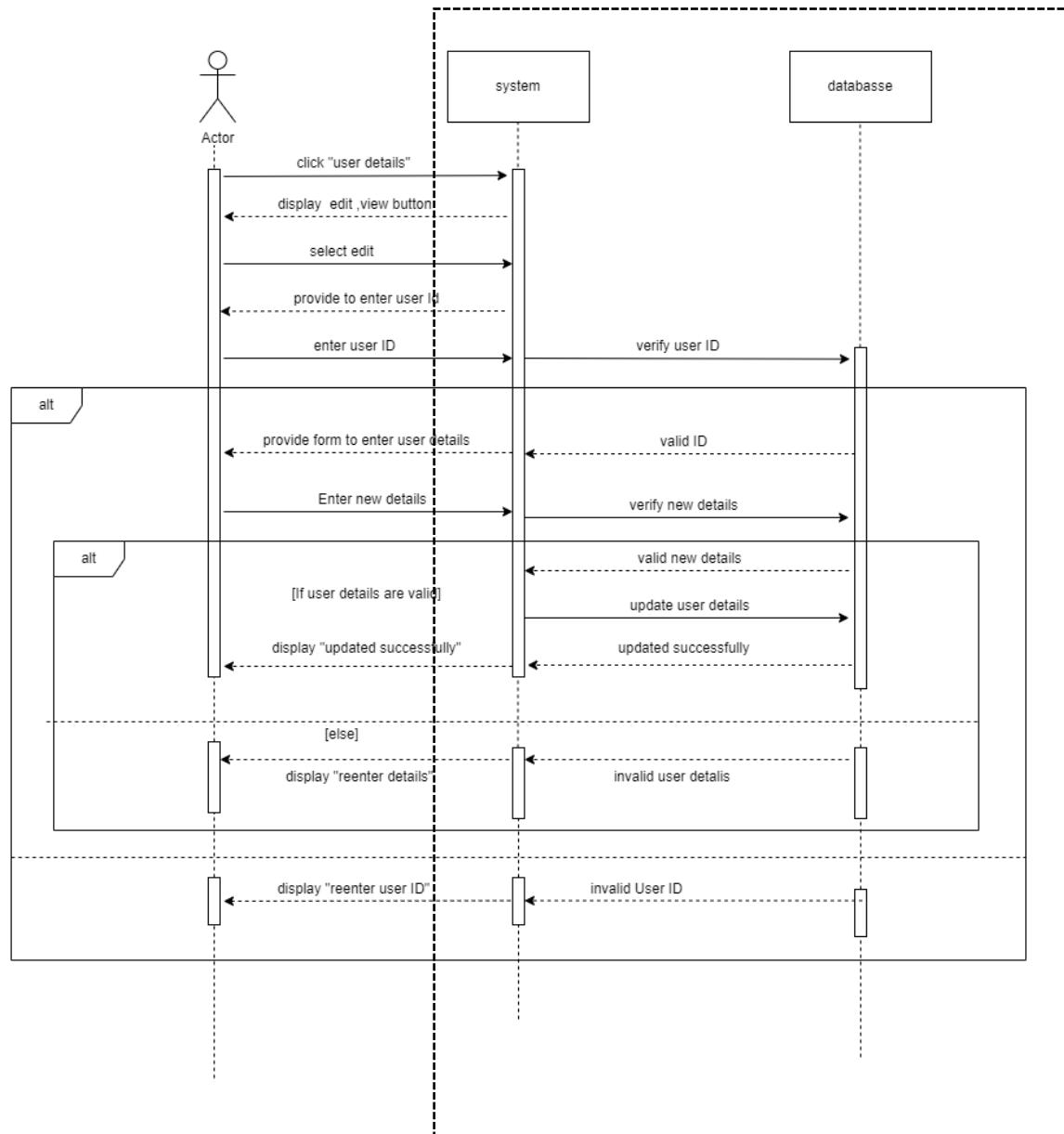
4.3.2 Login



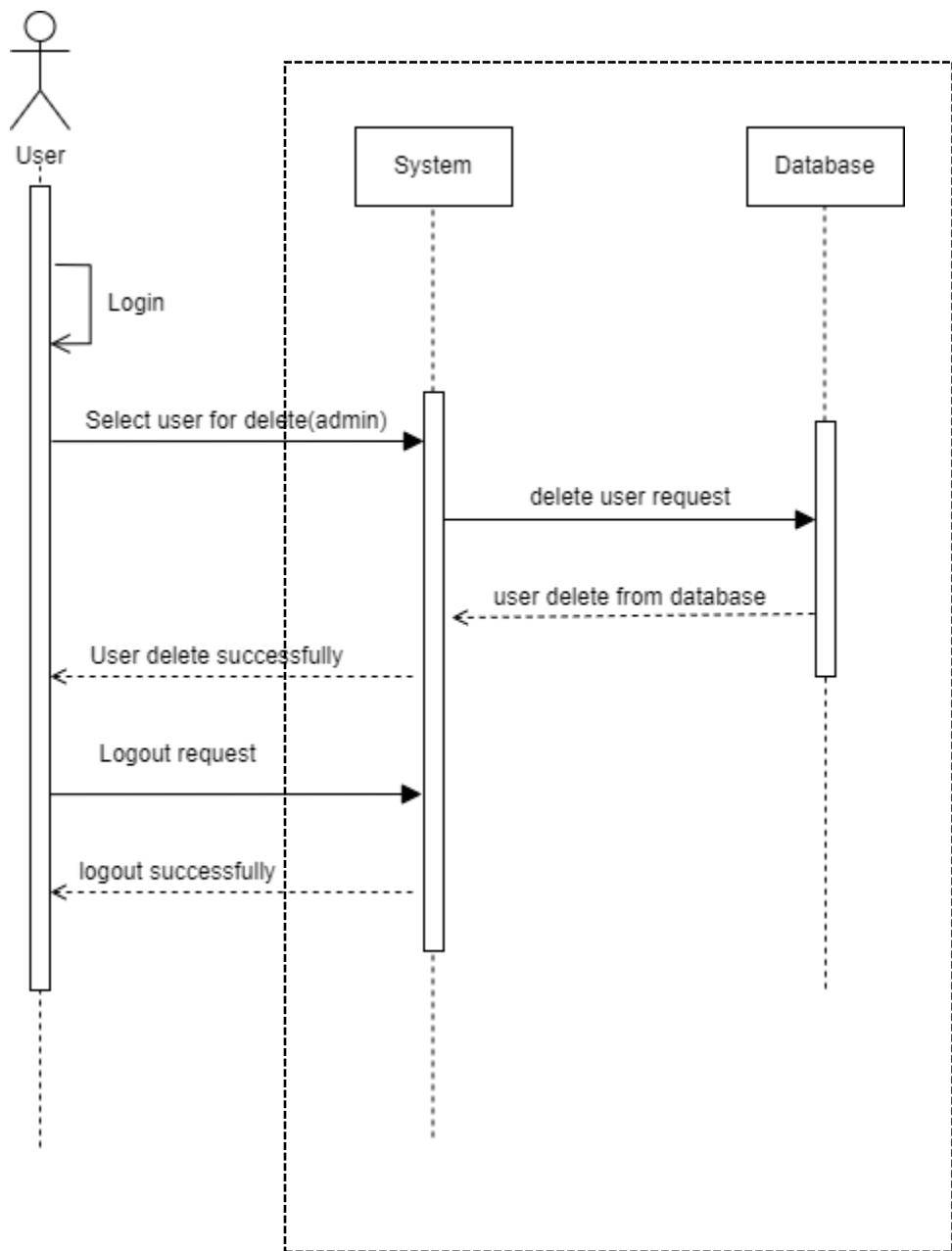
4.3.3 Logout



4.3.4 Edit profile

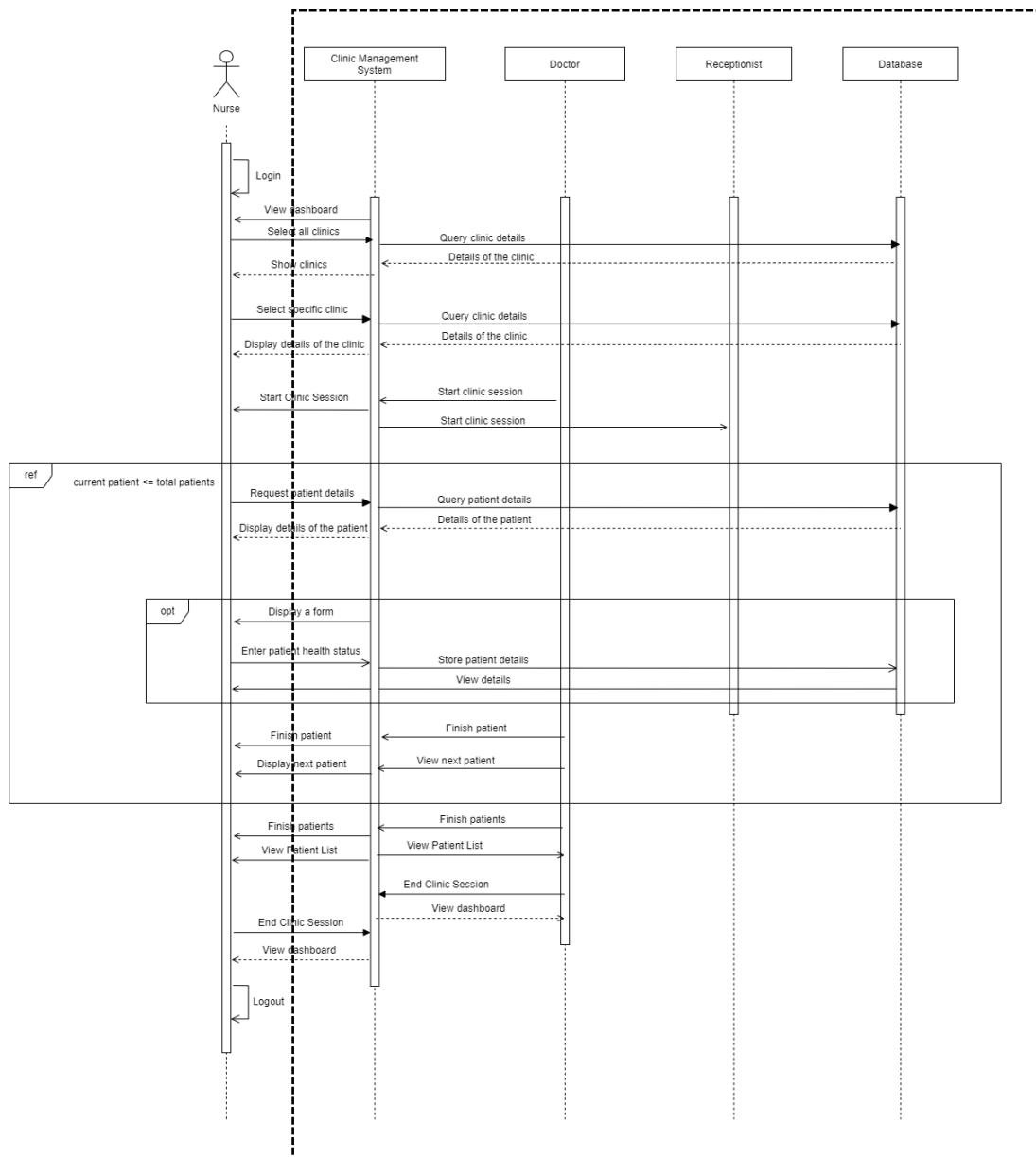


4.3.5 Delete

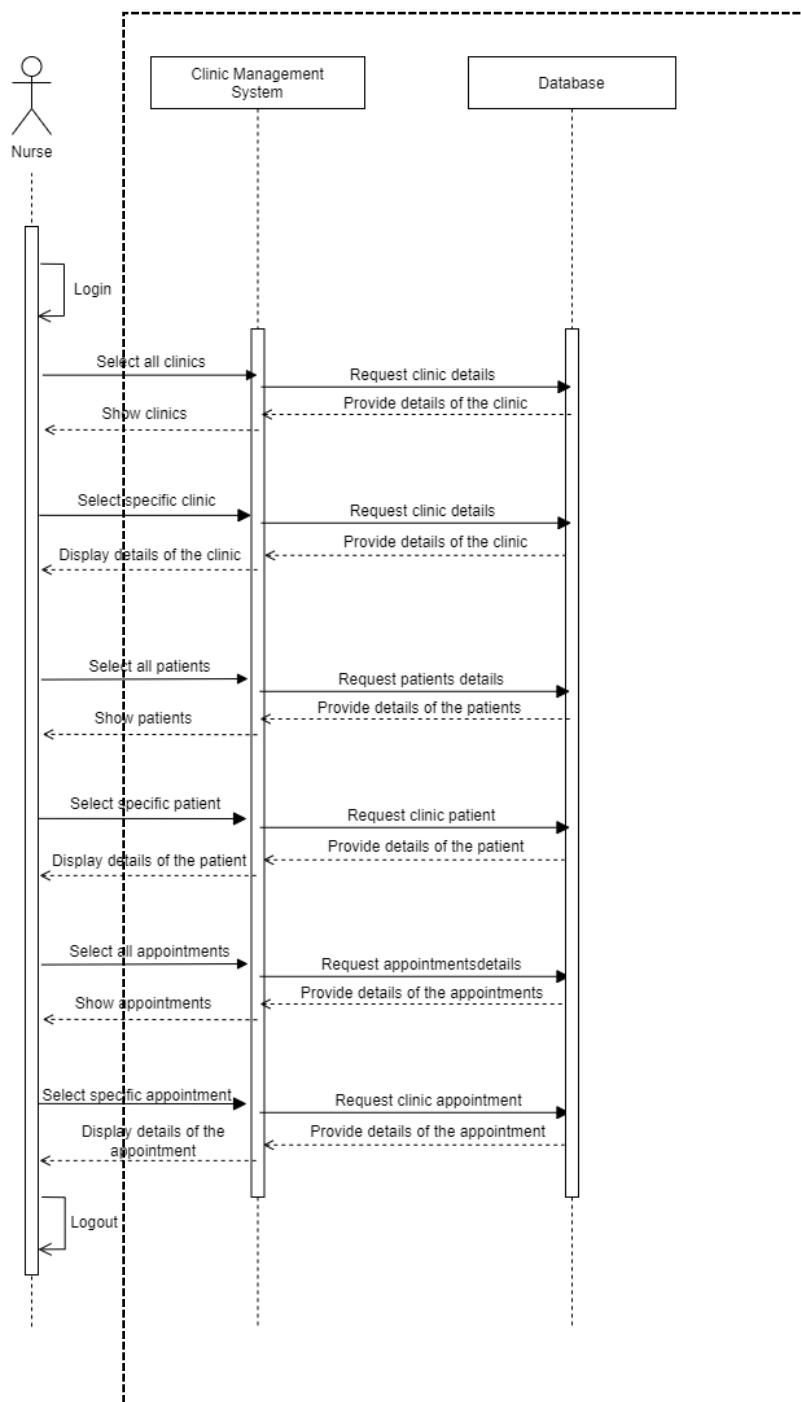


4.3.6 Nurse

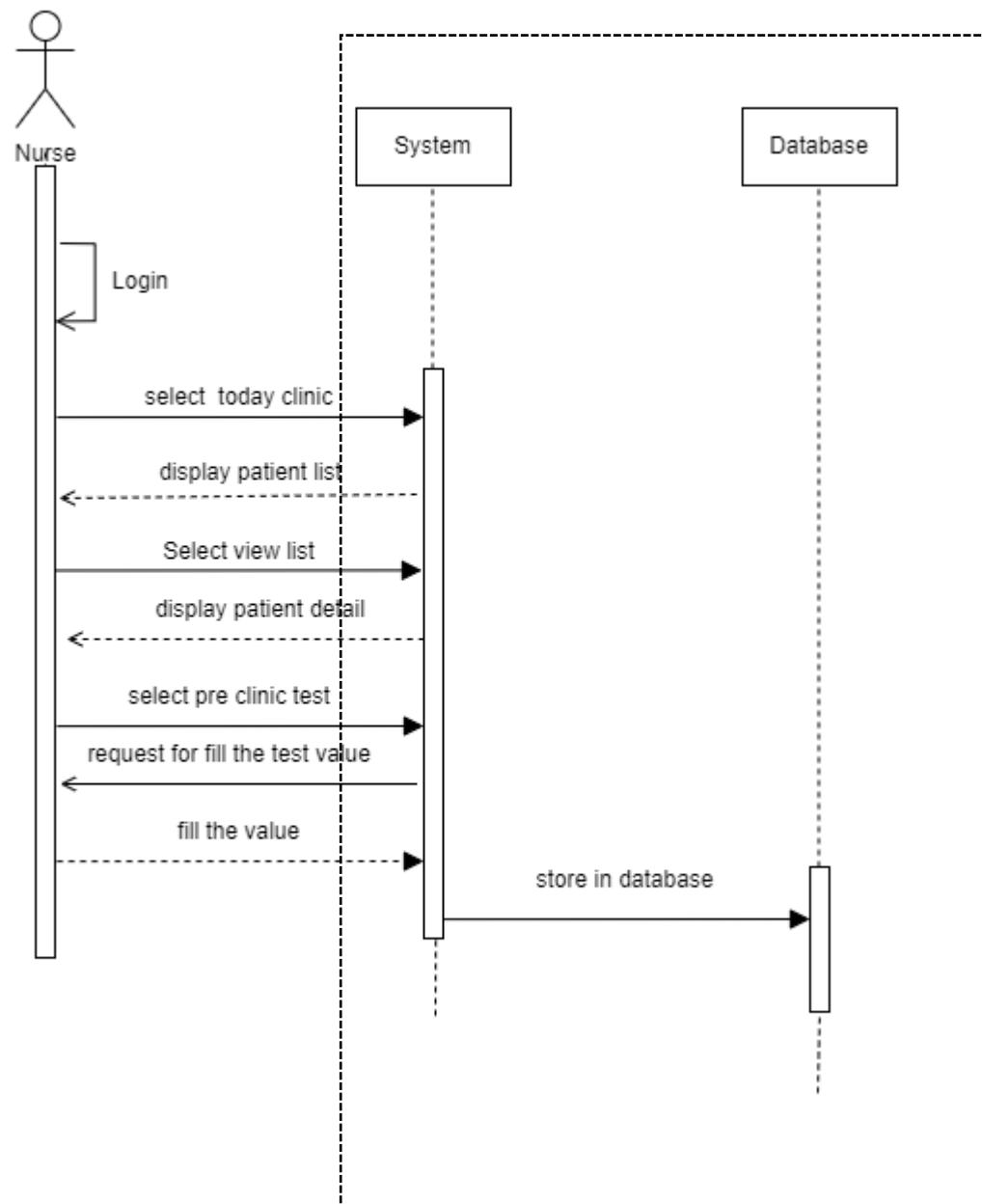
4.3.6.1 Channeling



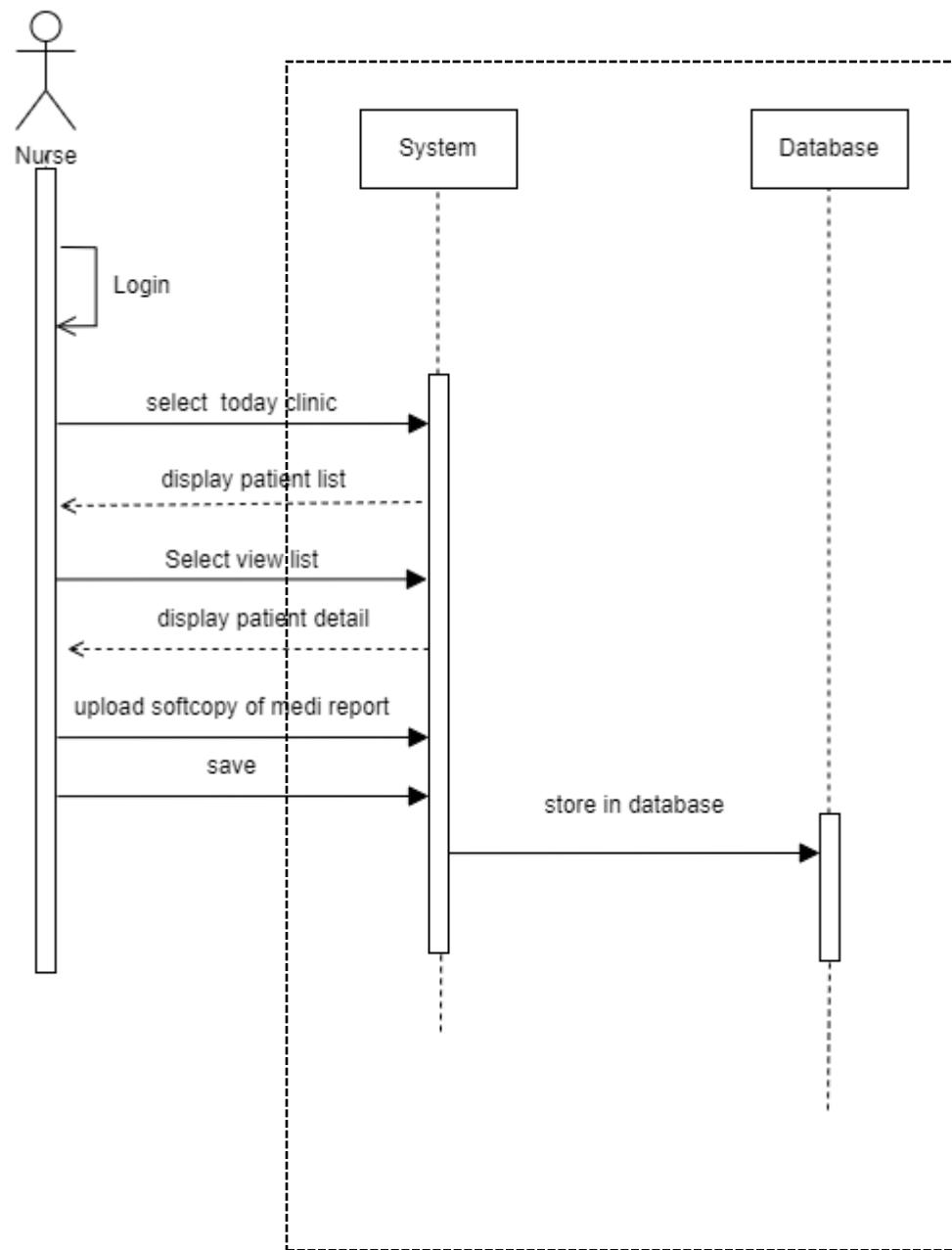
4.3.6.2 View appointment



4.3.6.3 Pre-test value

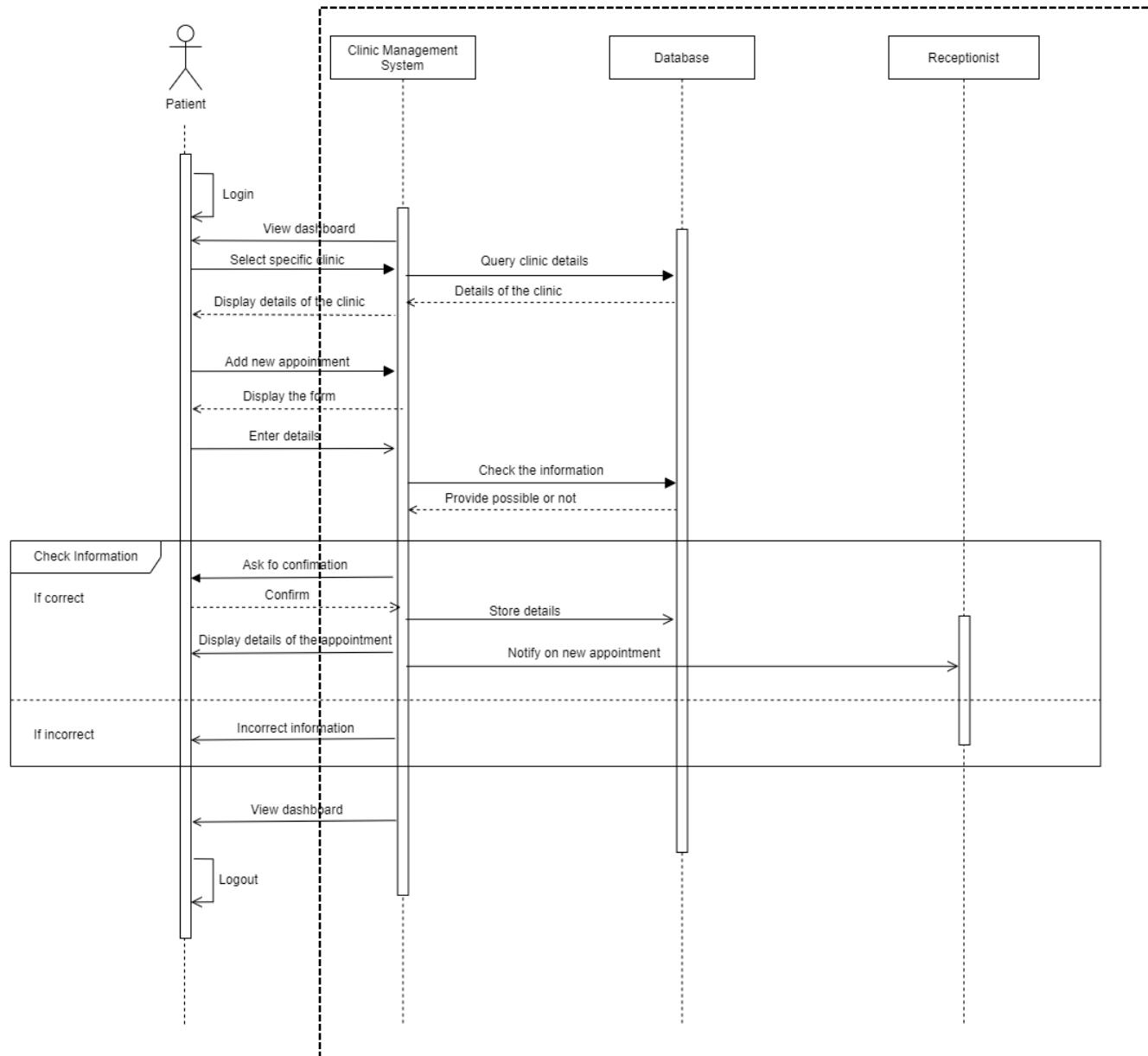


4.3.6.4 Add a soft copy of the medical report

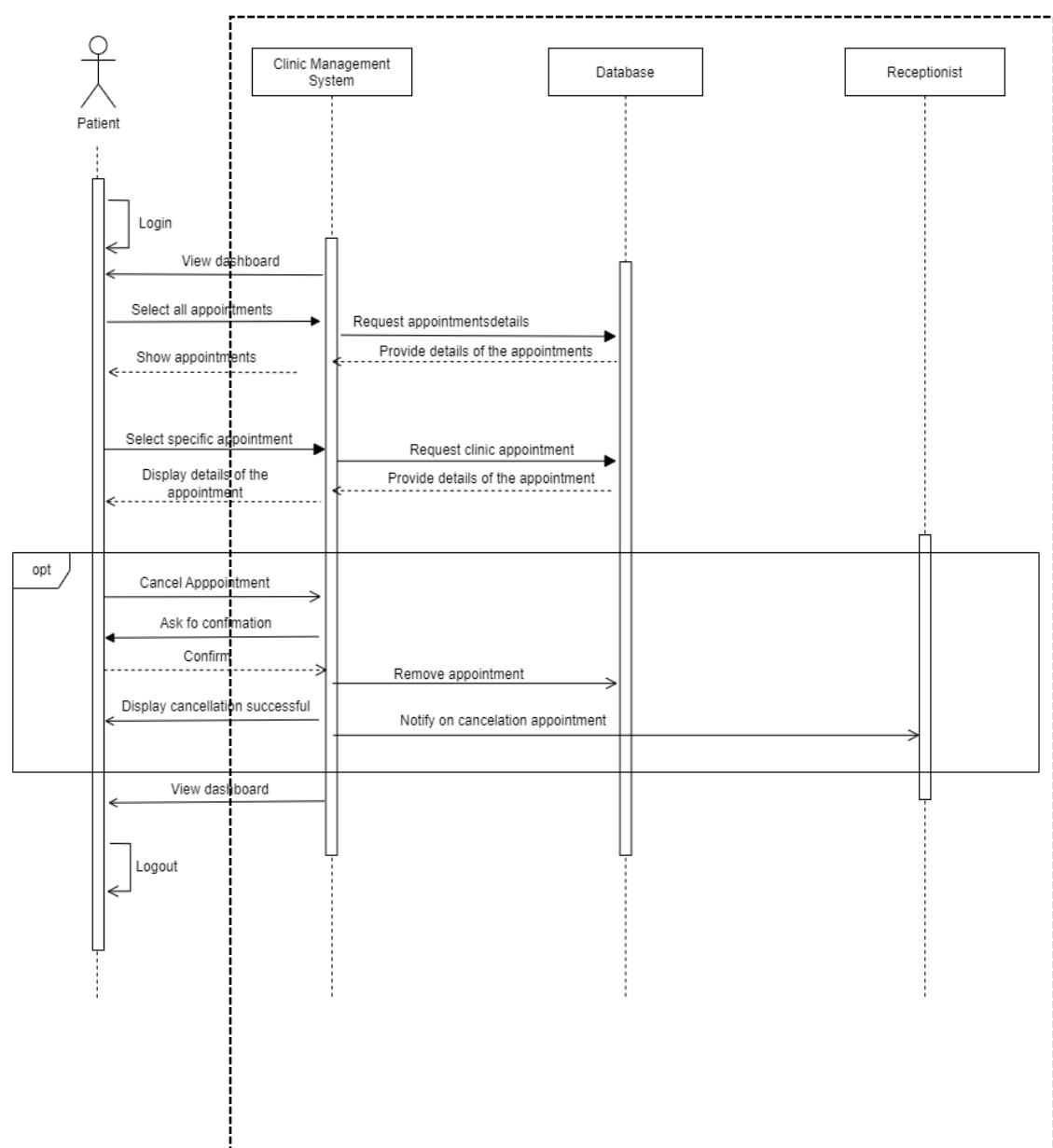


4.3.7 Patient

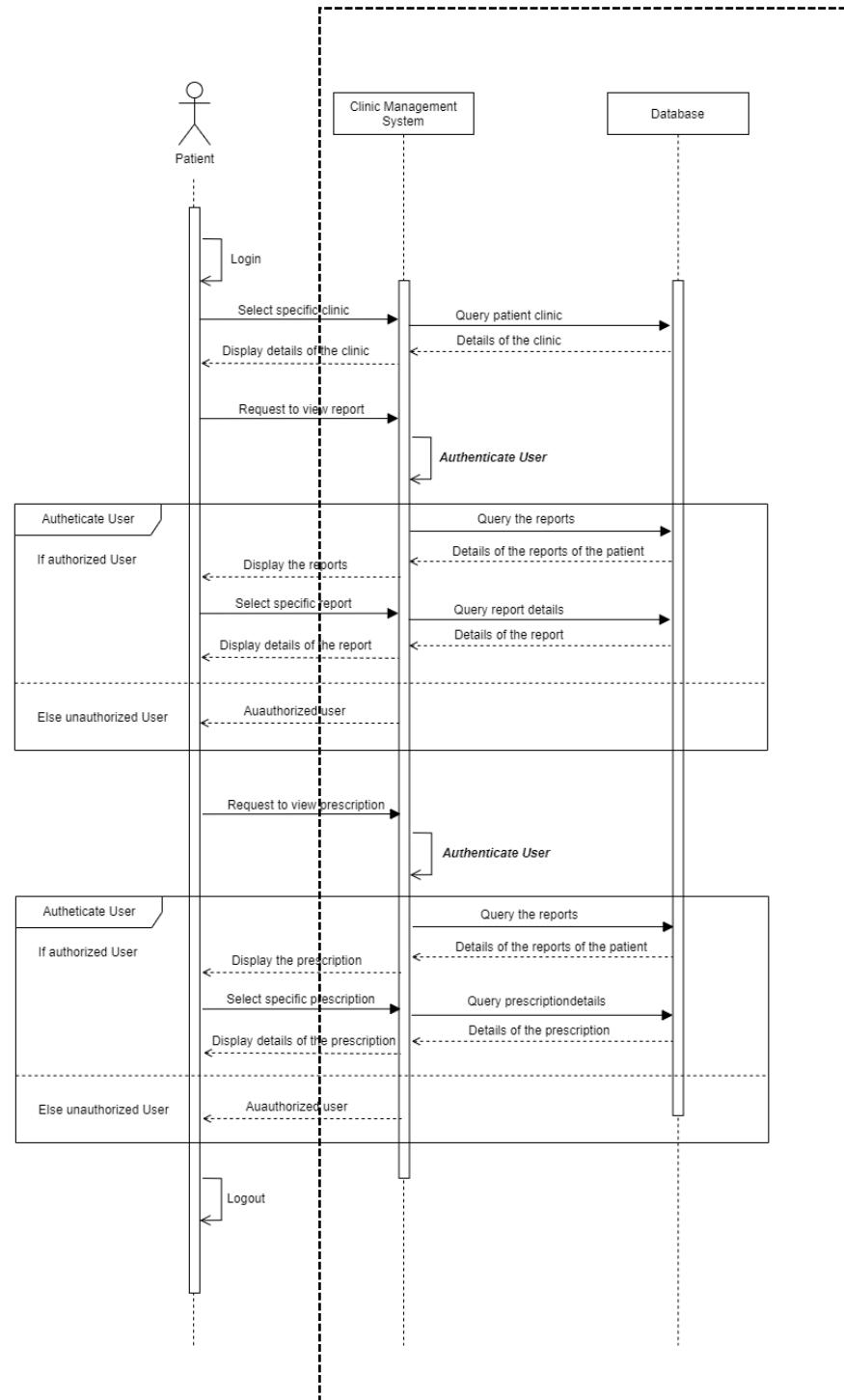
4.3.7.1 Make a new appointment



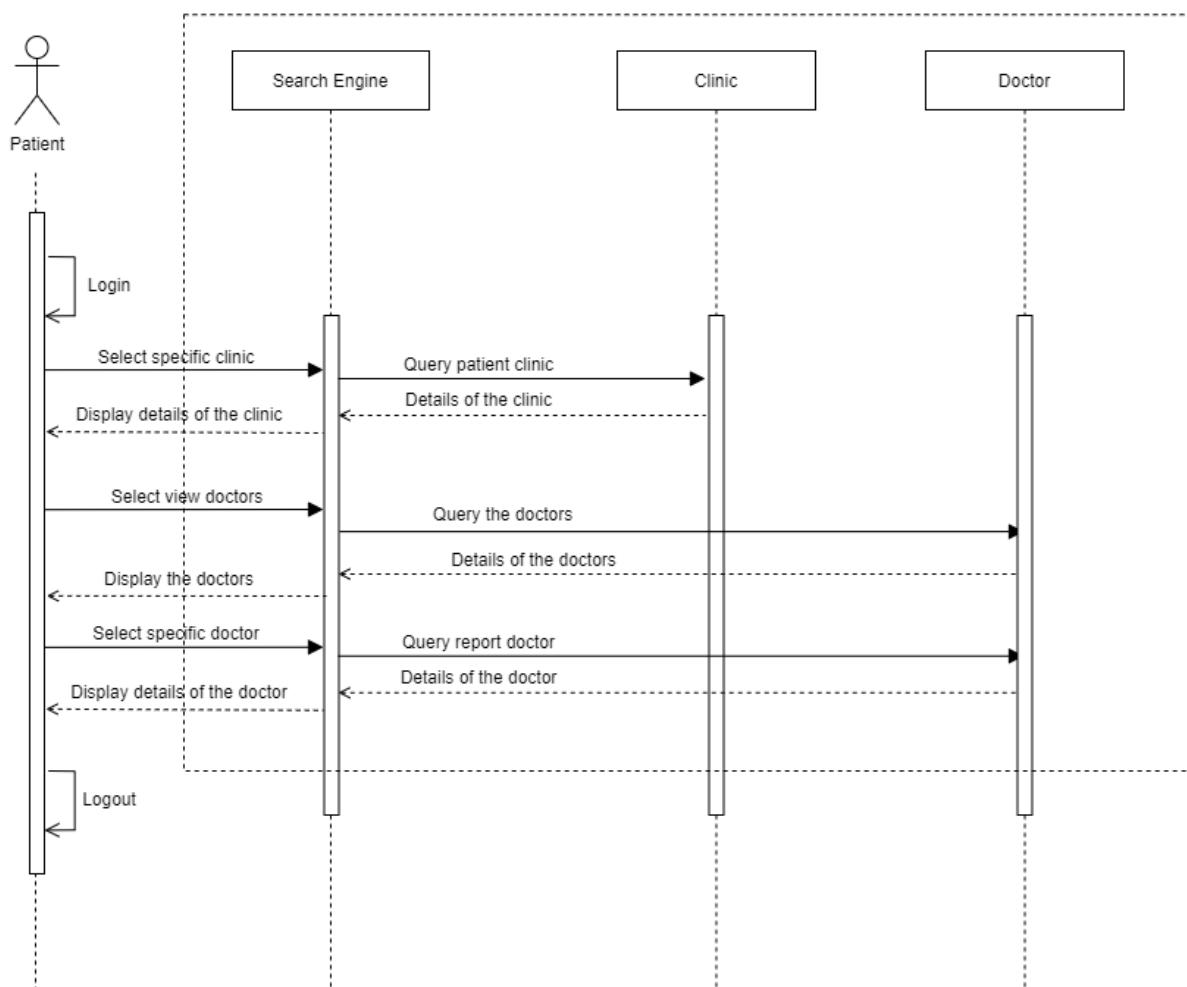
4.3.7.2 View delete appointment by patient



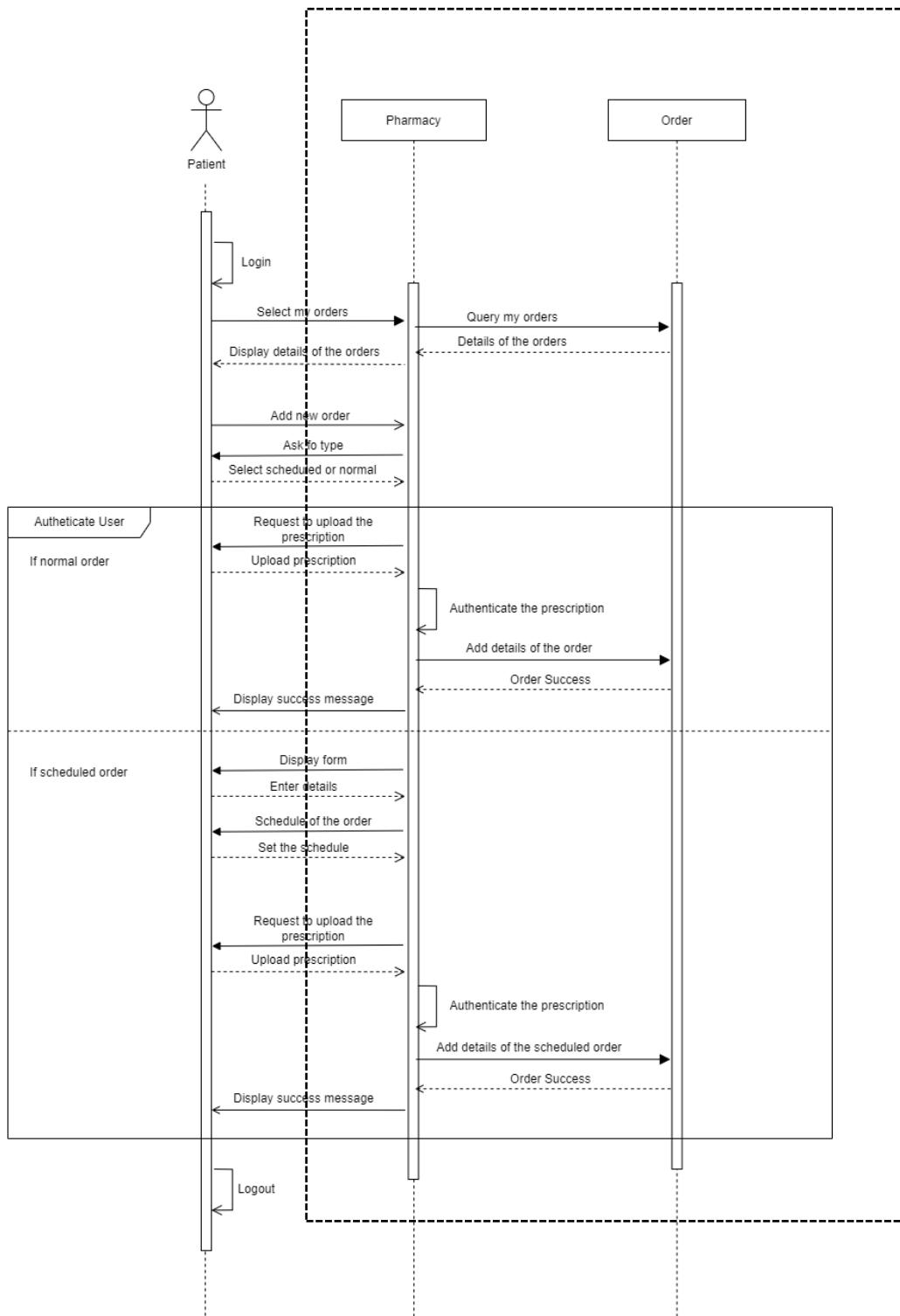
4.3.7.3 Access report and prescription



4.3.7.4 View doctor detail

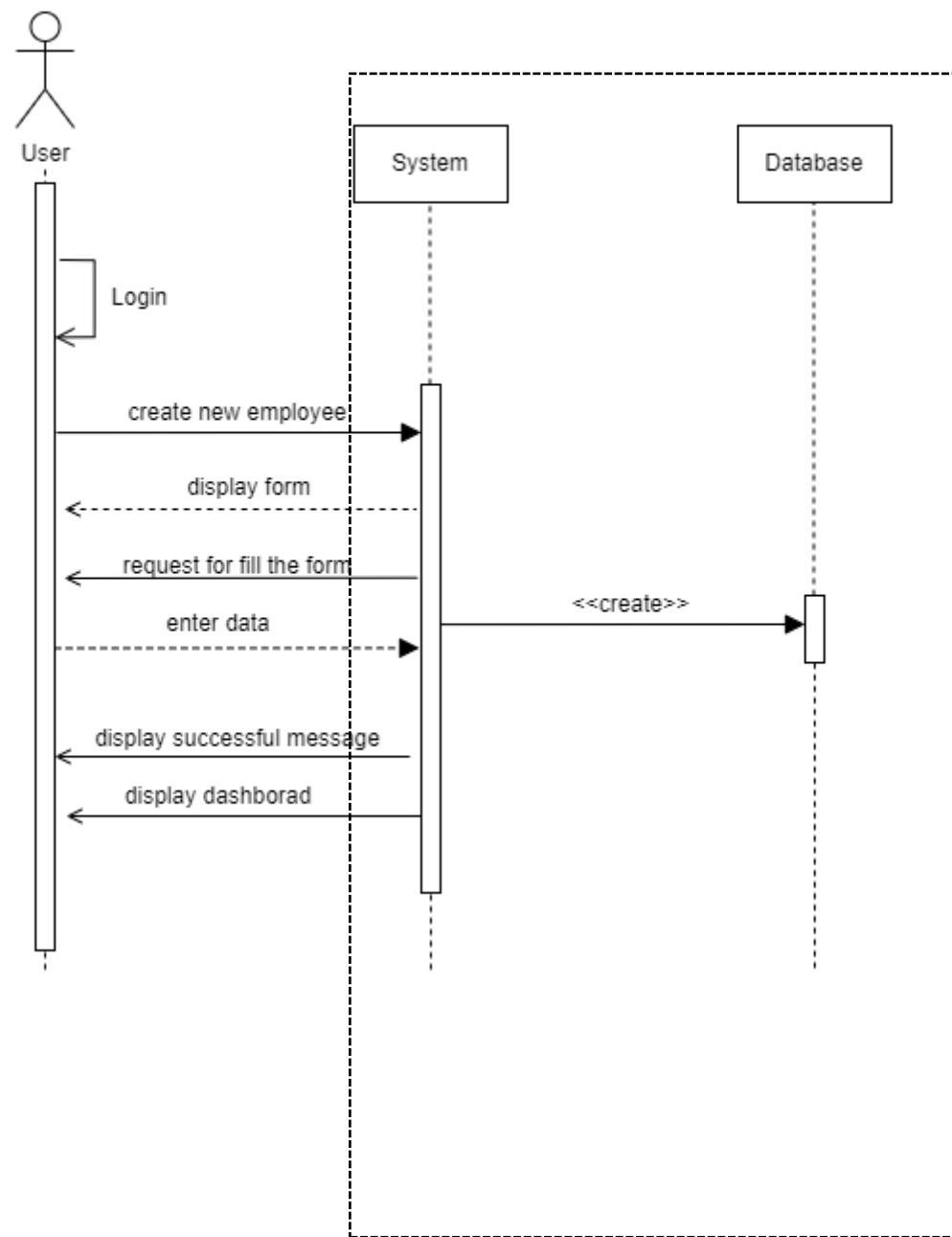


4.3.7.5 Order Medicine

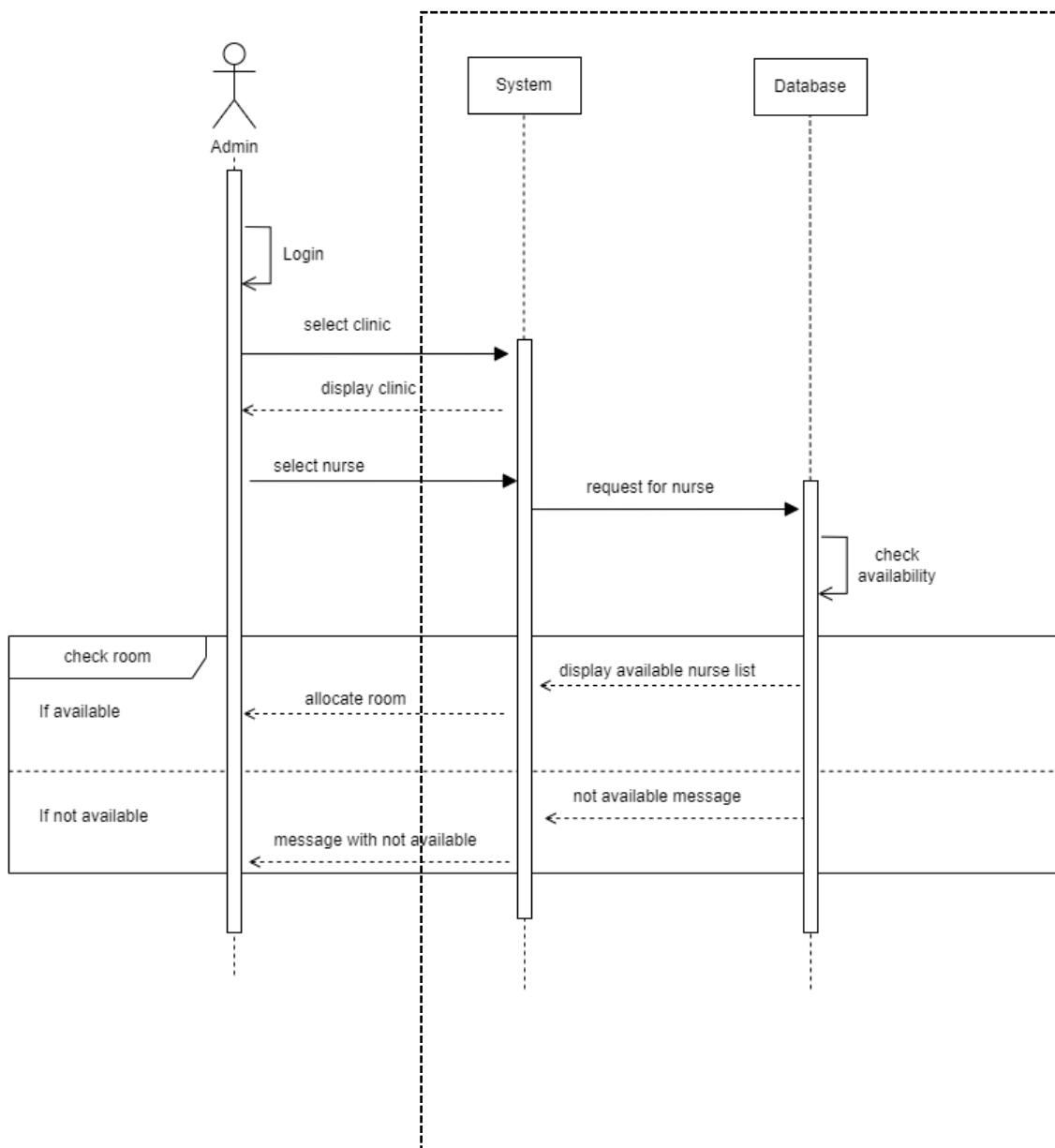


4.3.8 Admin

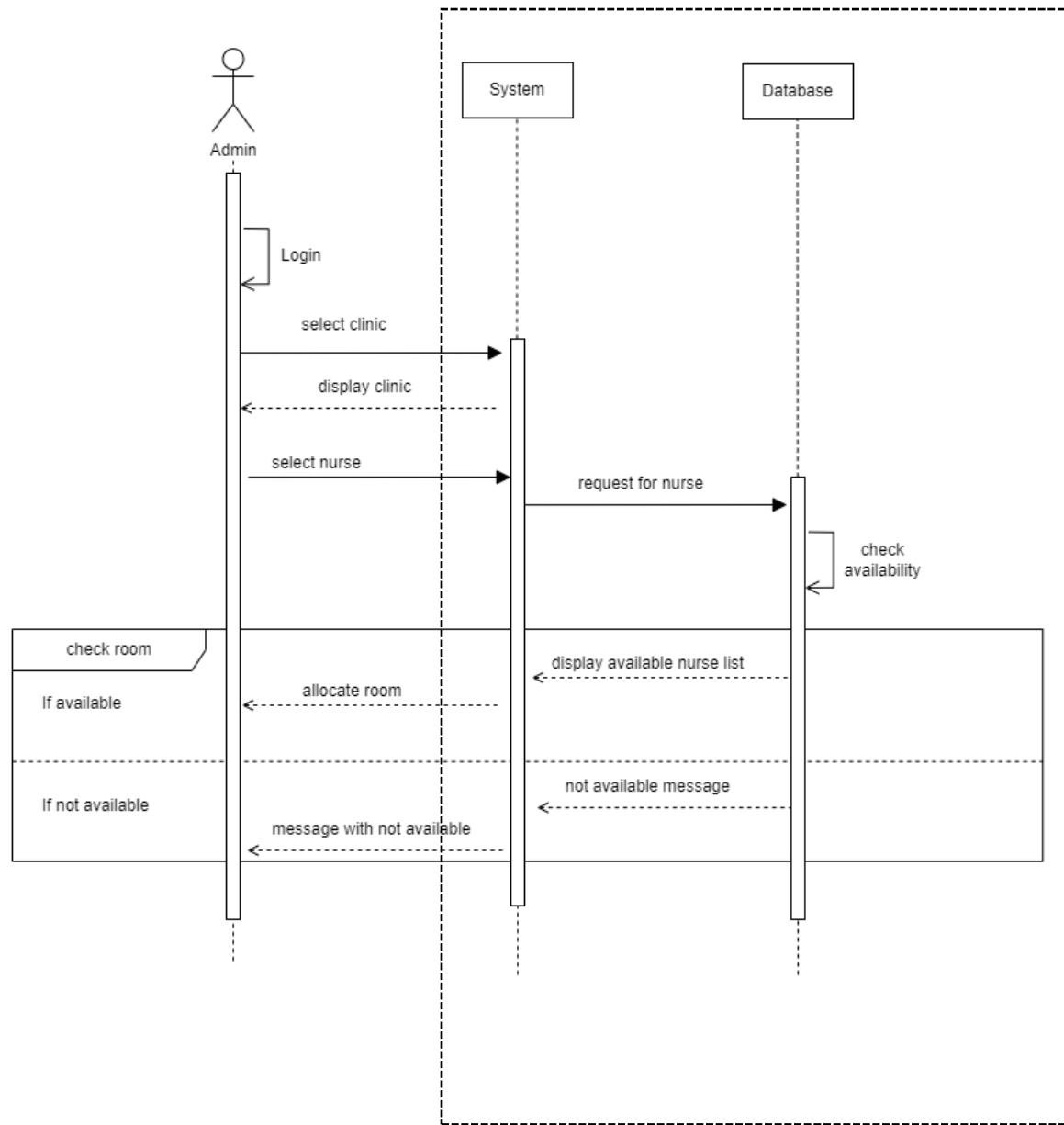
4.3.8.1 Set appointment



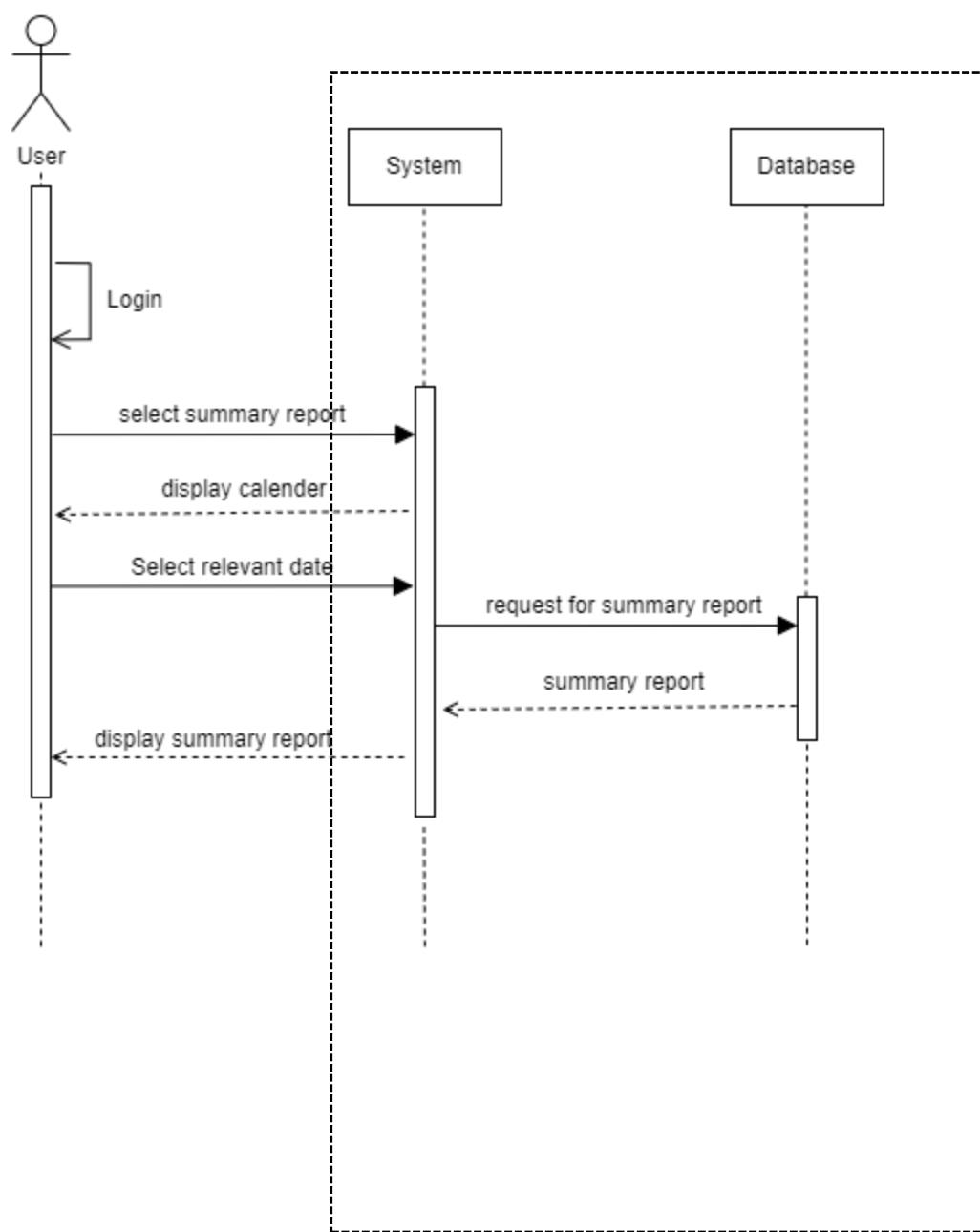
4.3.8.2 Allocate room



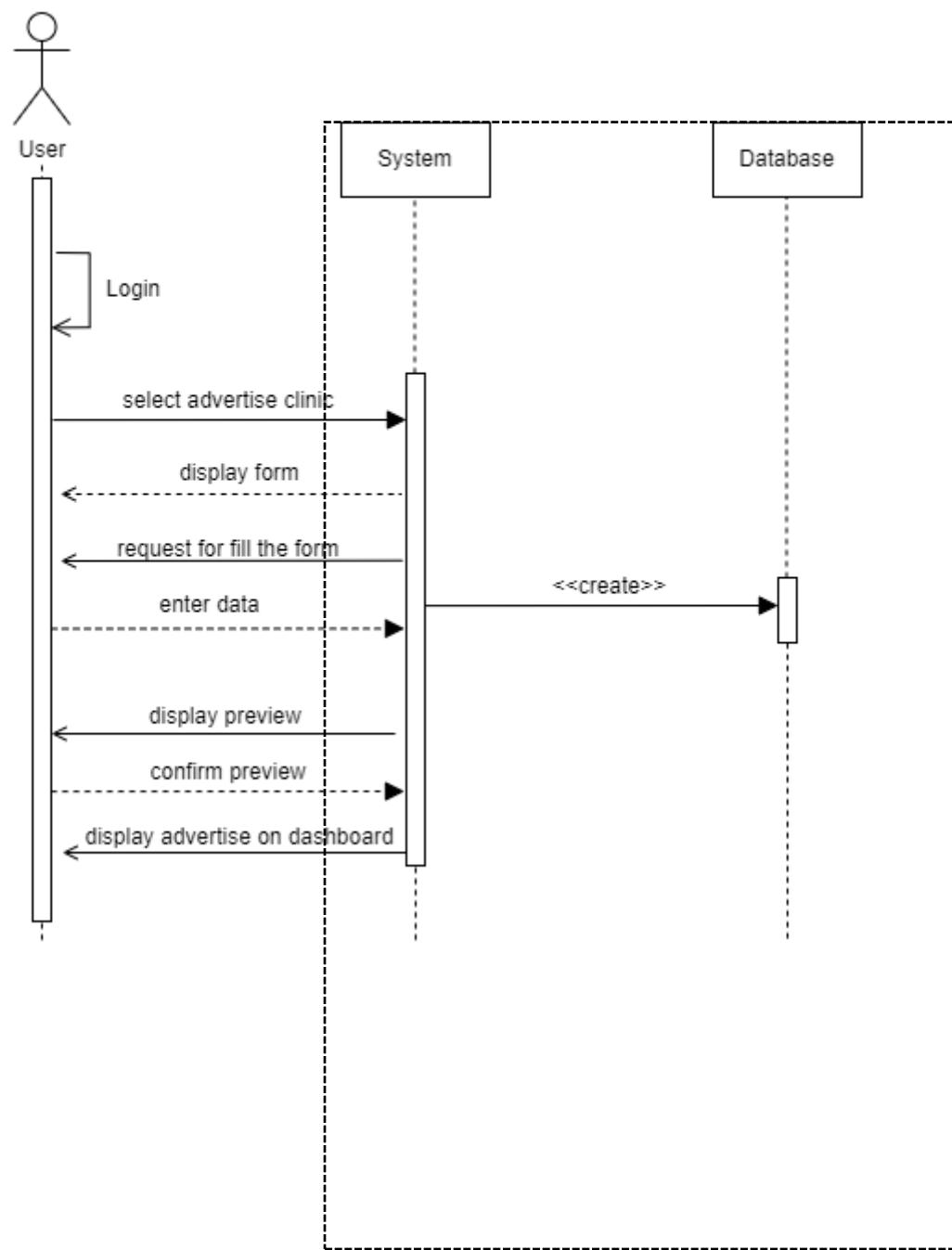
4.3.8.3 Allocate nurse



4.3.8.4 Summary report

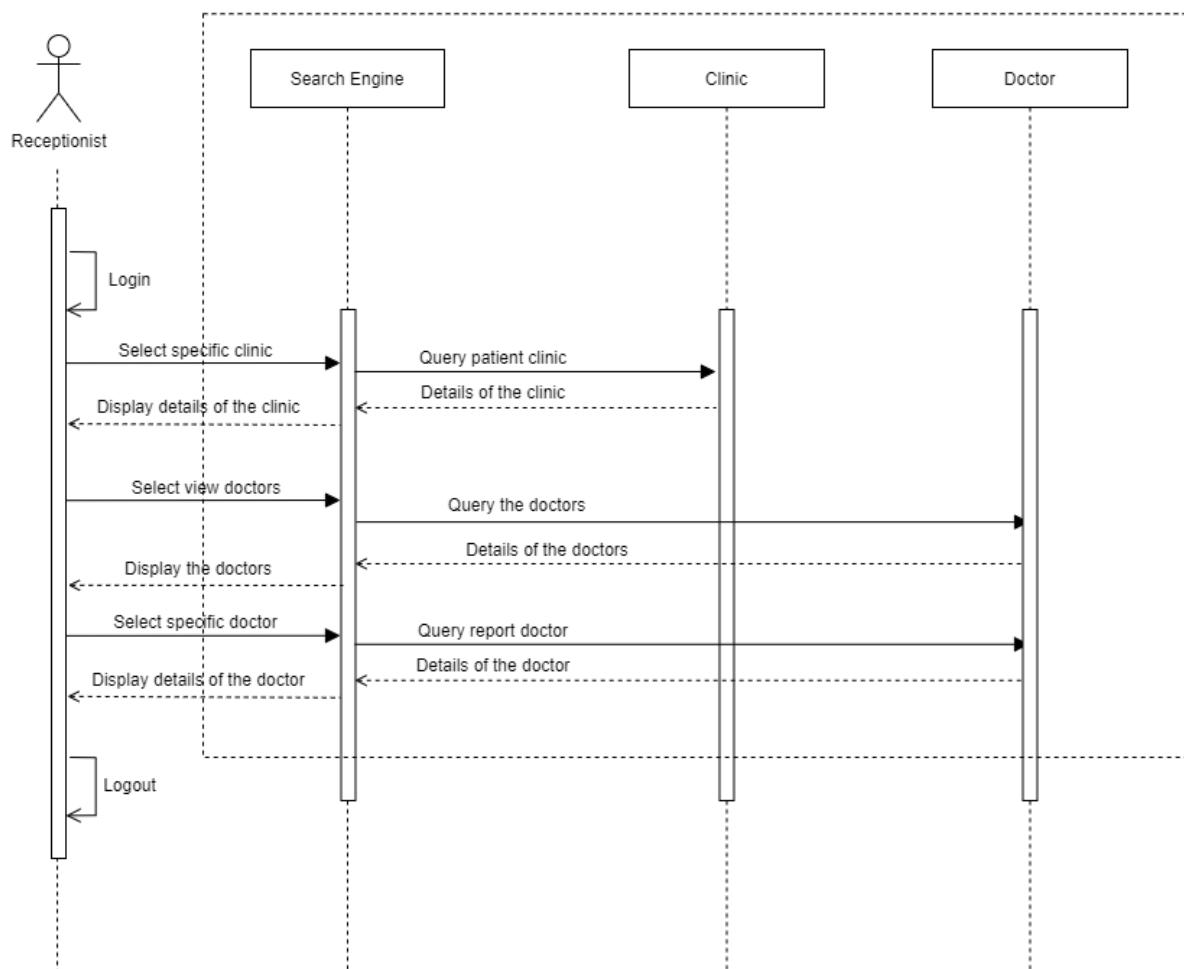


4.3.8.5 Advertise channeling

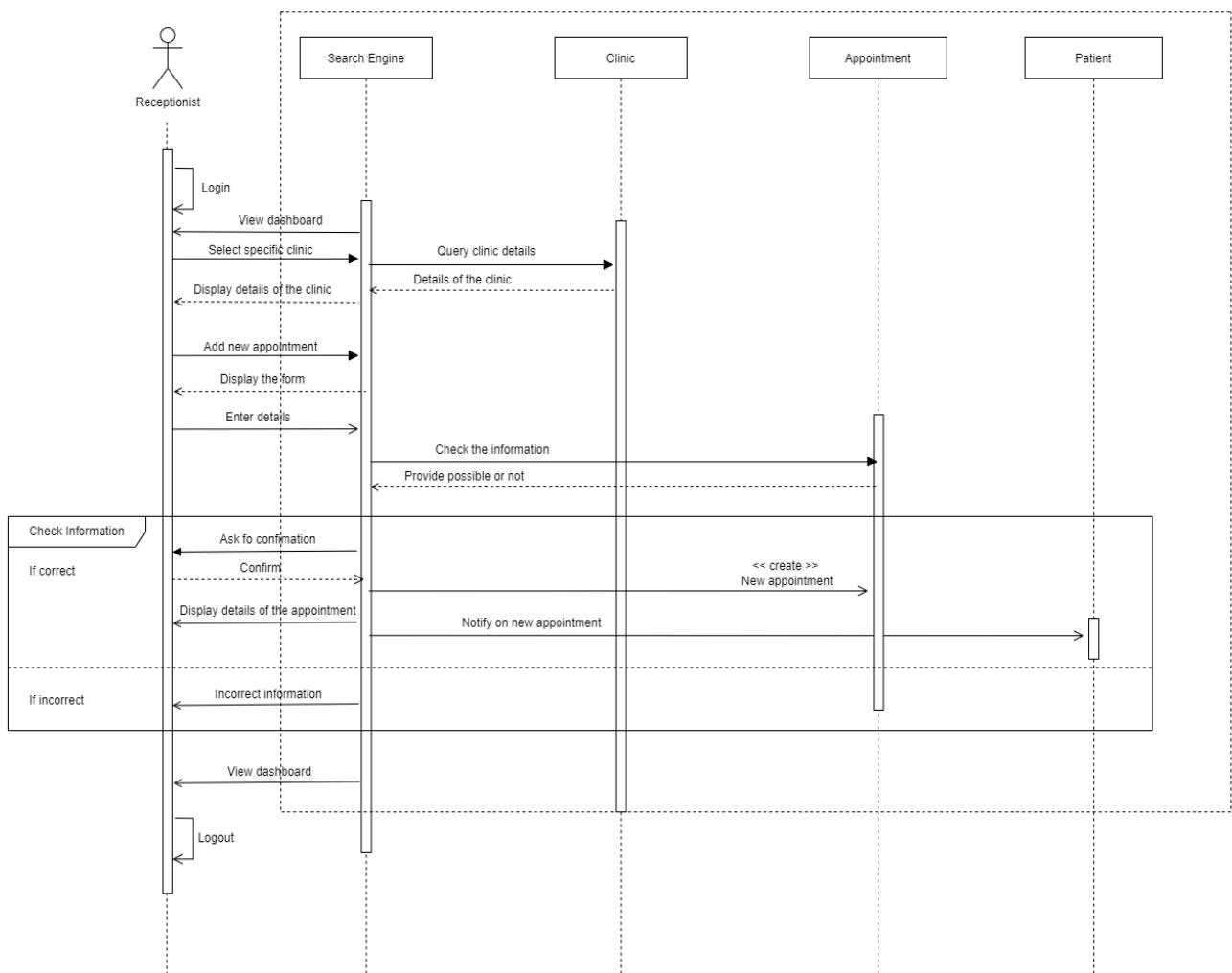


4.3.9 Receptionist

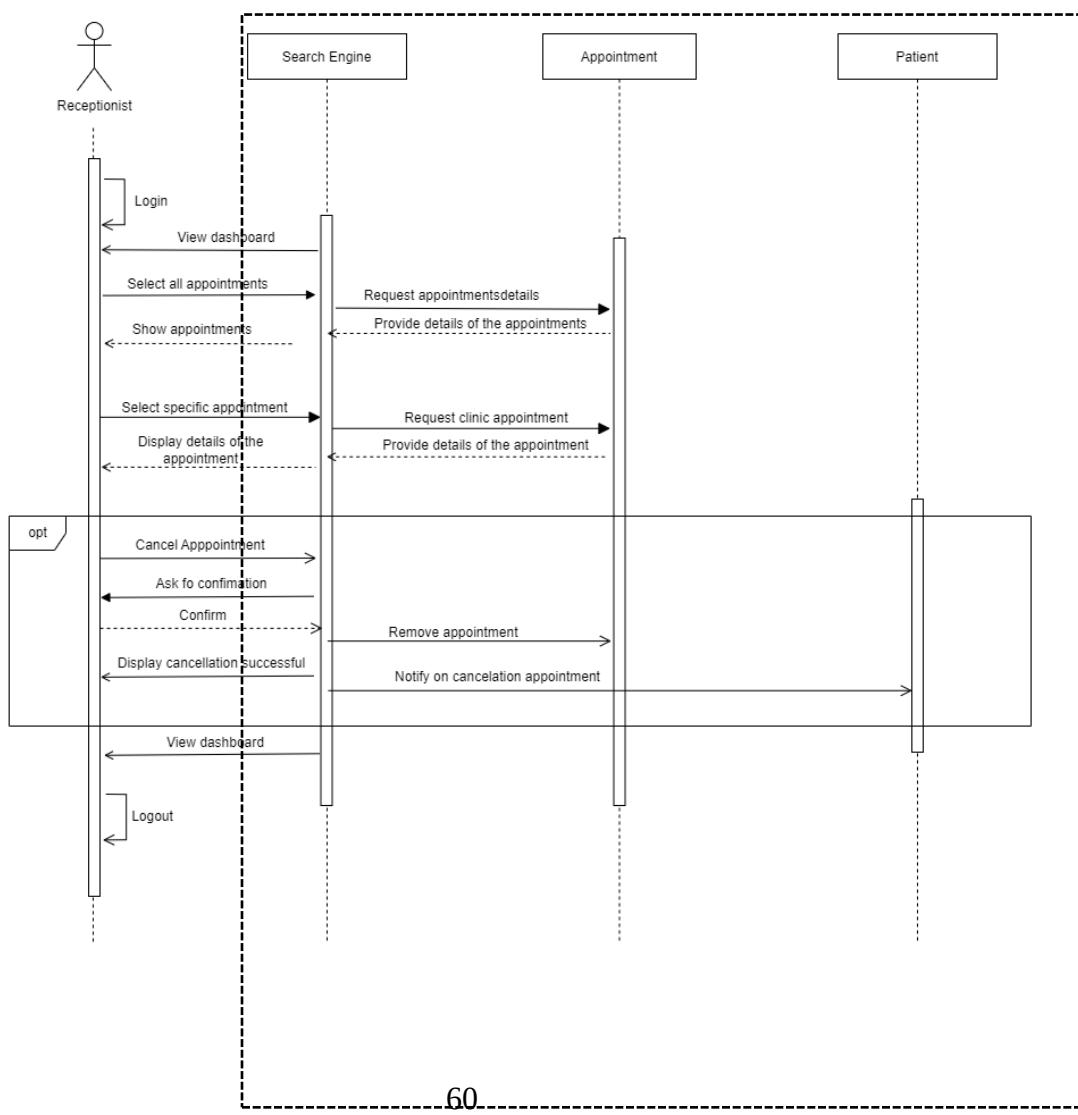
4.3.9.1 View doctor detail



4.3.9.2 Make new appointment

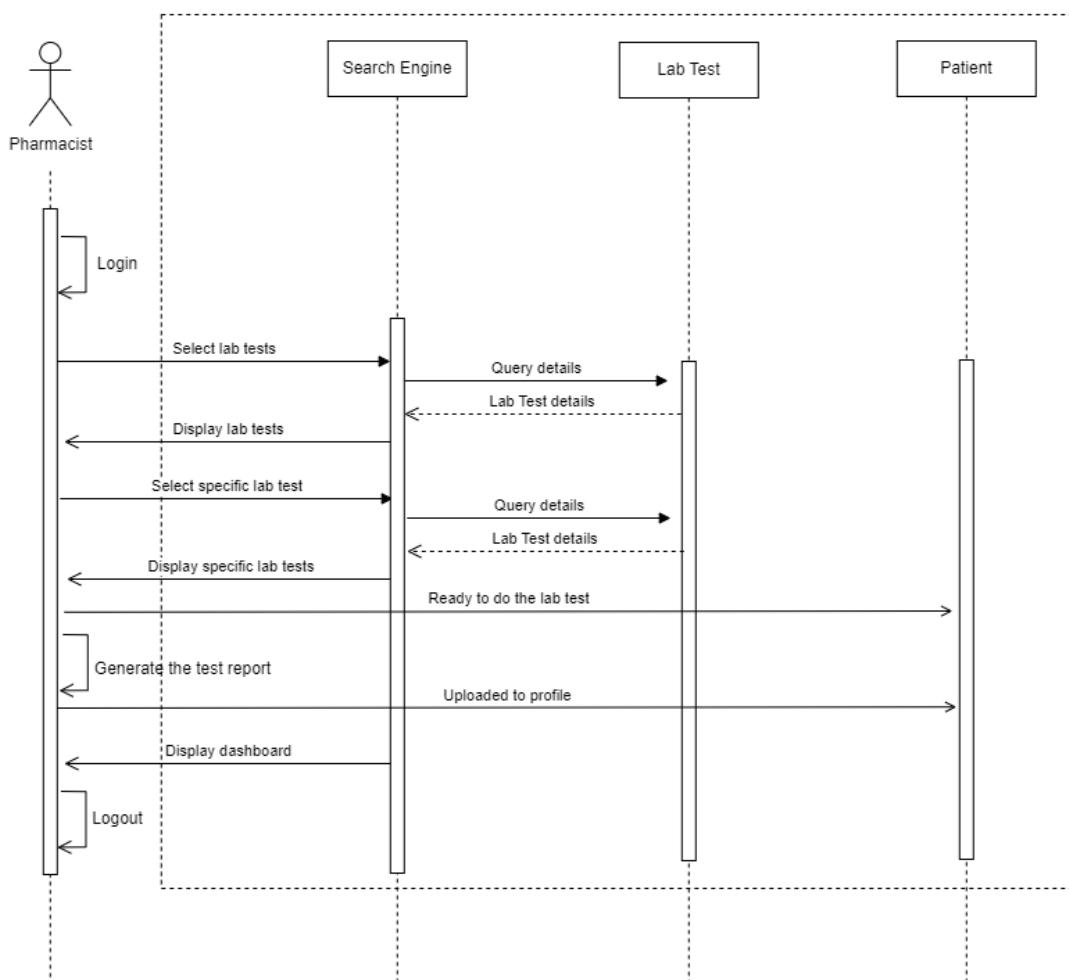


4.3.9.3 View, delete appointment

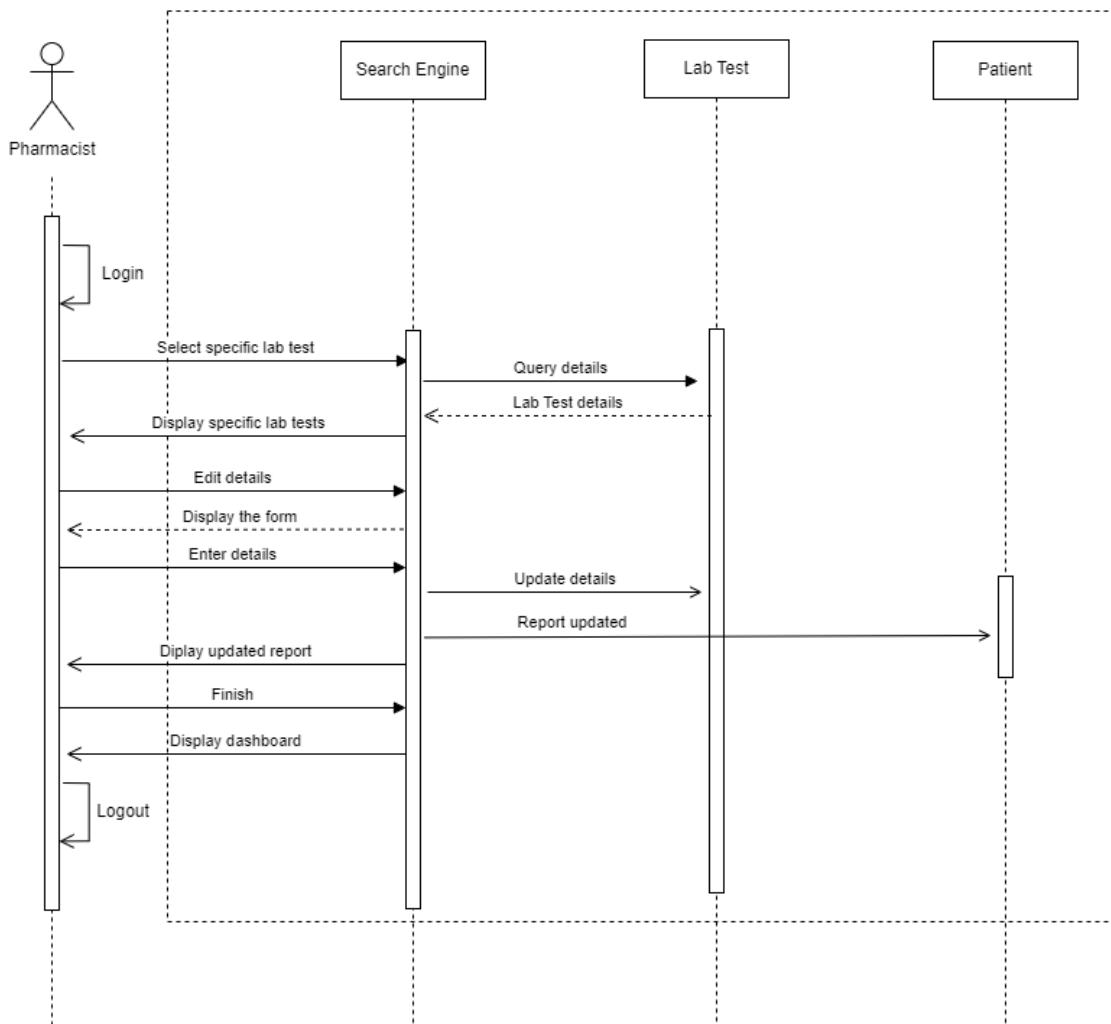


4.3.10. Laboratory

4.3.10.1 Lab test

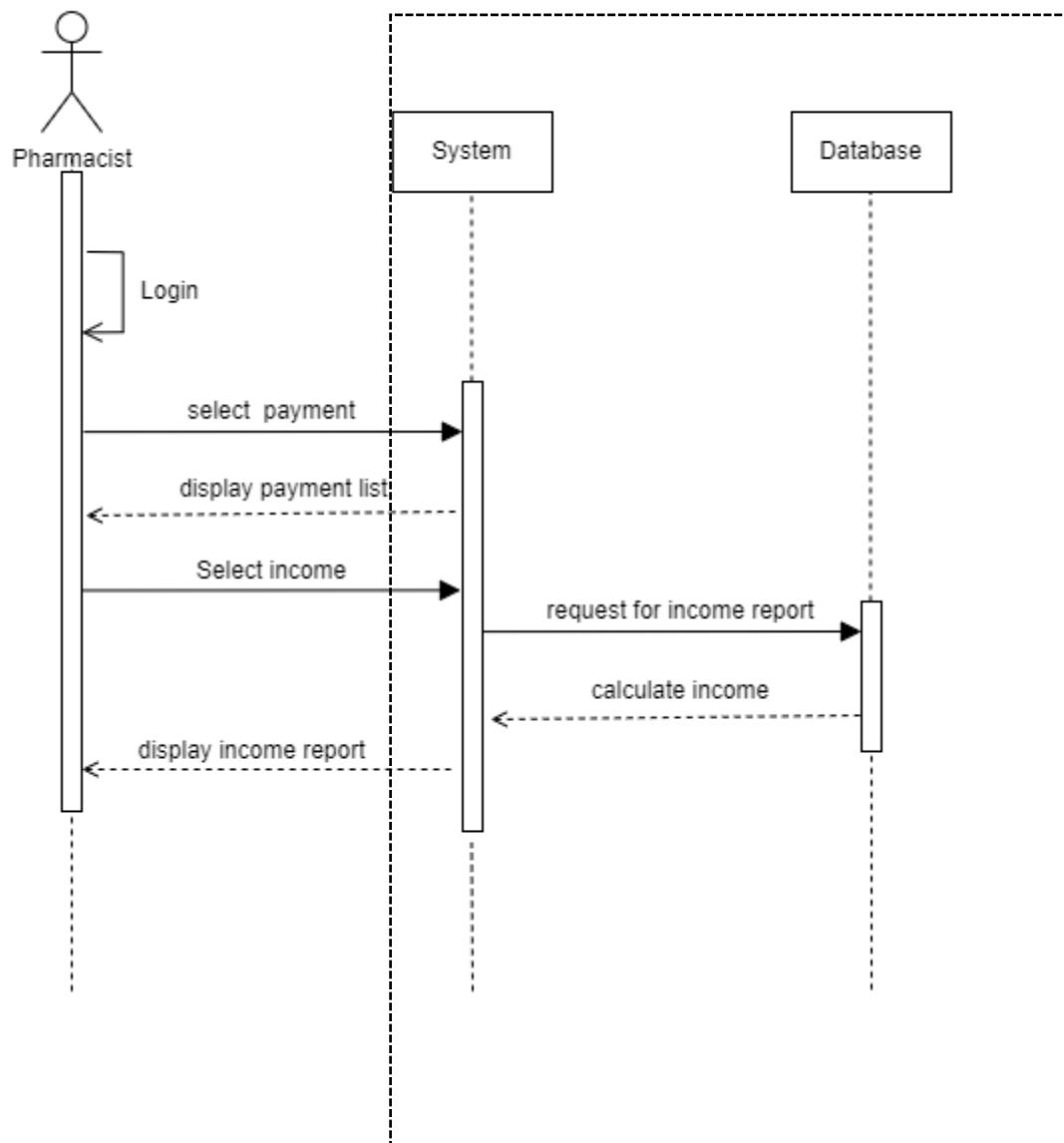


4.3.10.2 Edit lab test

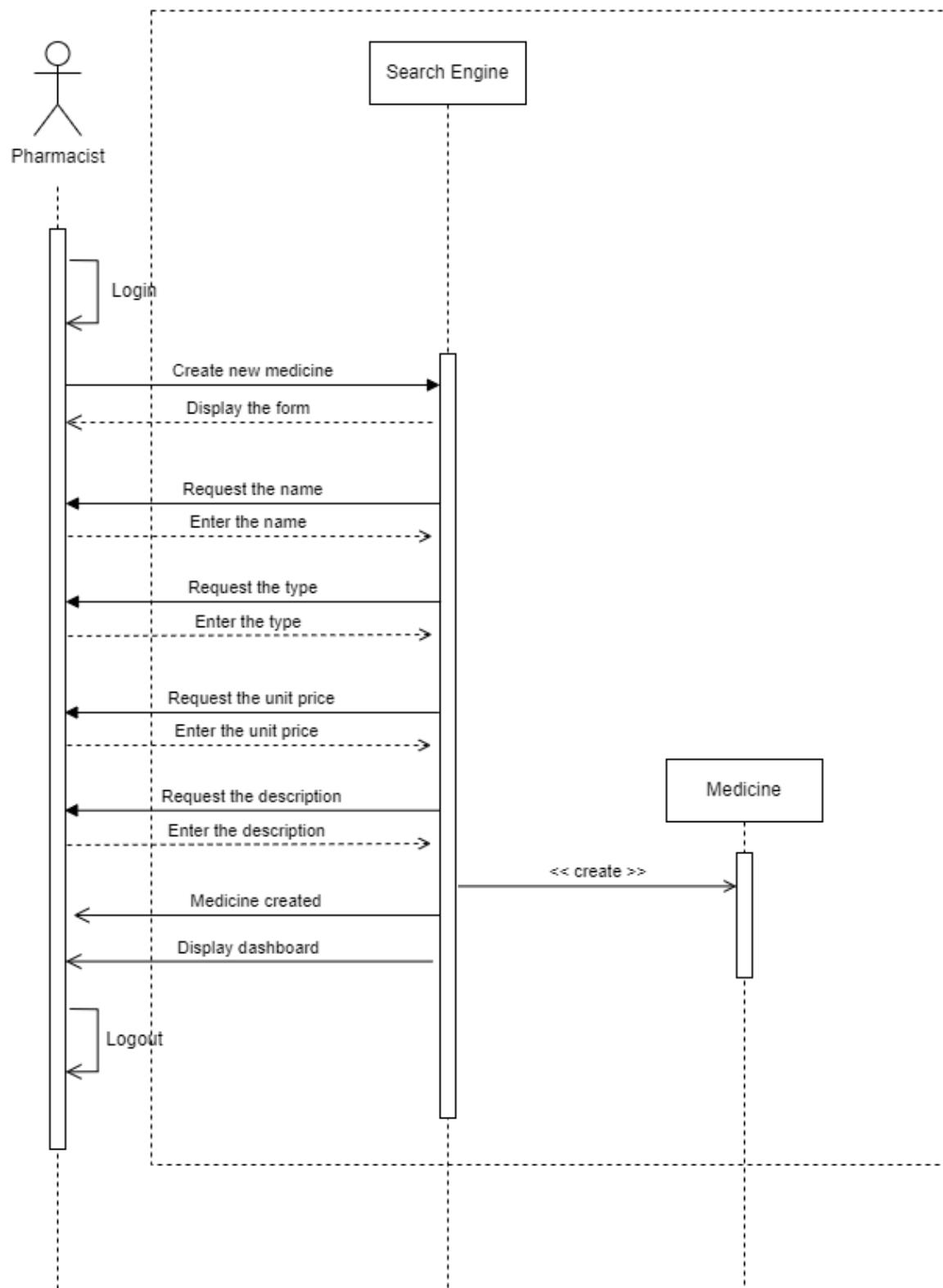


4.3.11 Pharmacist

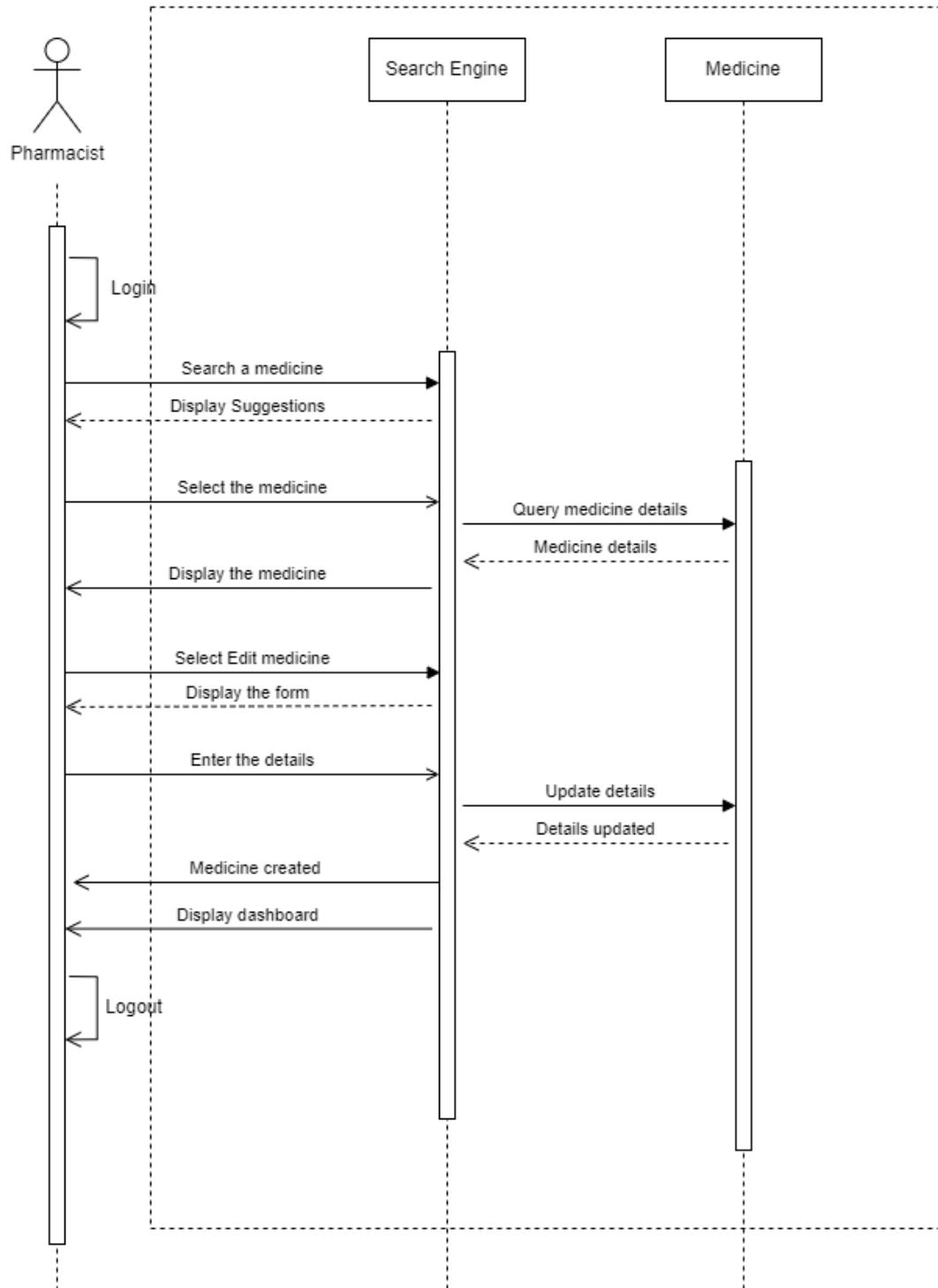
4.3.11.1 Calculate income



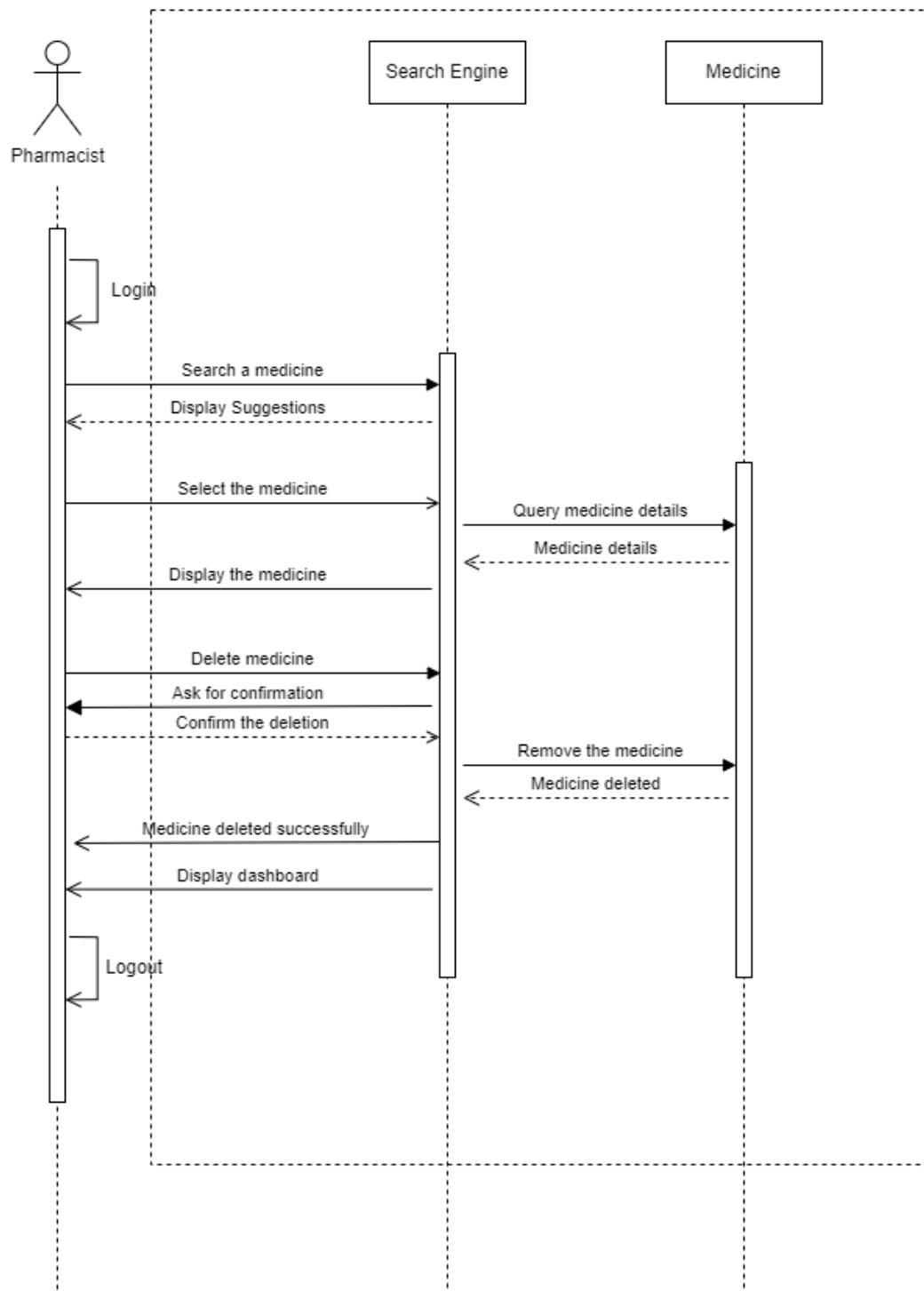
4.3.11.2 Add new medicine



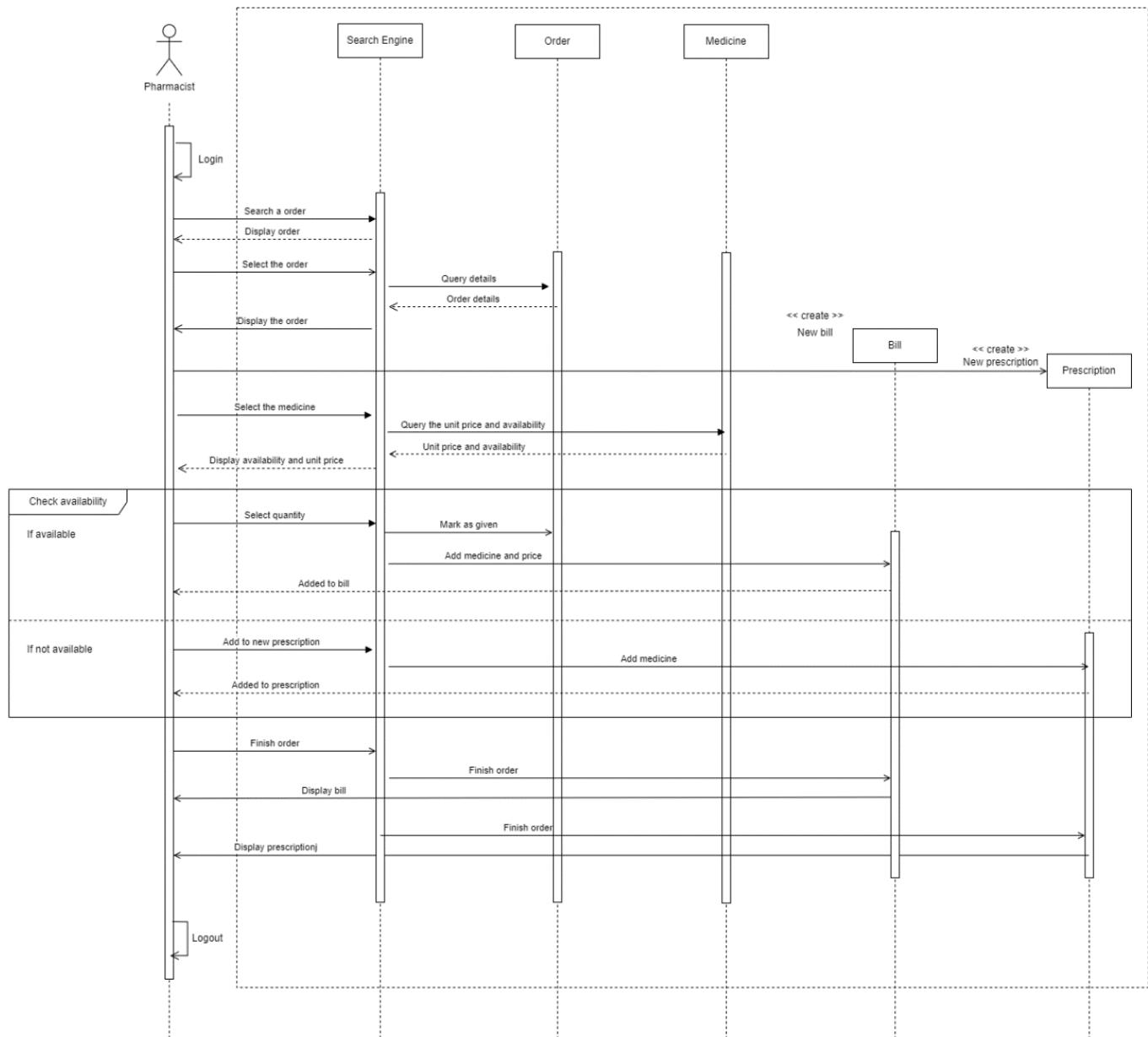
4.3.11.3 View, update medicine



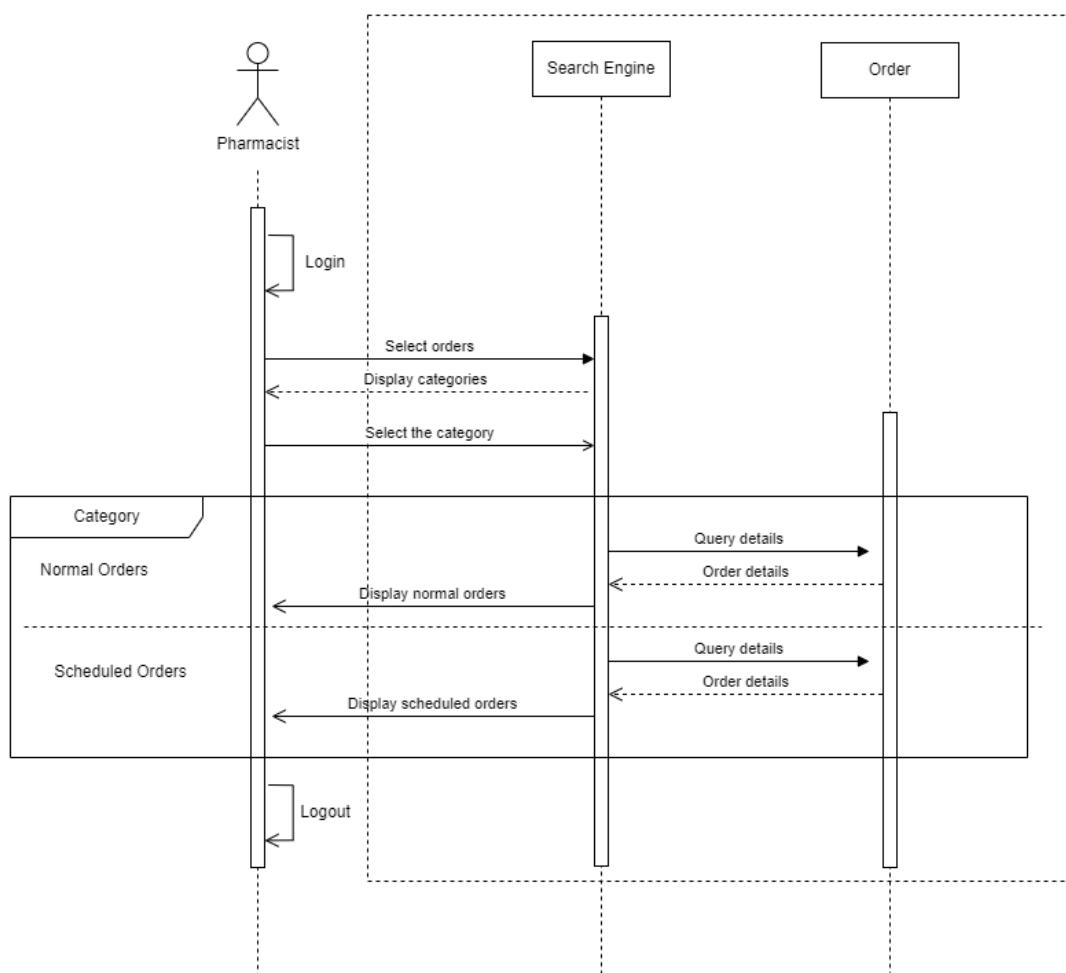
4.3.11.4 Delete medicine



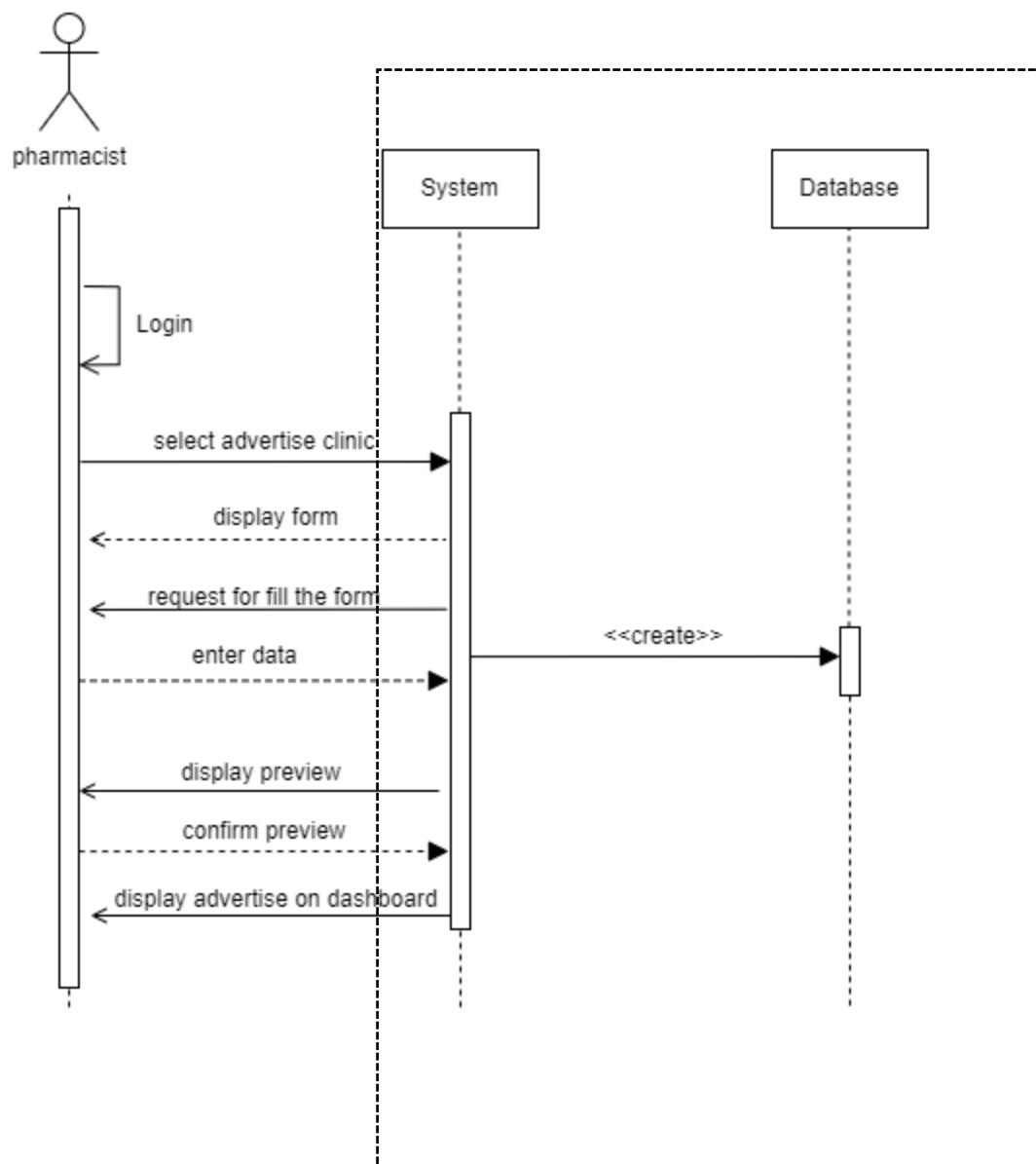
4.3.11.5 Orders



4.3.11.6 View orders

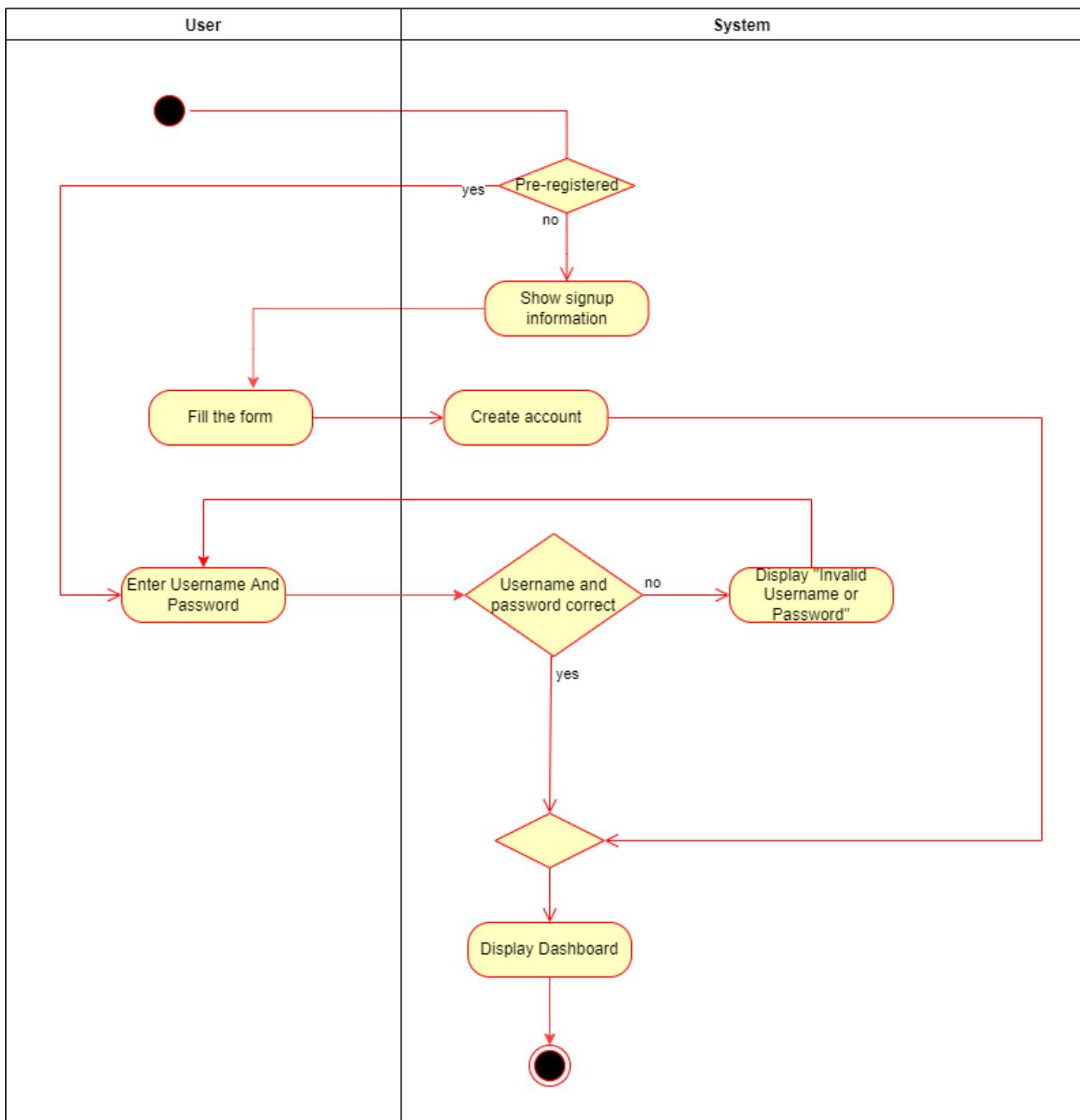


4.3.11.7 Advertise medicine

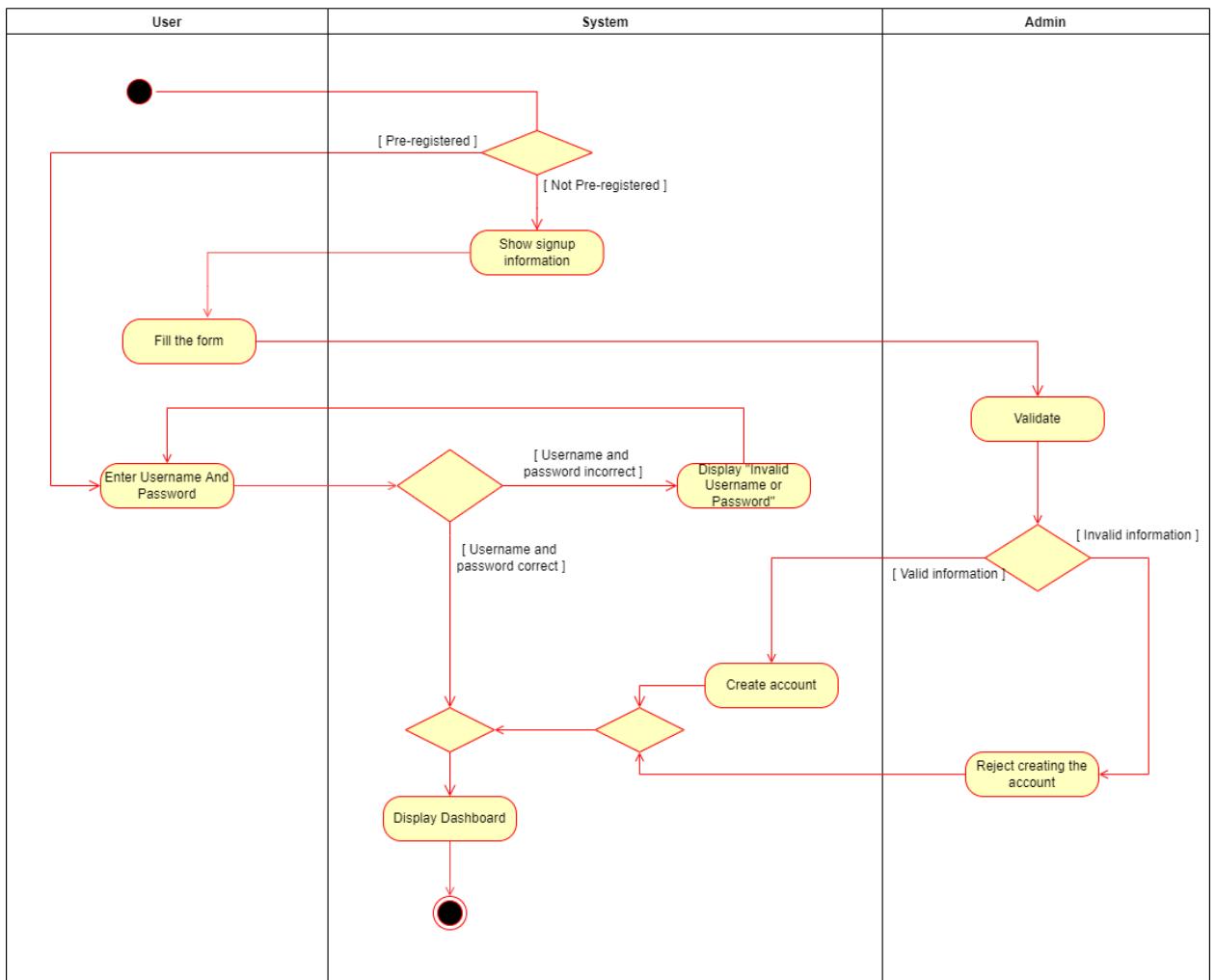


4.4 Activity diagrams

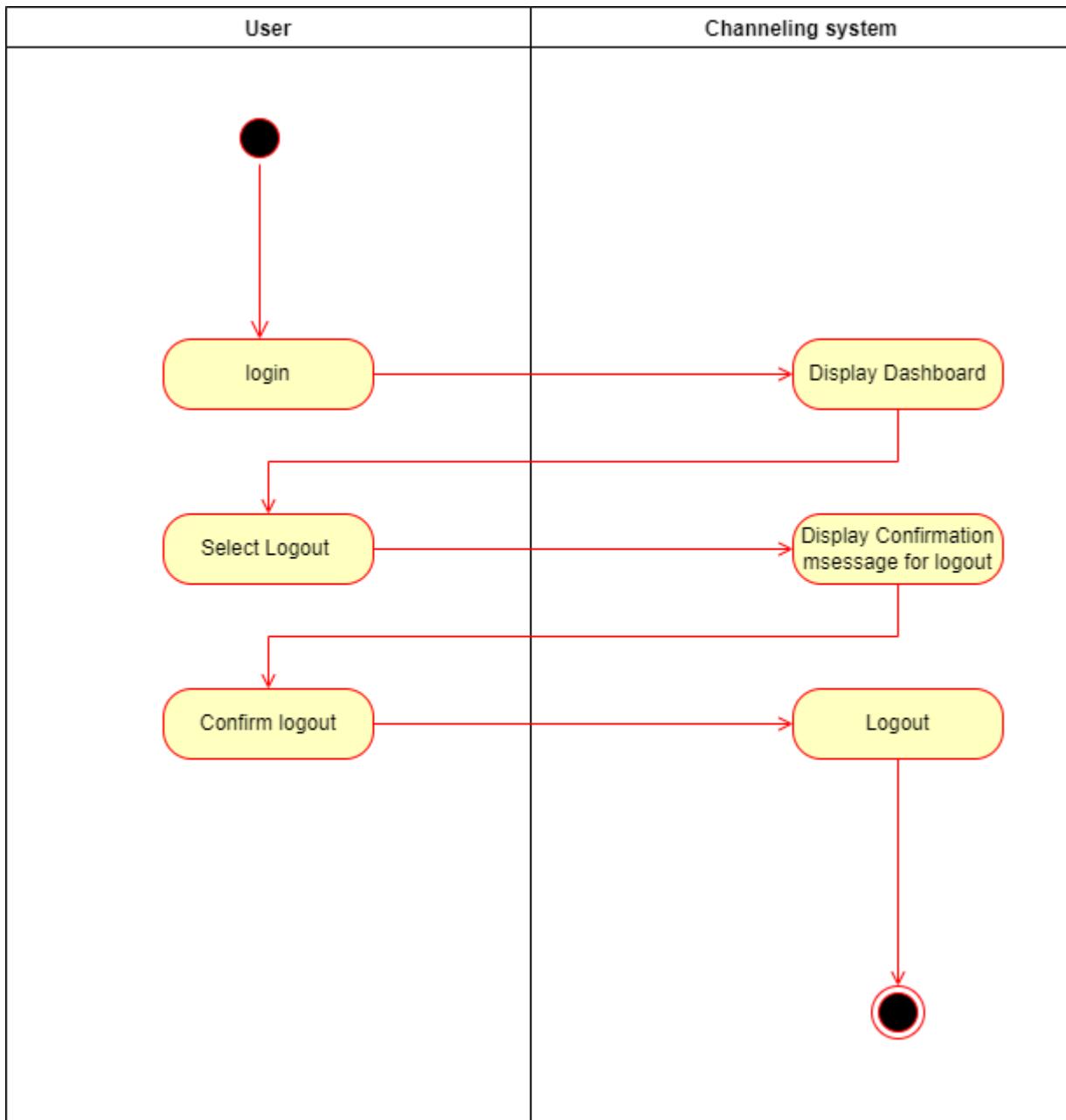
4.4.1 Login



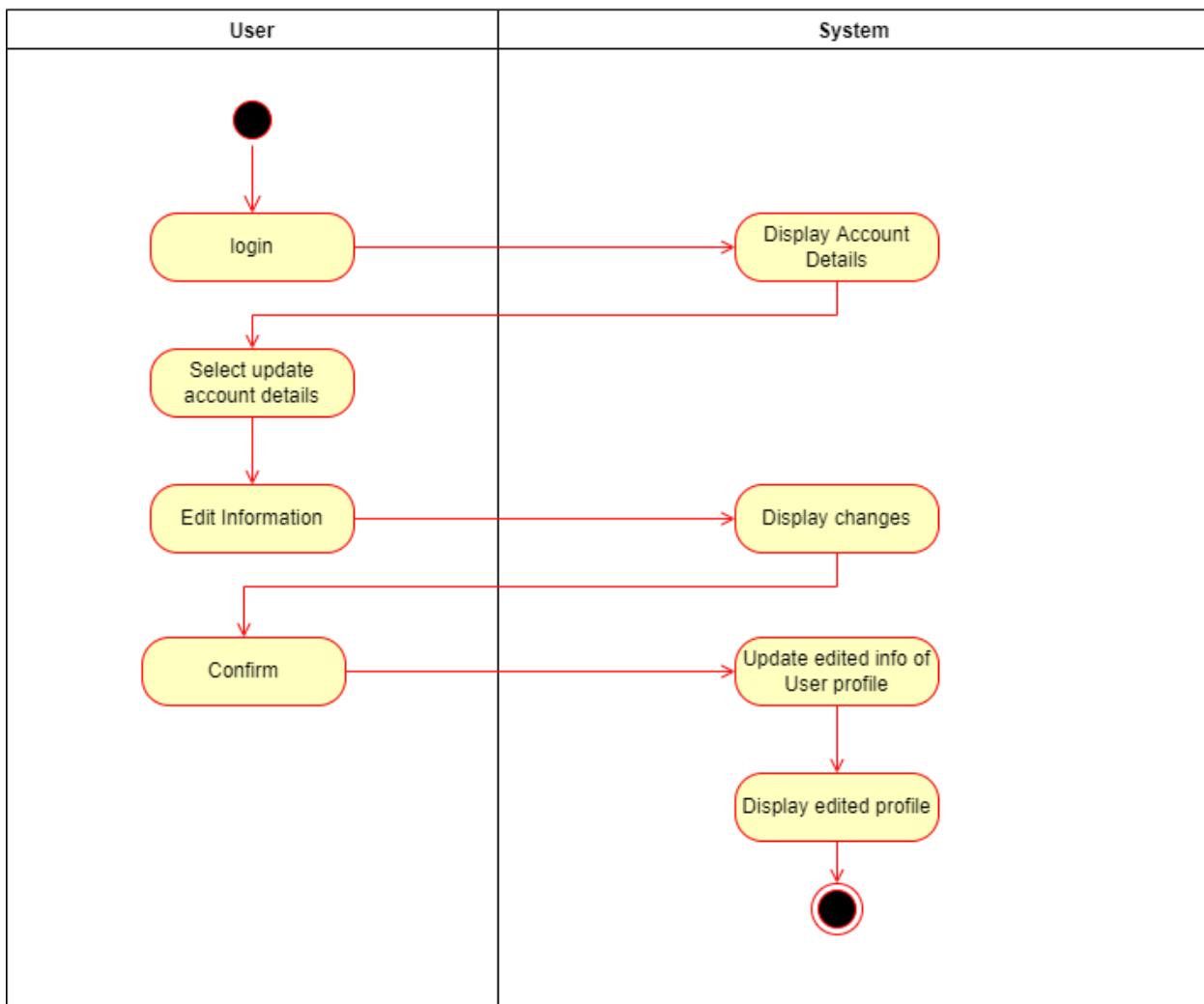
4.4.2 Signin and login



4.4.3 Logout

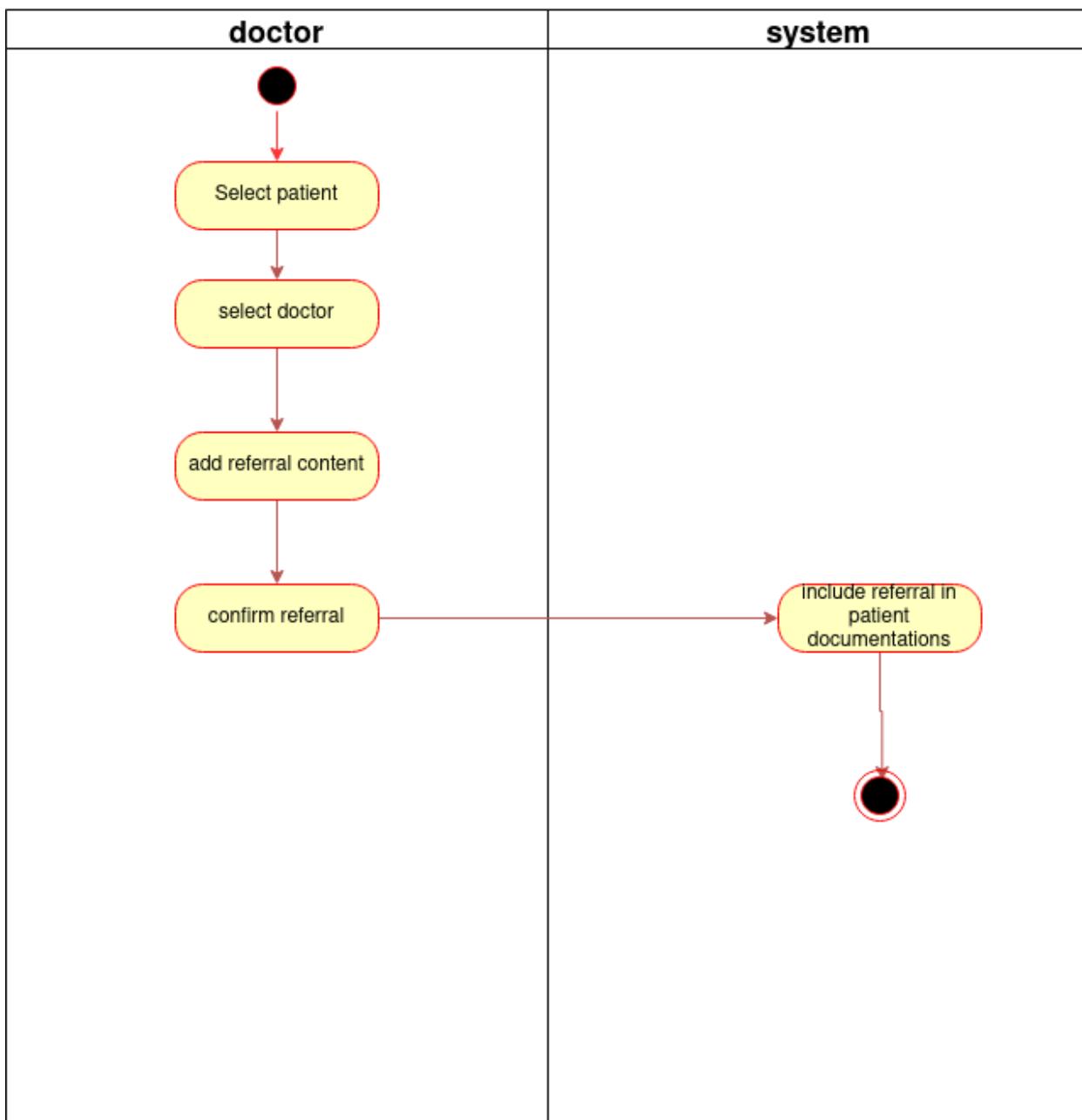


4.4.4 Edit account

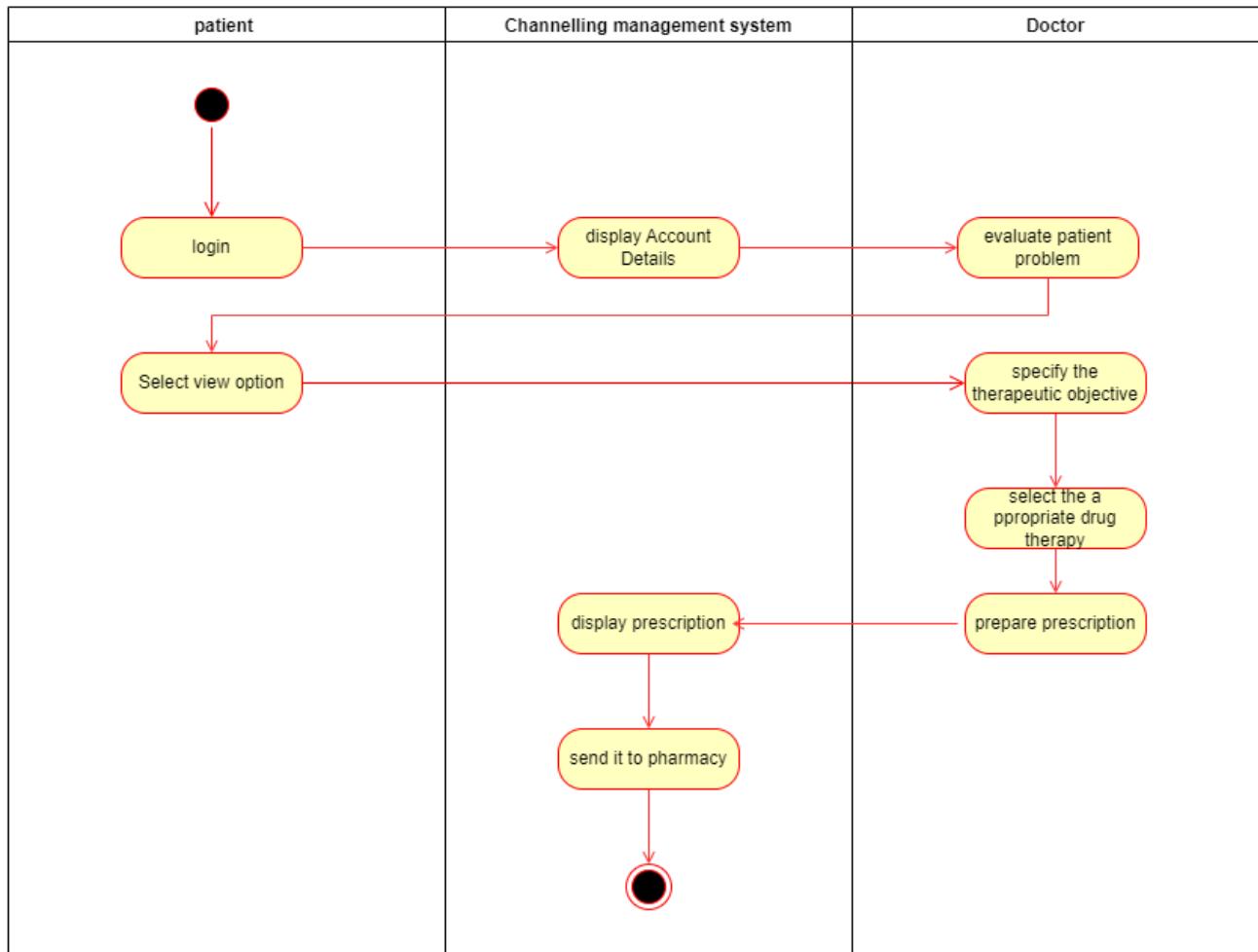


4.4.5 Doctor

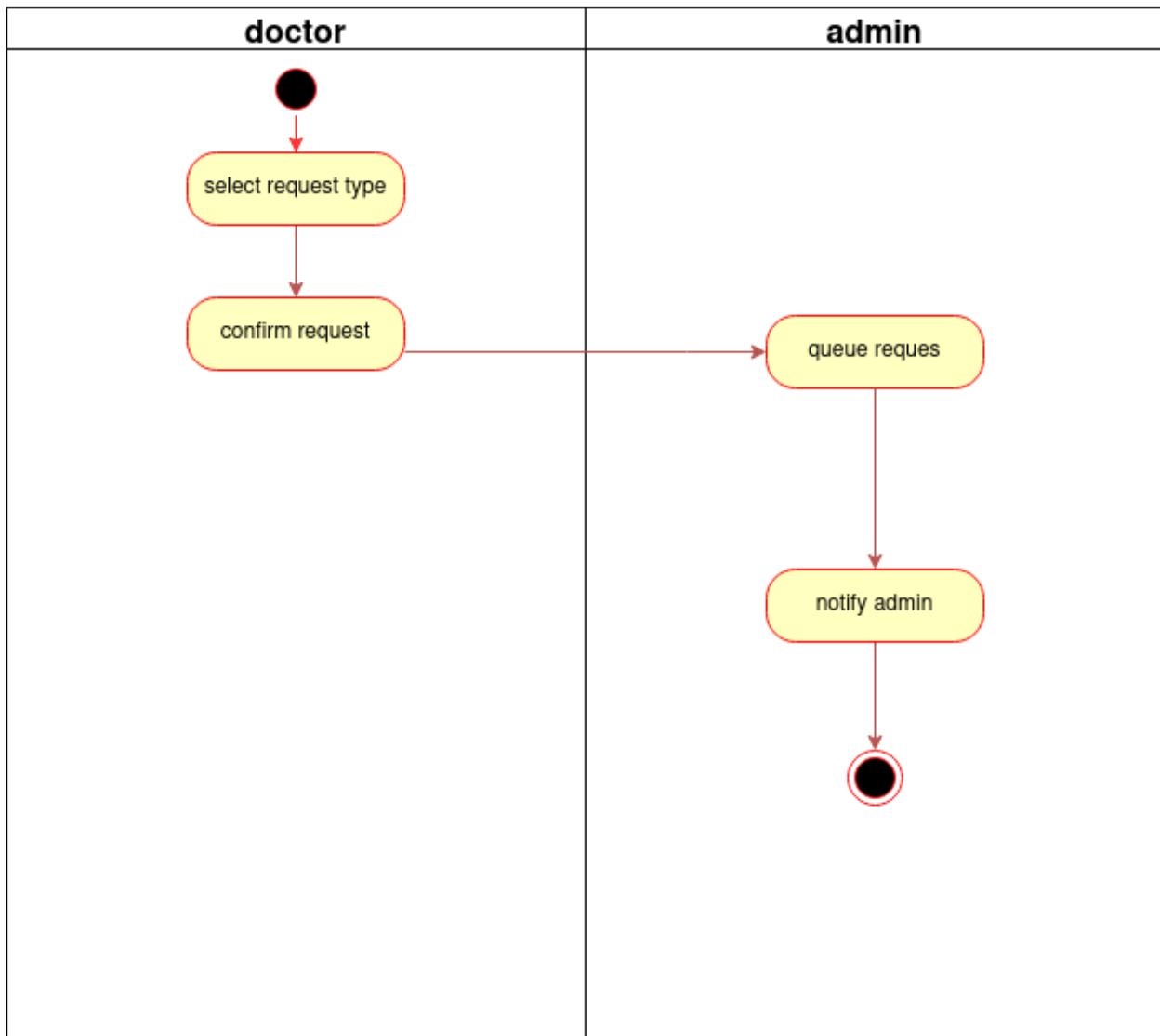
4.4.5.1 Doctor add referel



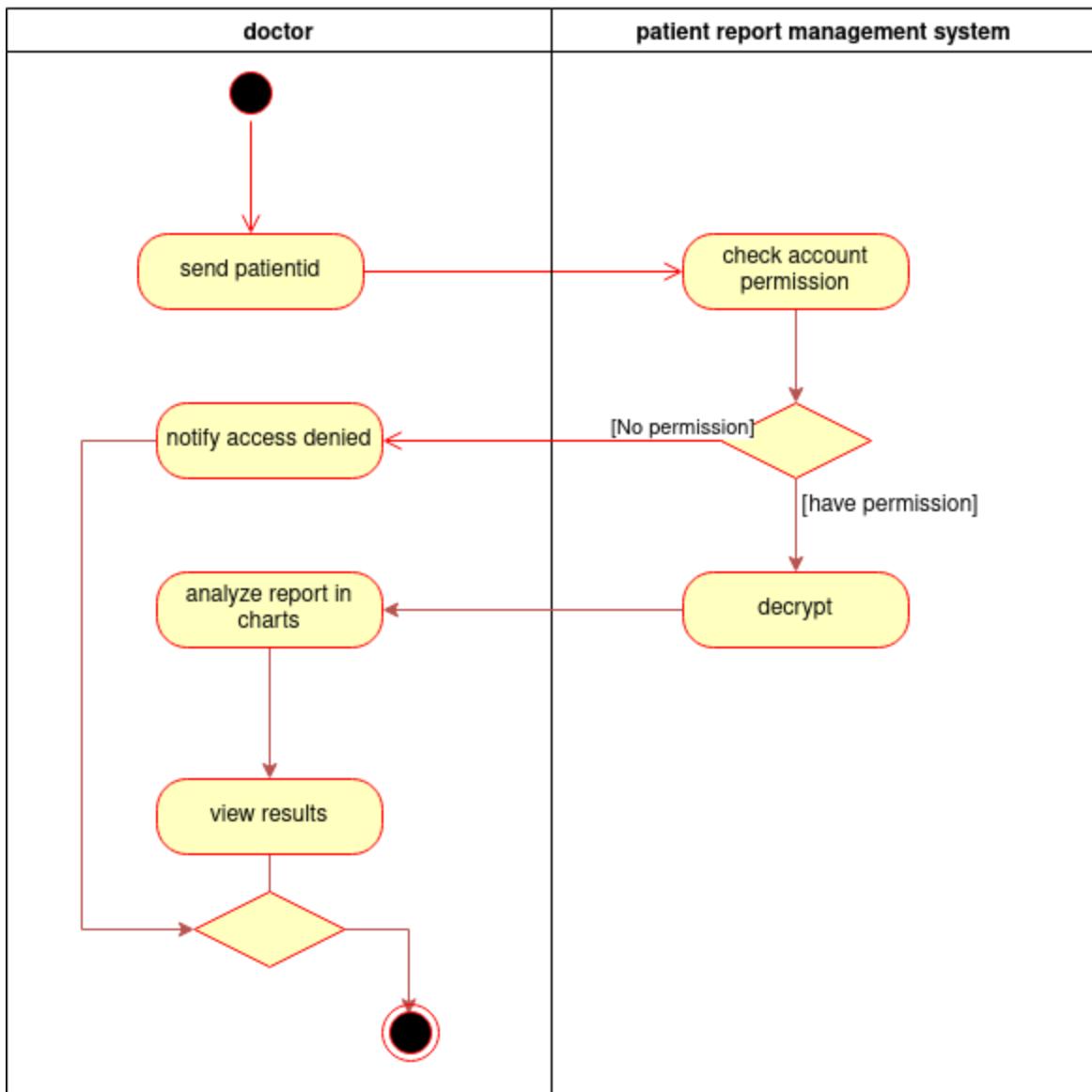
4.4.5.2 Prescribe Medicine



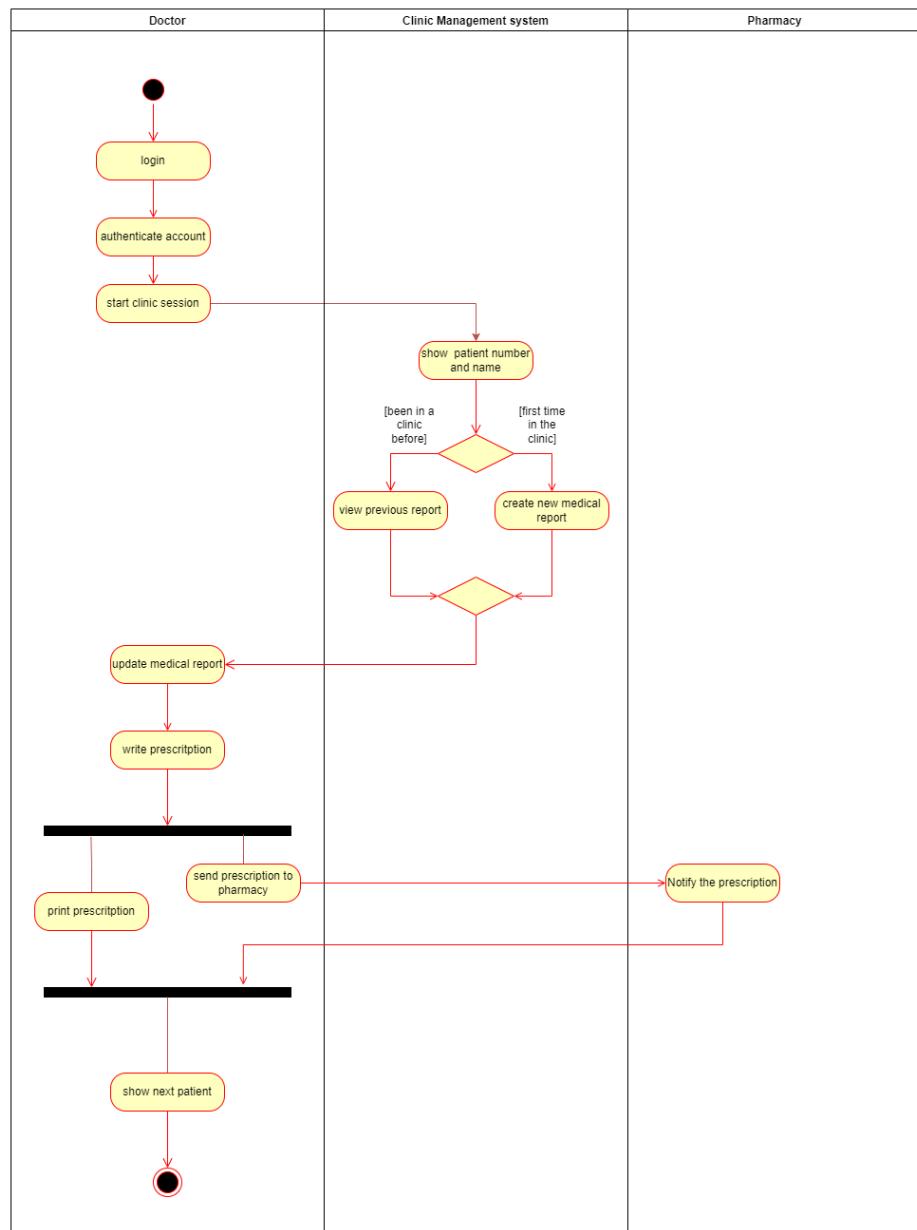
4.4.5.3 Doctor send request to admin



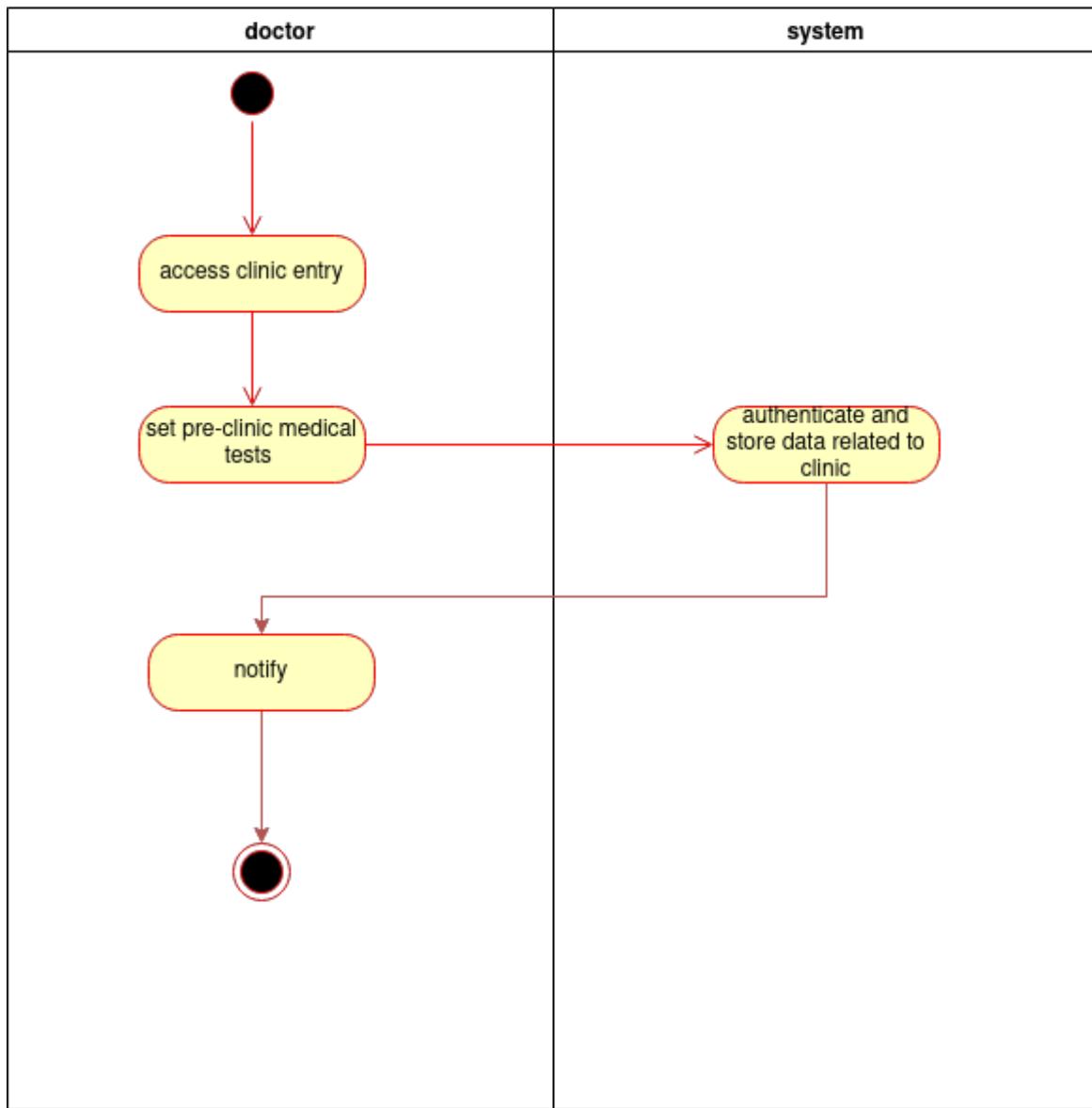
3.1.1.1. Update report and write report



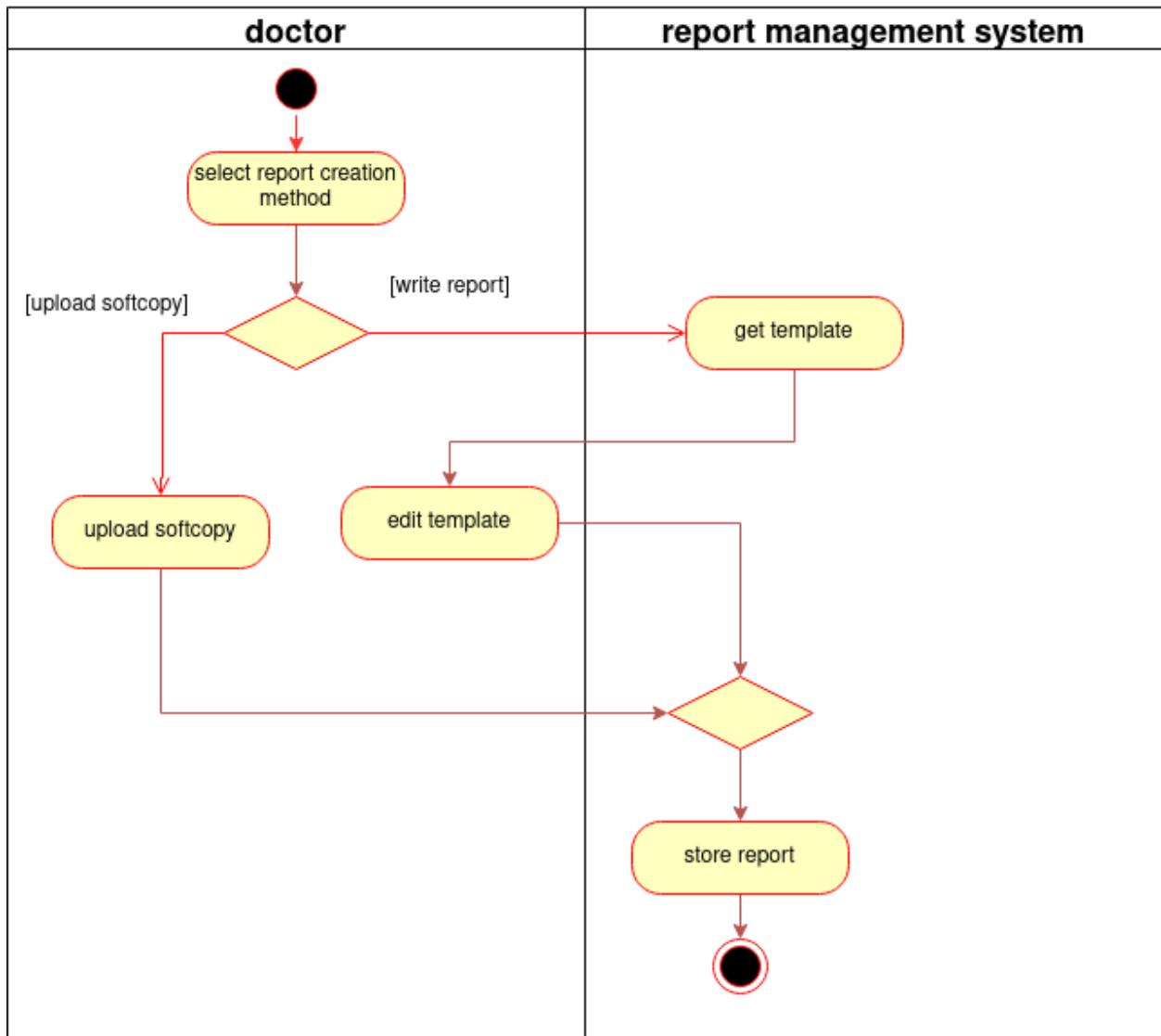
4.4.5.4 Start session



4.4.5.5 Set pre-channeling test

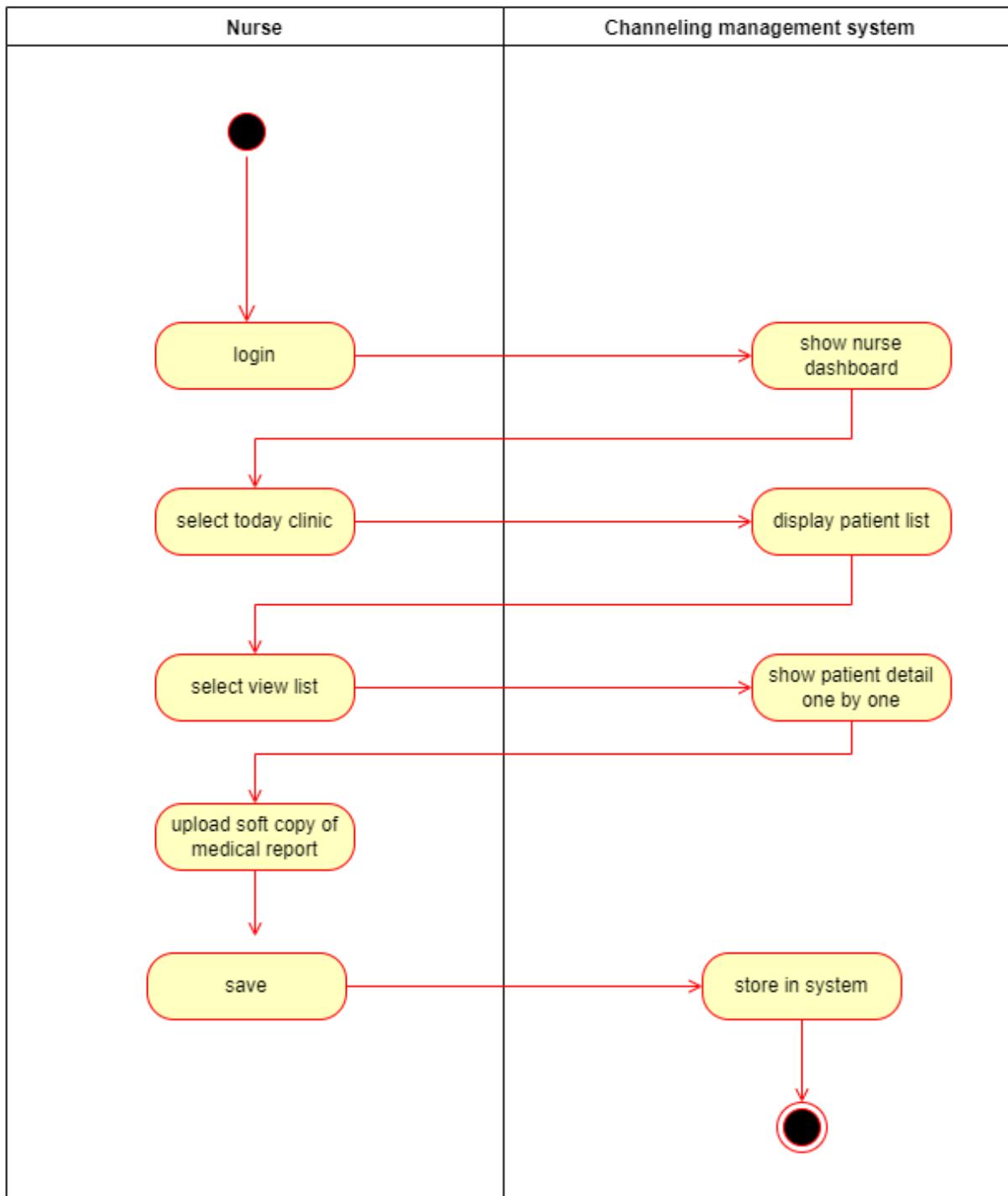


4.4.5.6 Add new report

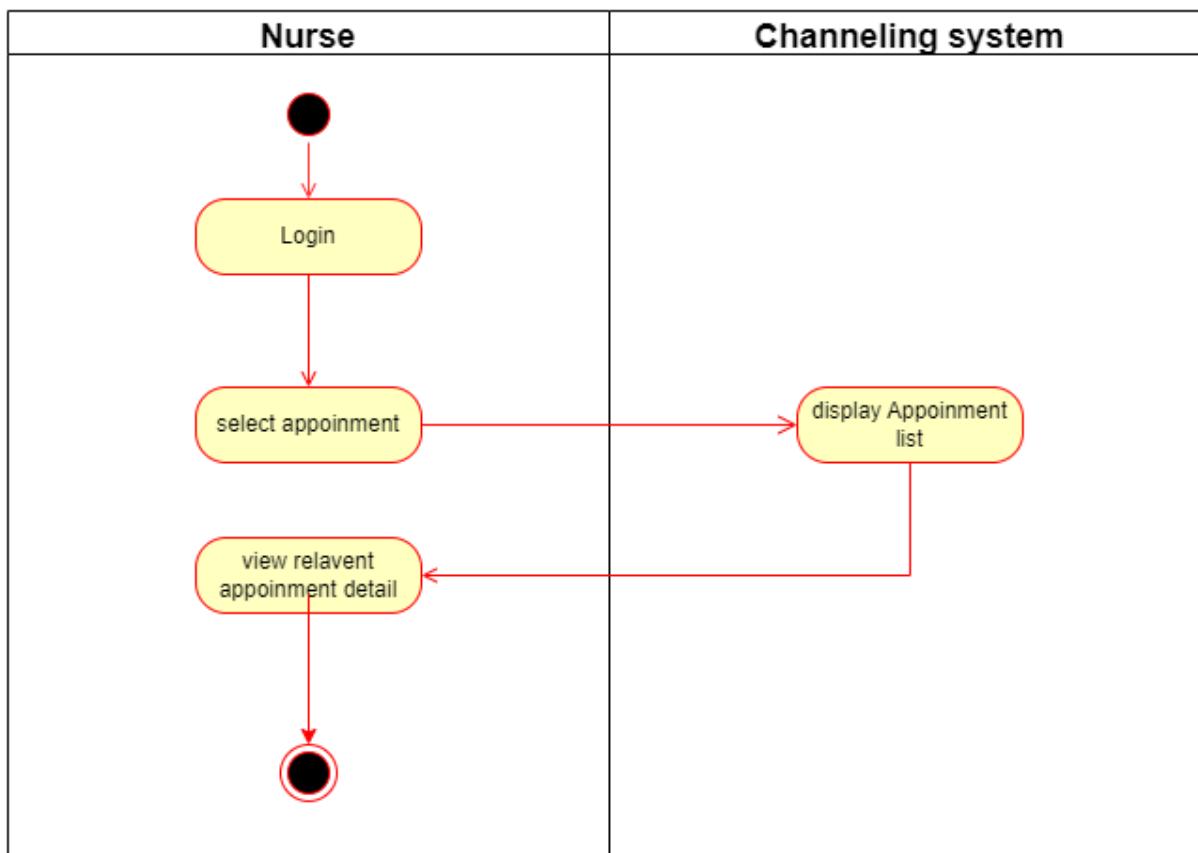


4.4.6 Nurse

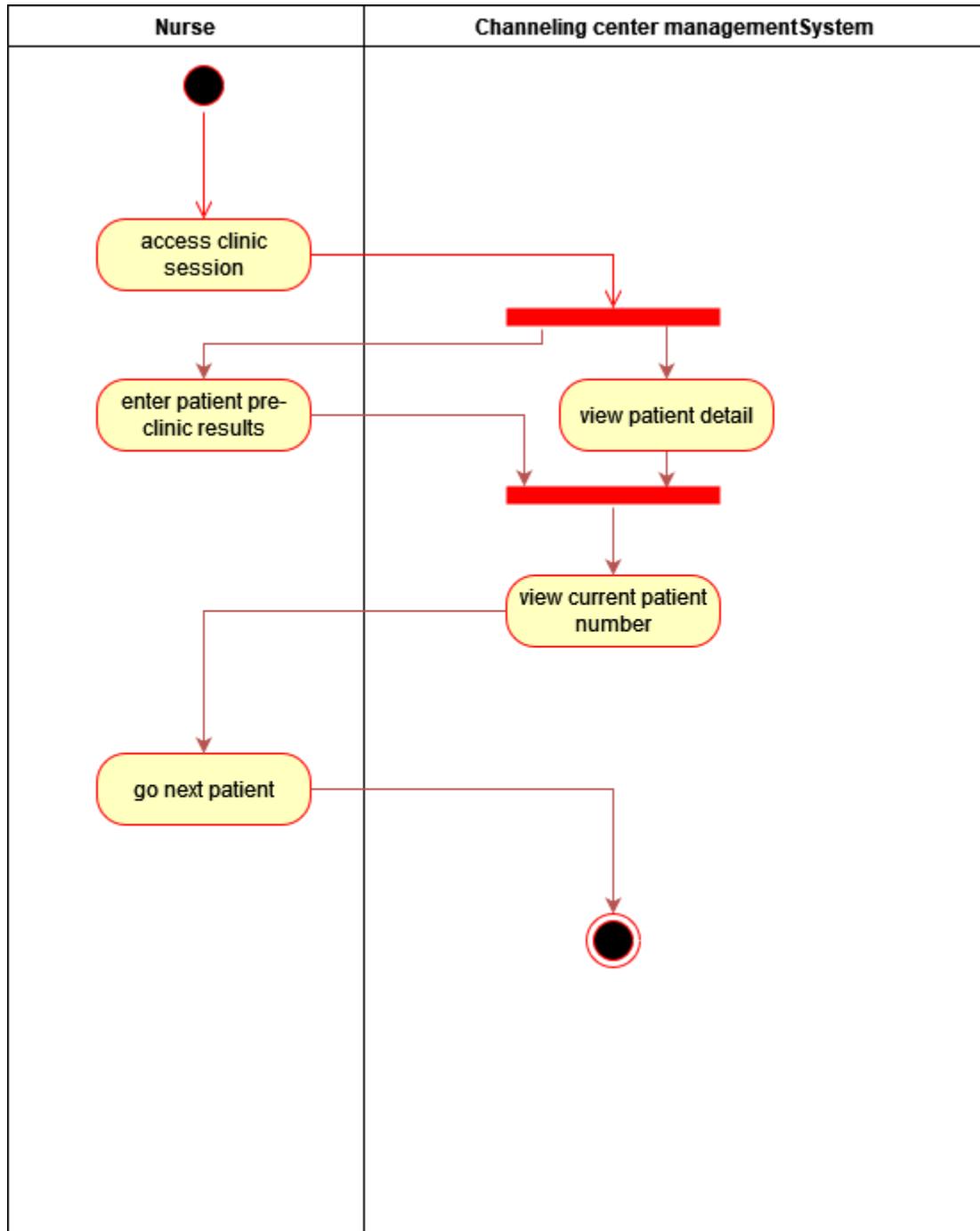
4.4.6.1 Add medical report



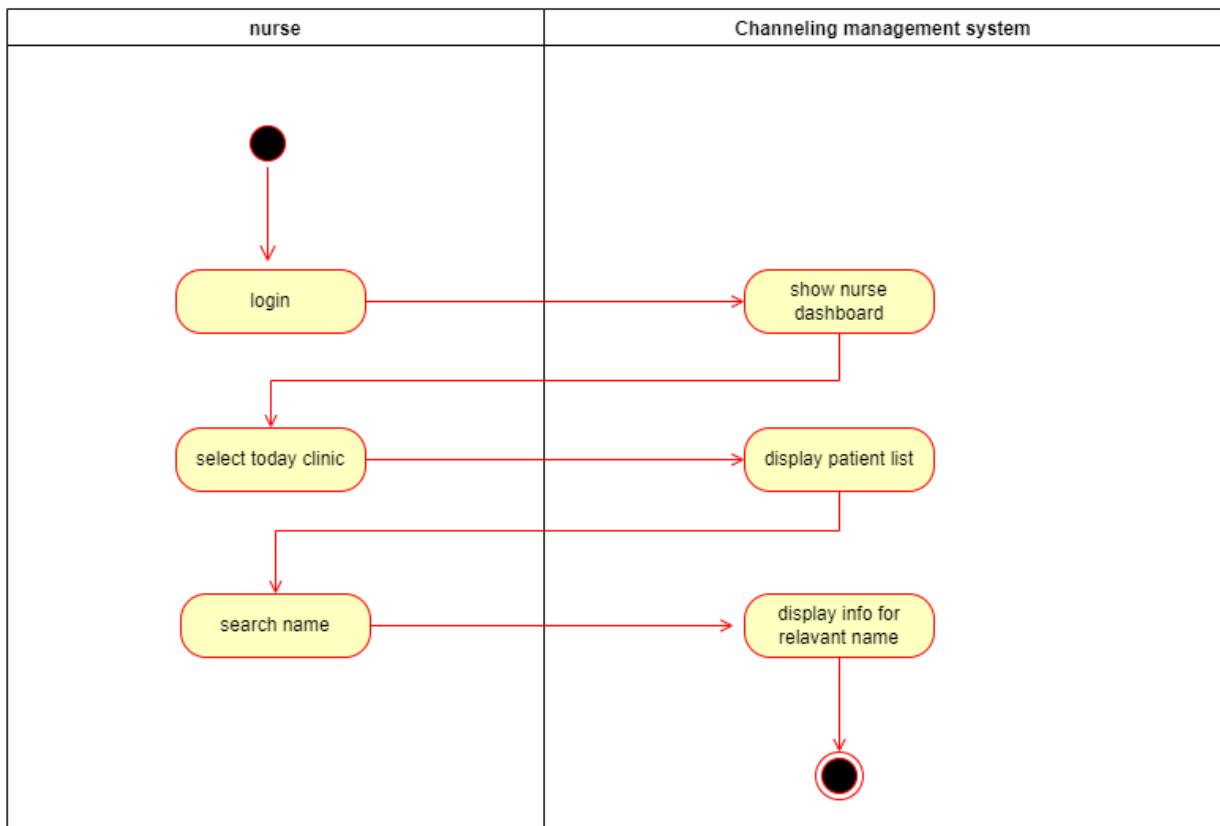
4.4.6.2 View appointment



4.4.6.3 Add pre-channeling test

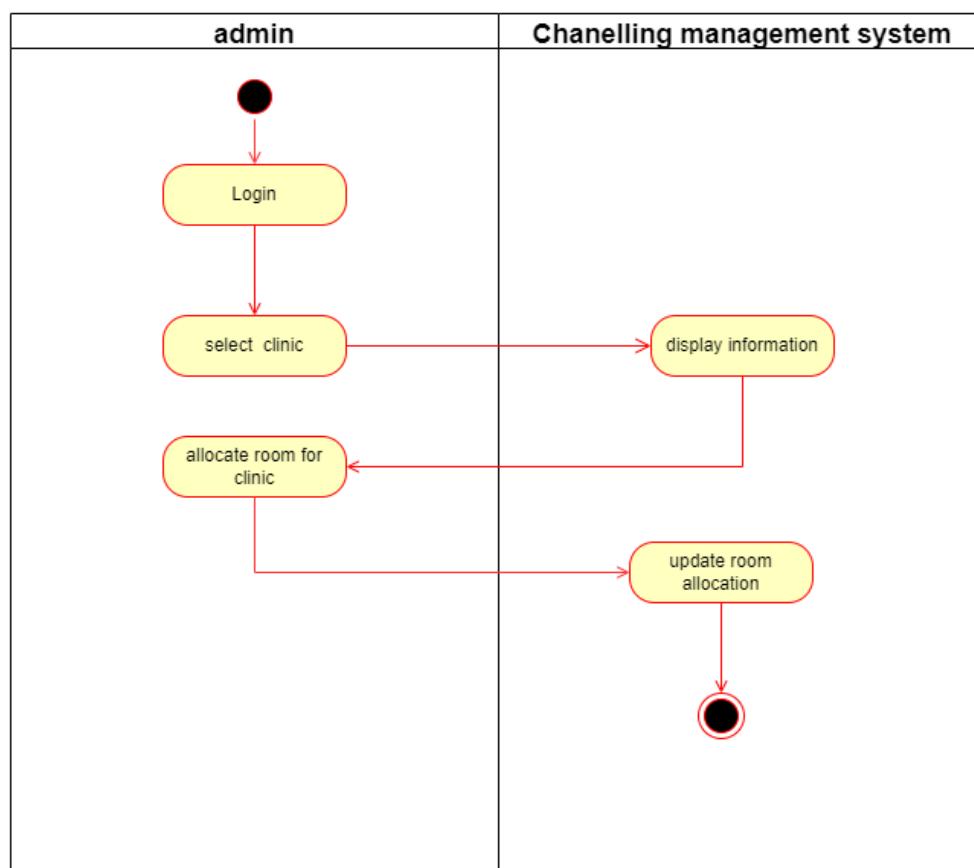


4.4.6.4 Get patient name

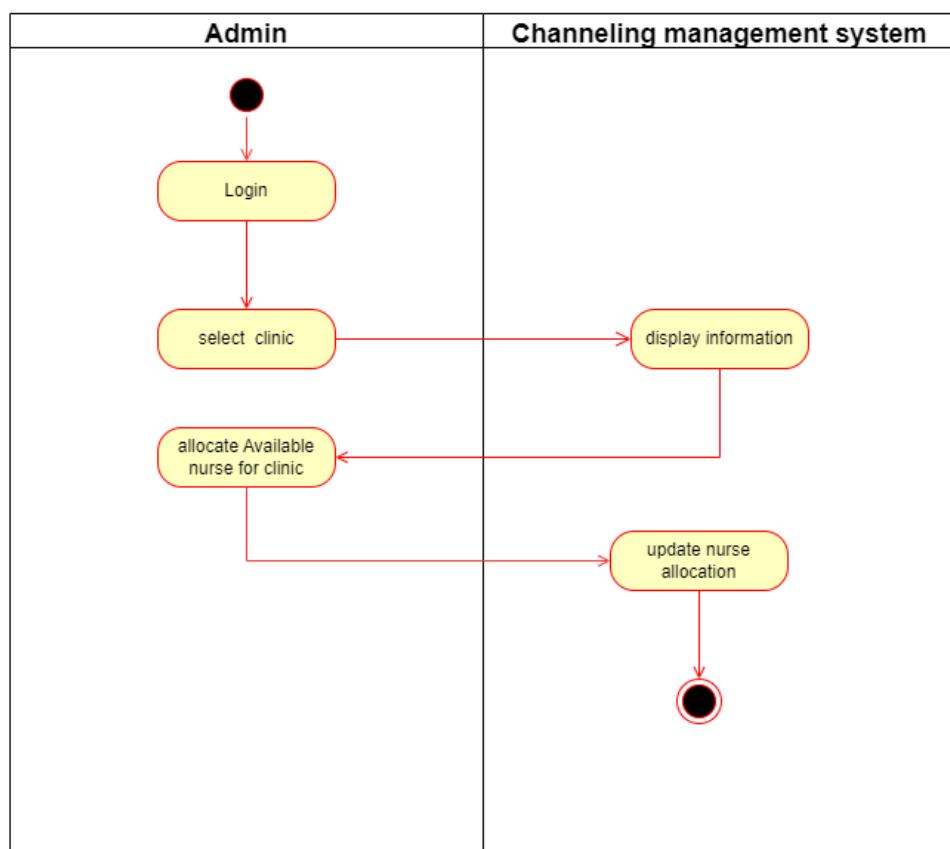


4.4.7 Admin

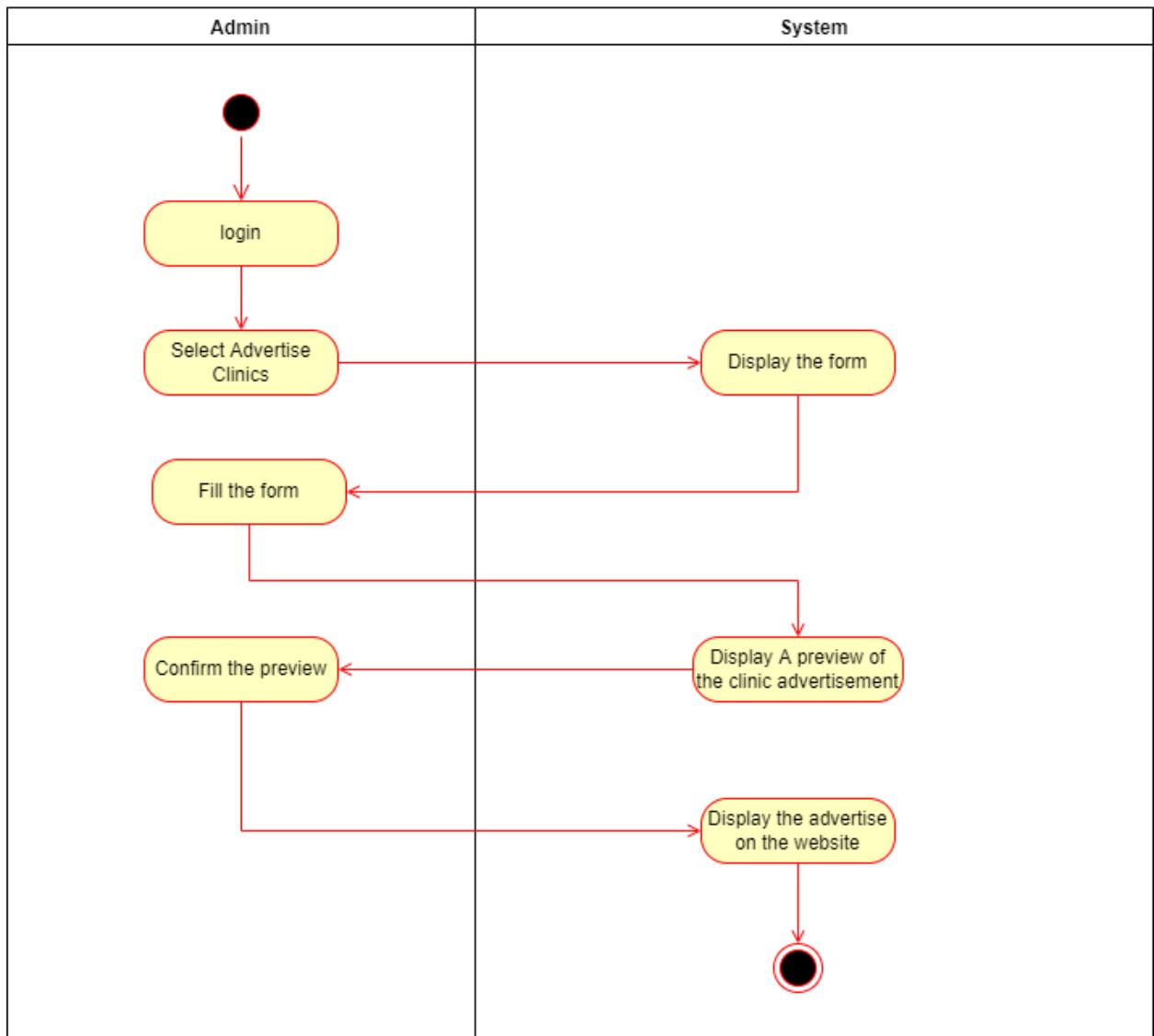
4.4.7.1 Allocate room for the channeling



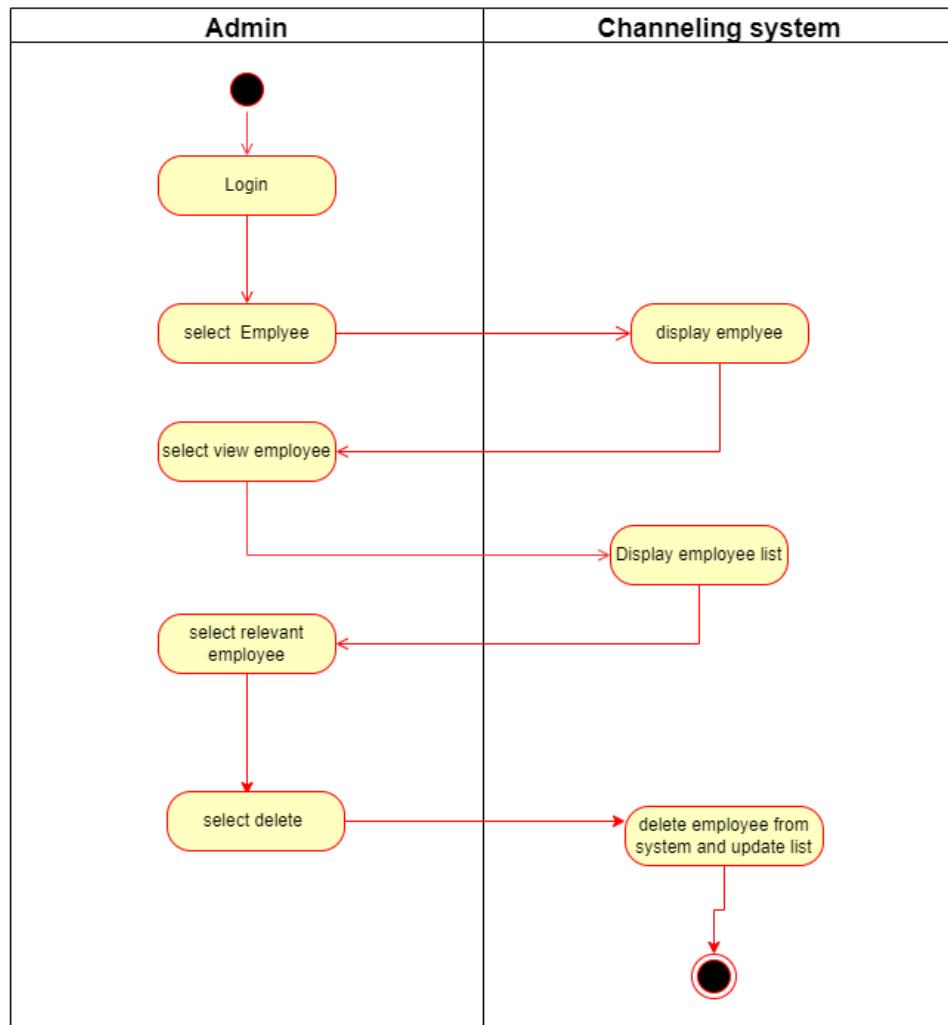
4.4.7.2 Allocate nurse for channeling



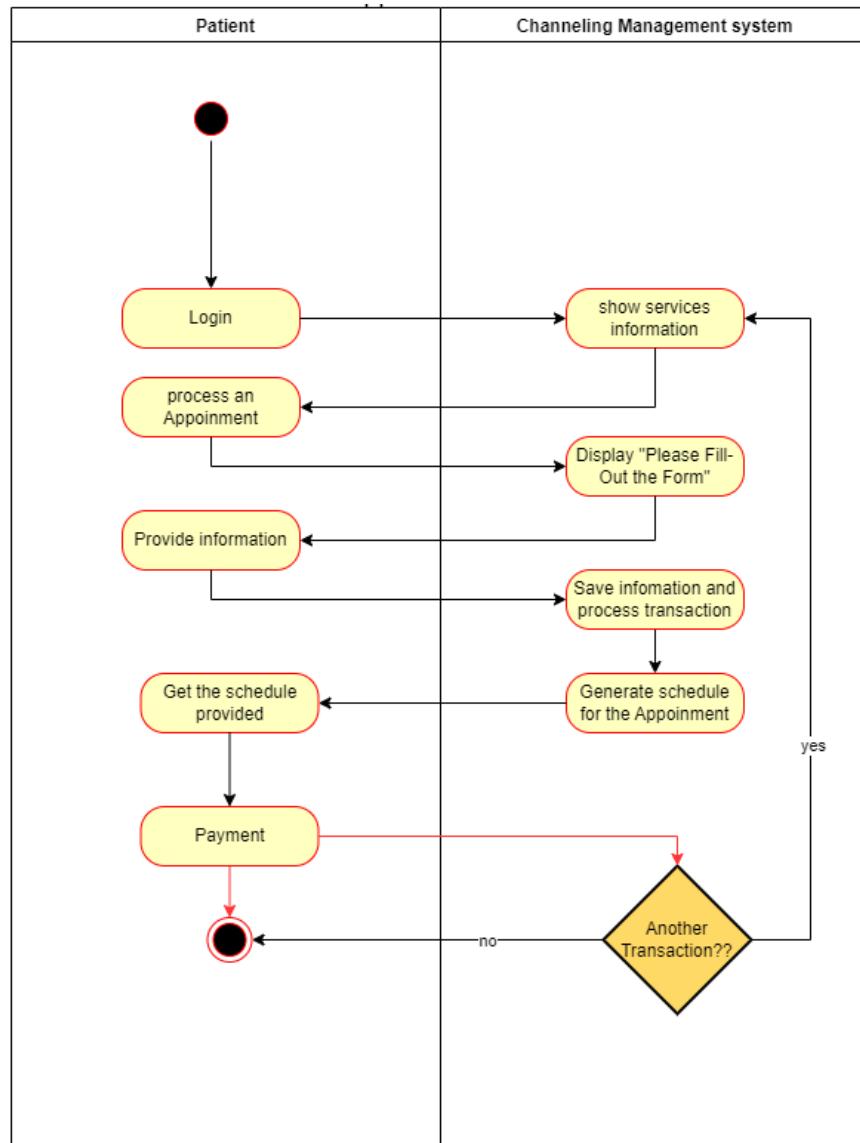
4.4.7.3 Advertise channeling



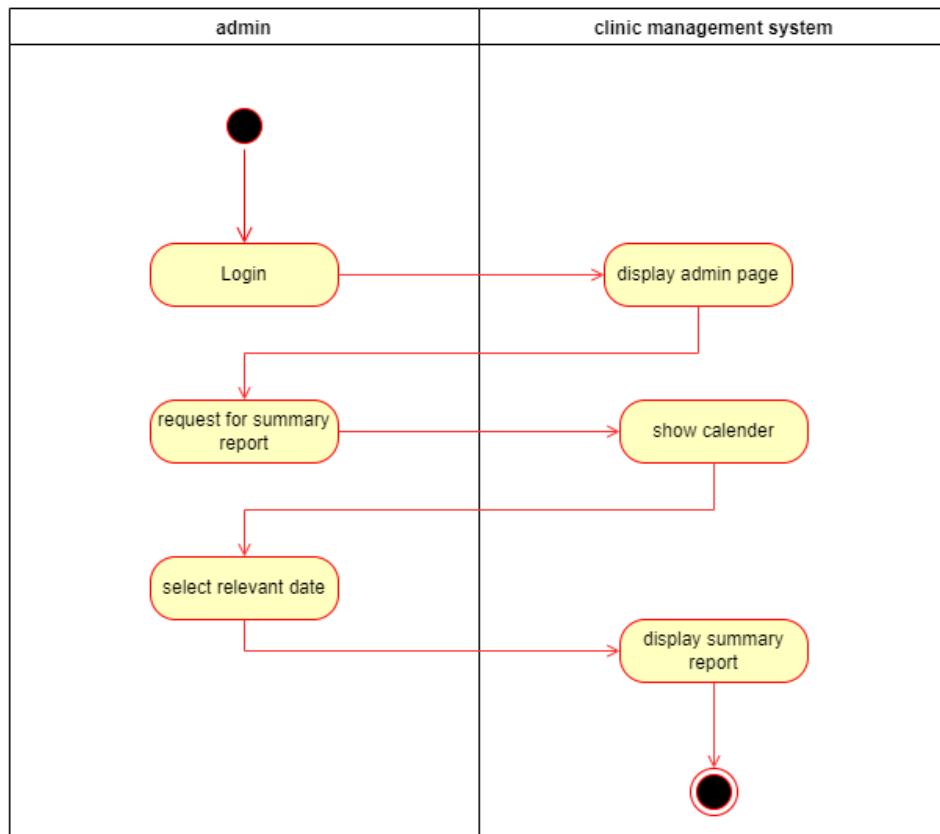
4.4.7.4 Delete employee



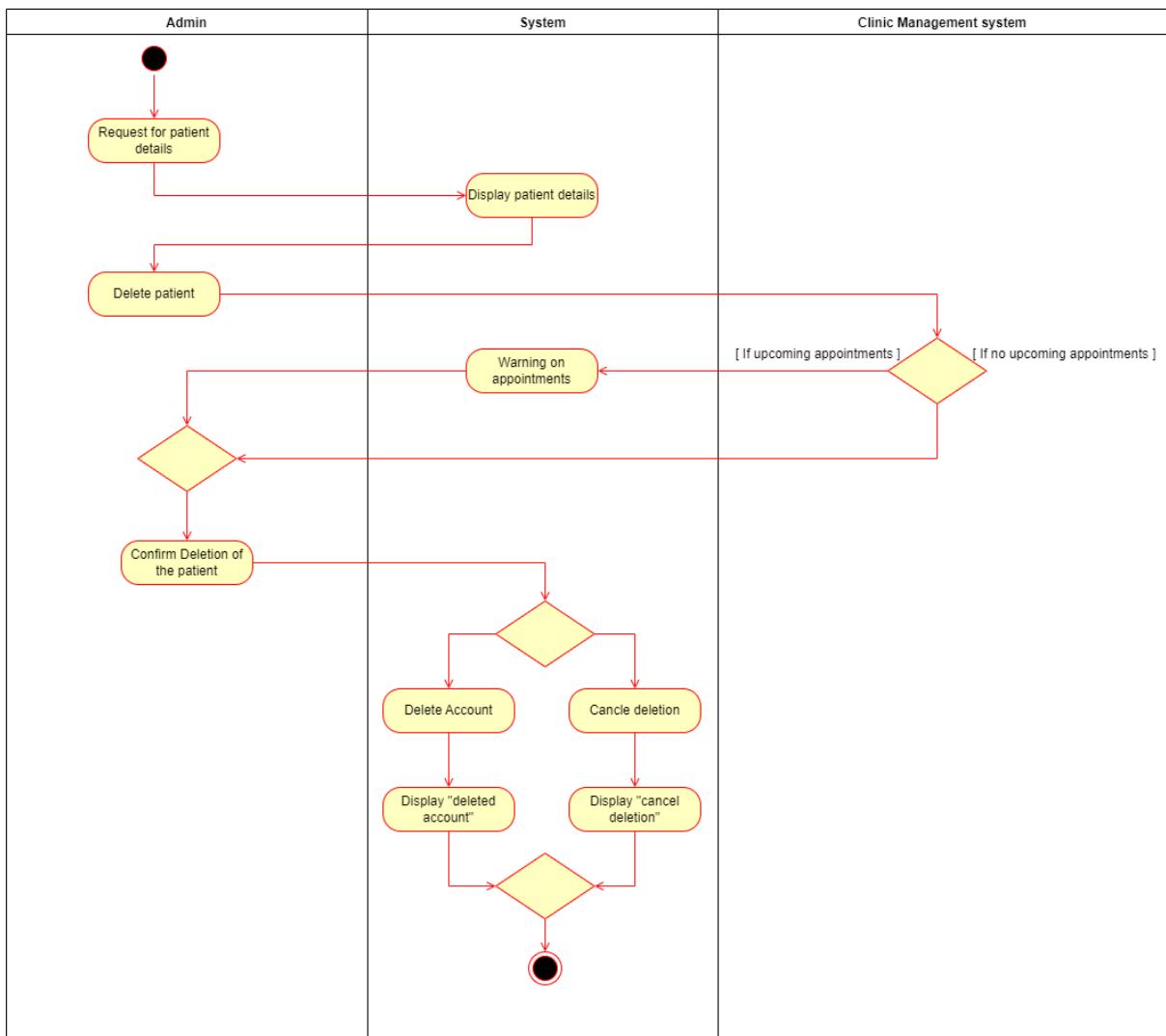
4.4.7.5 Set appointment



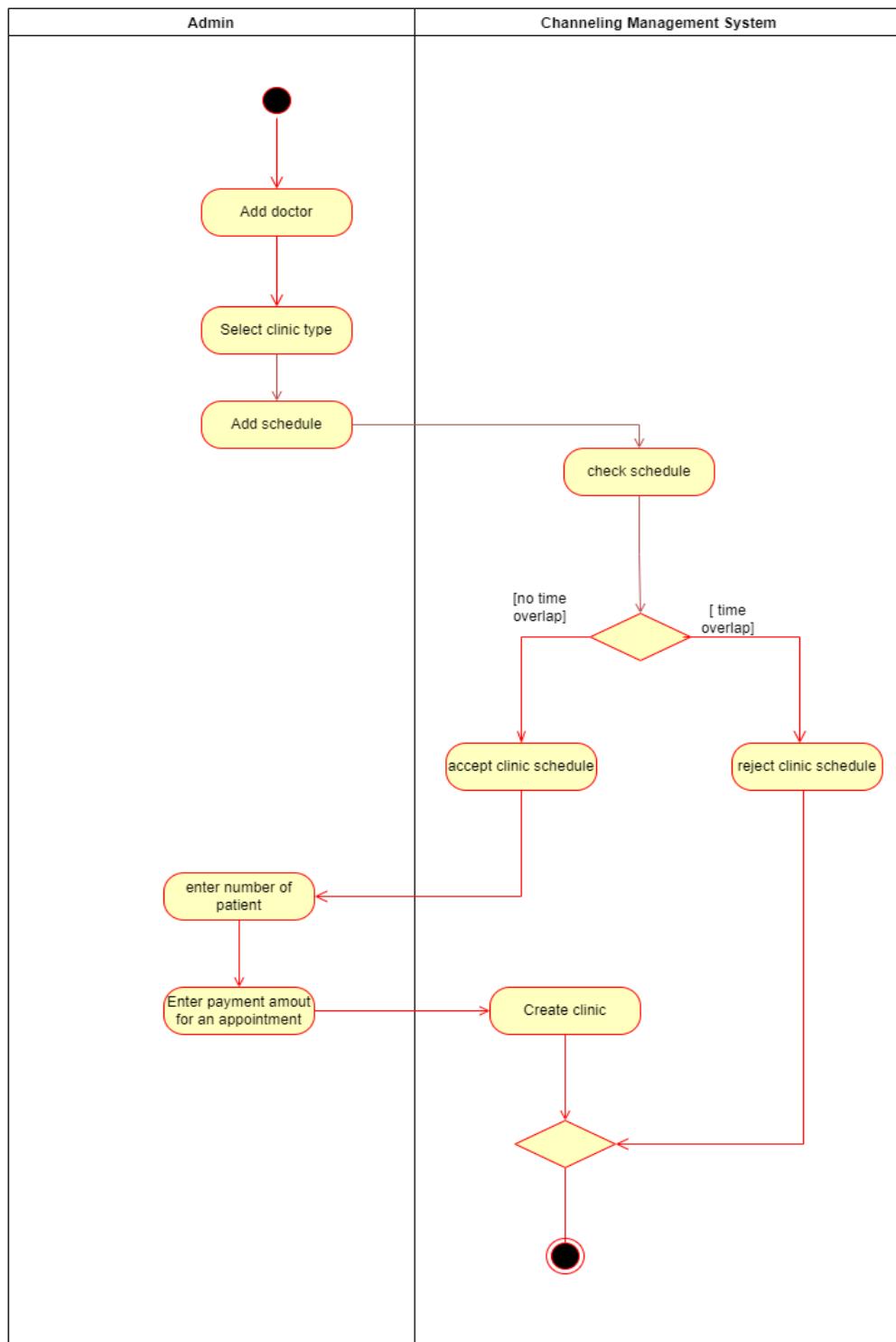
4.4.7.6 Get summary report



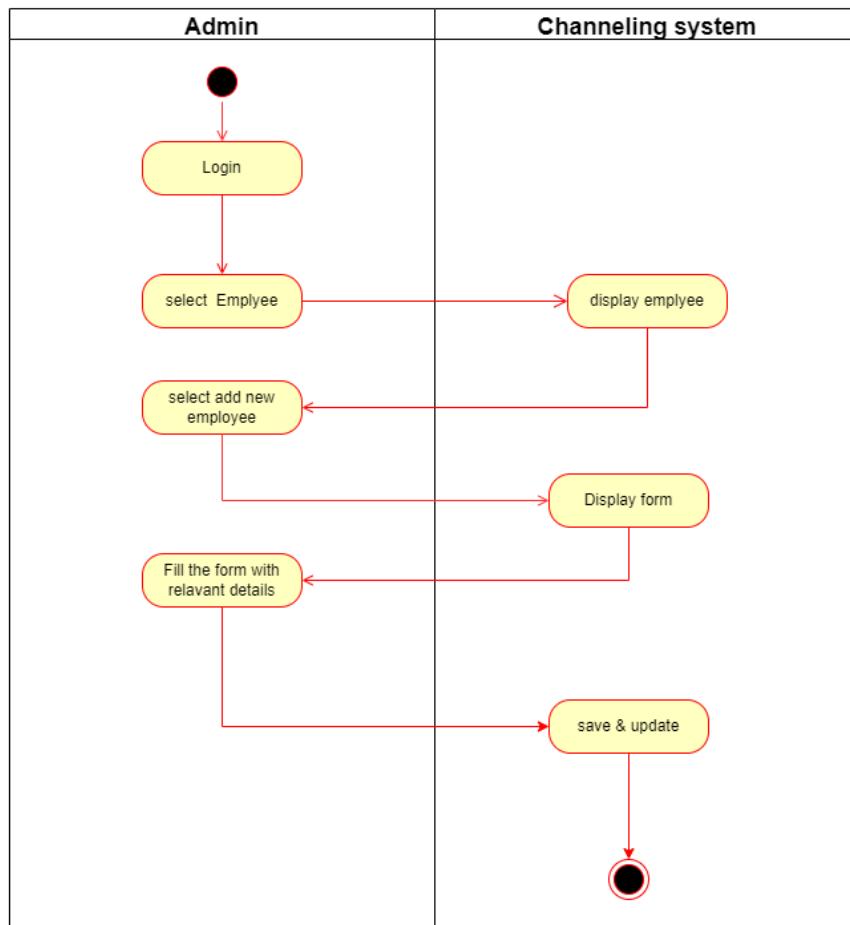
4.4.7.7 Remove patient



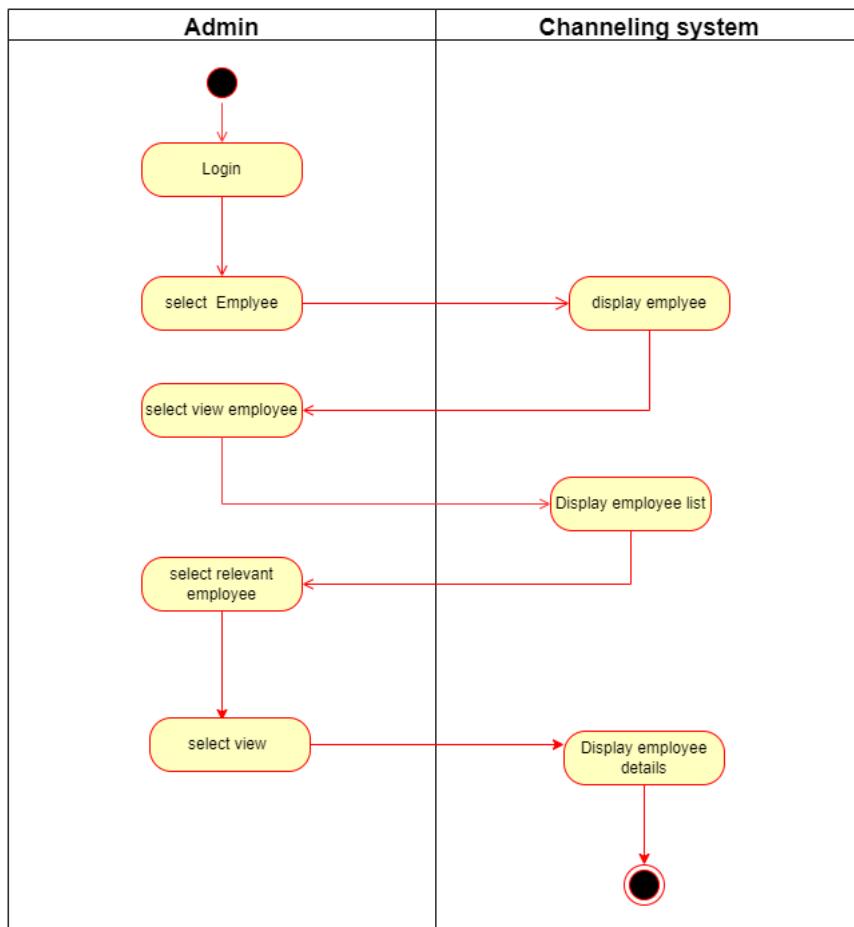
4.4.7.8 Create channeling



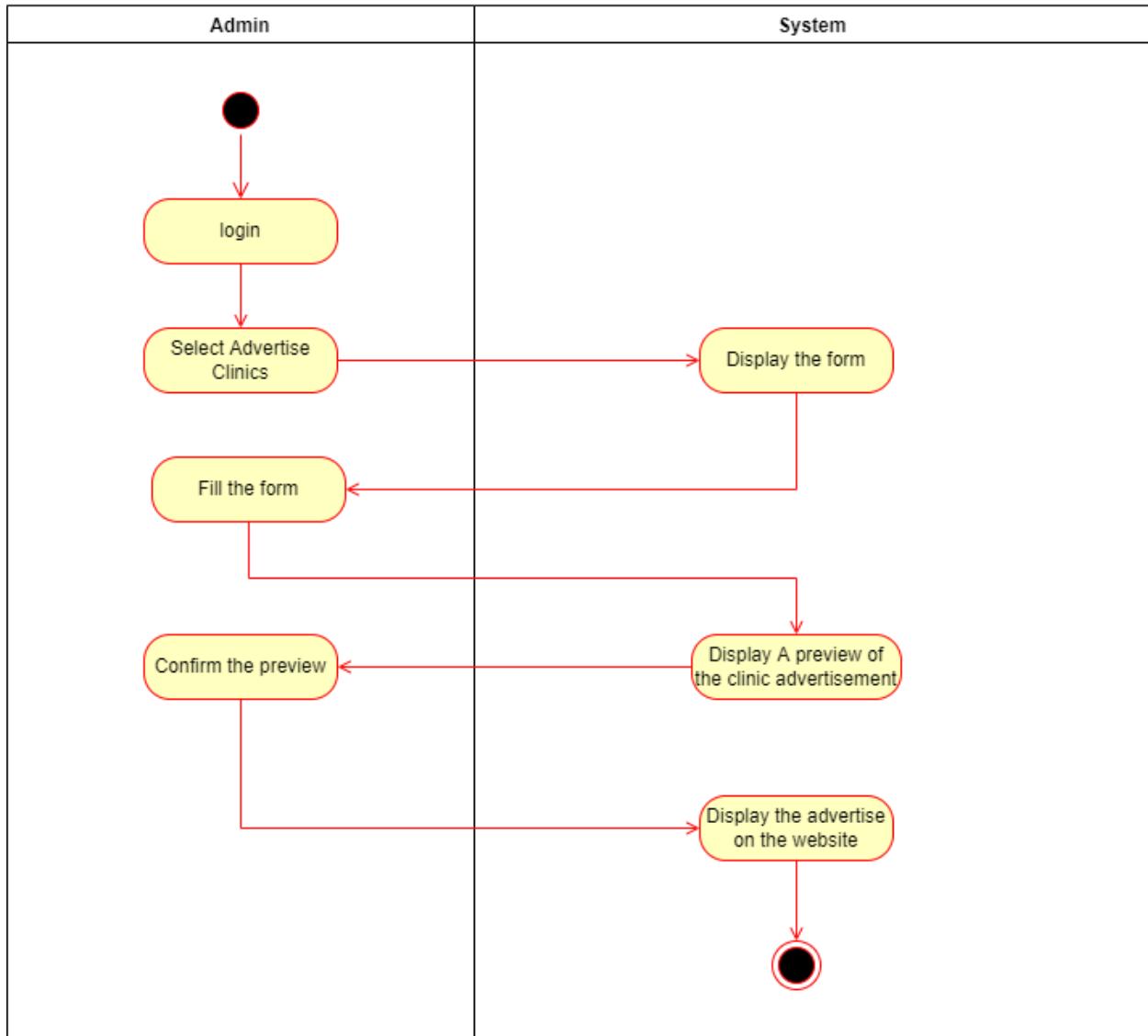
4.4.7.9 View employee account



4.4.7.10 Add new employee

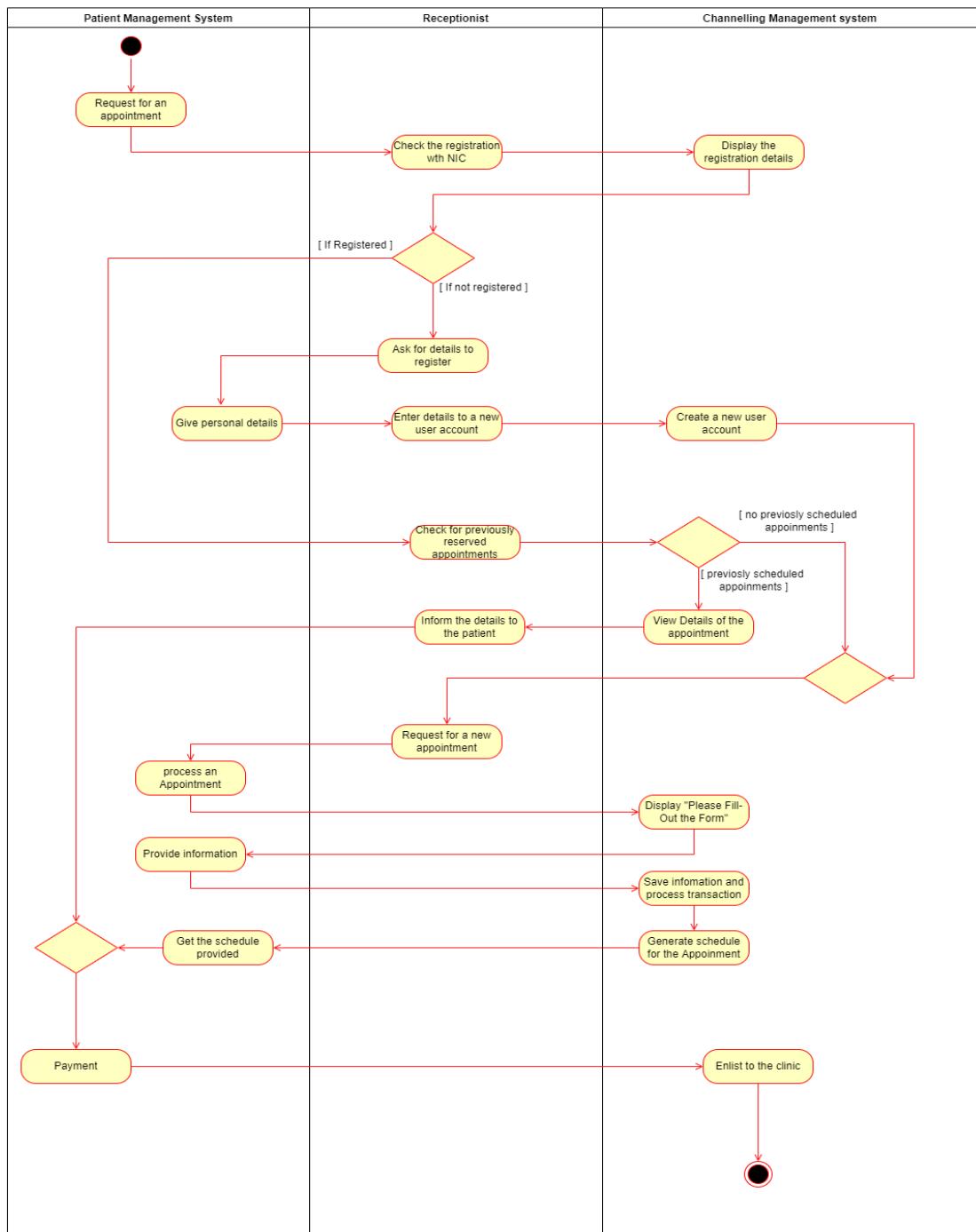


4.4.7.11 Advertise channeling

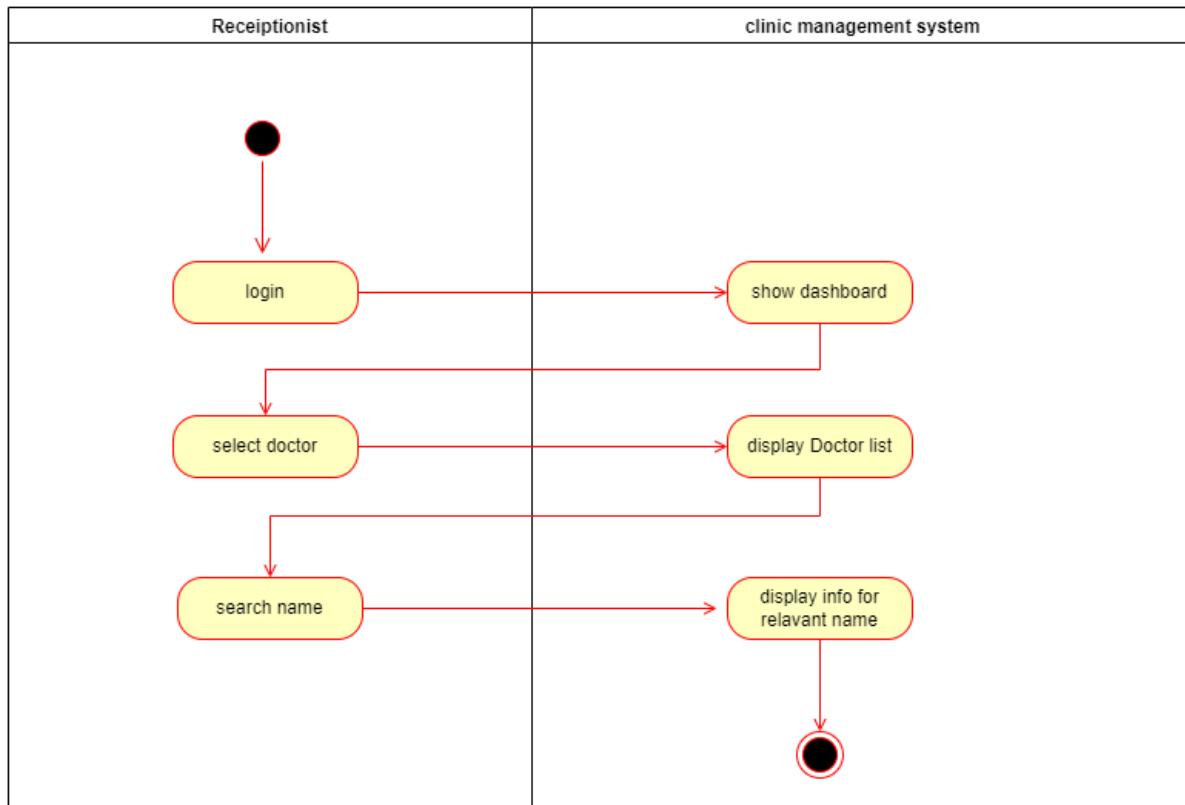


4.4.8 Receptionist

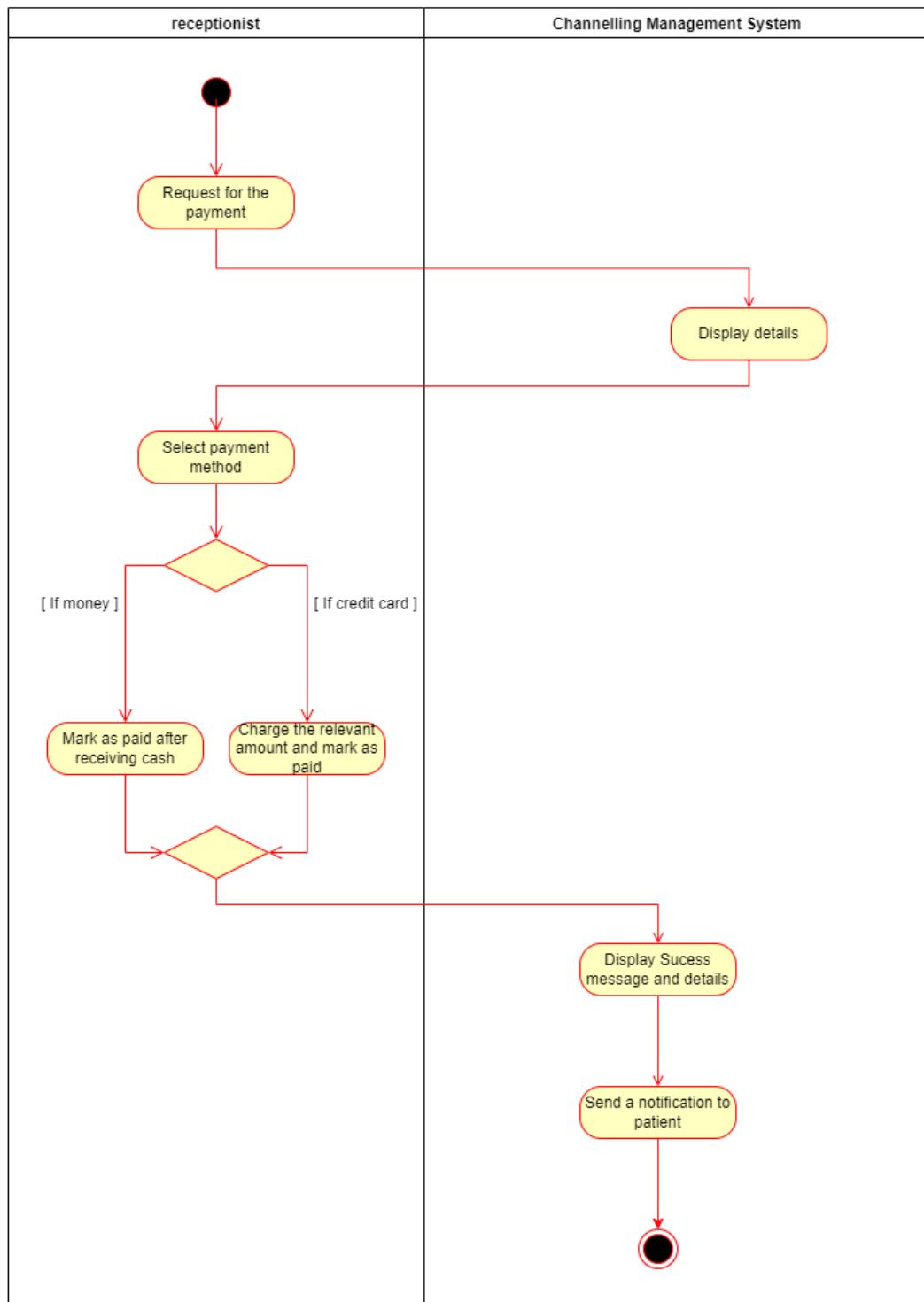
4.4.8.1 Front dest management



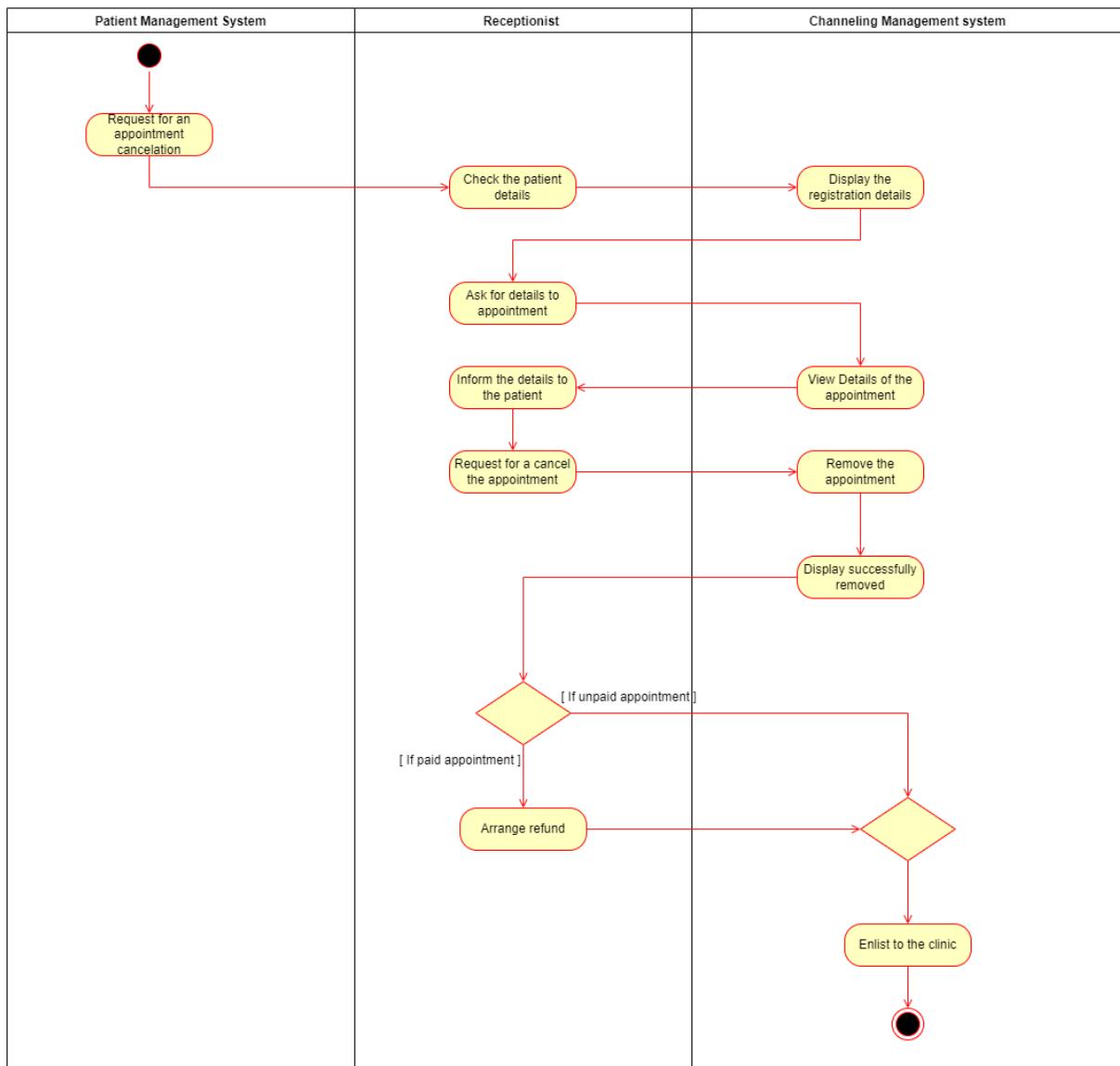
4.4.8.2 Search name



4.4.8.3 Do payment for patient

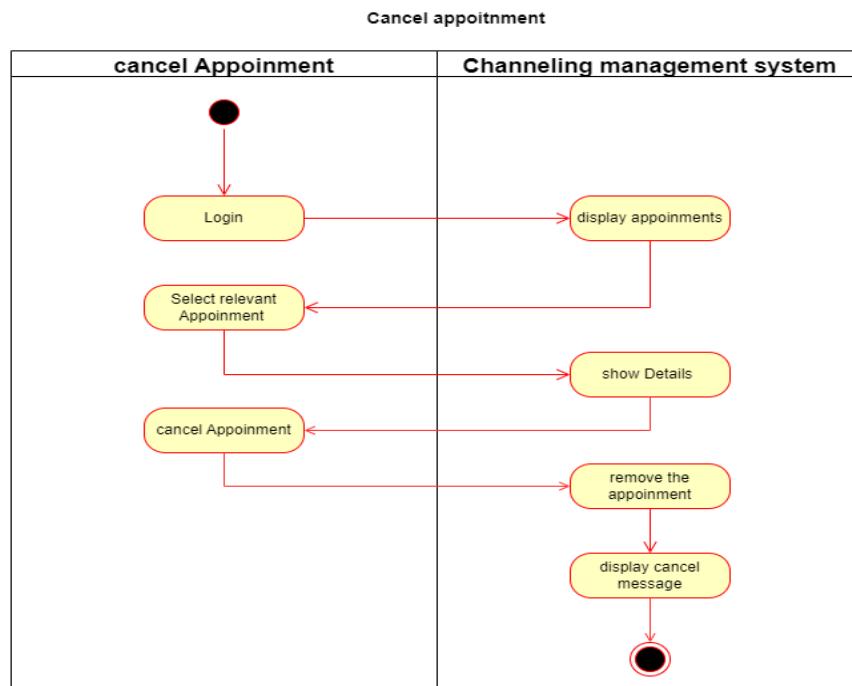


4.4.8.4 cancel appointment

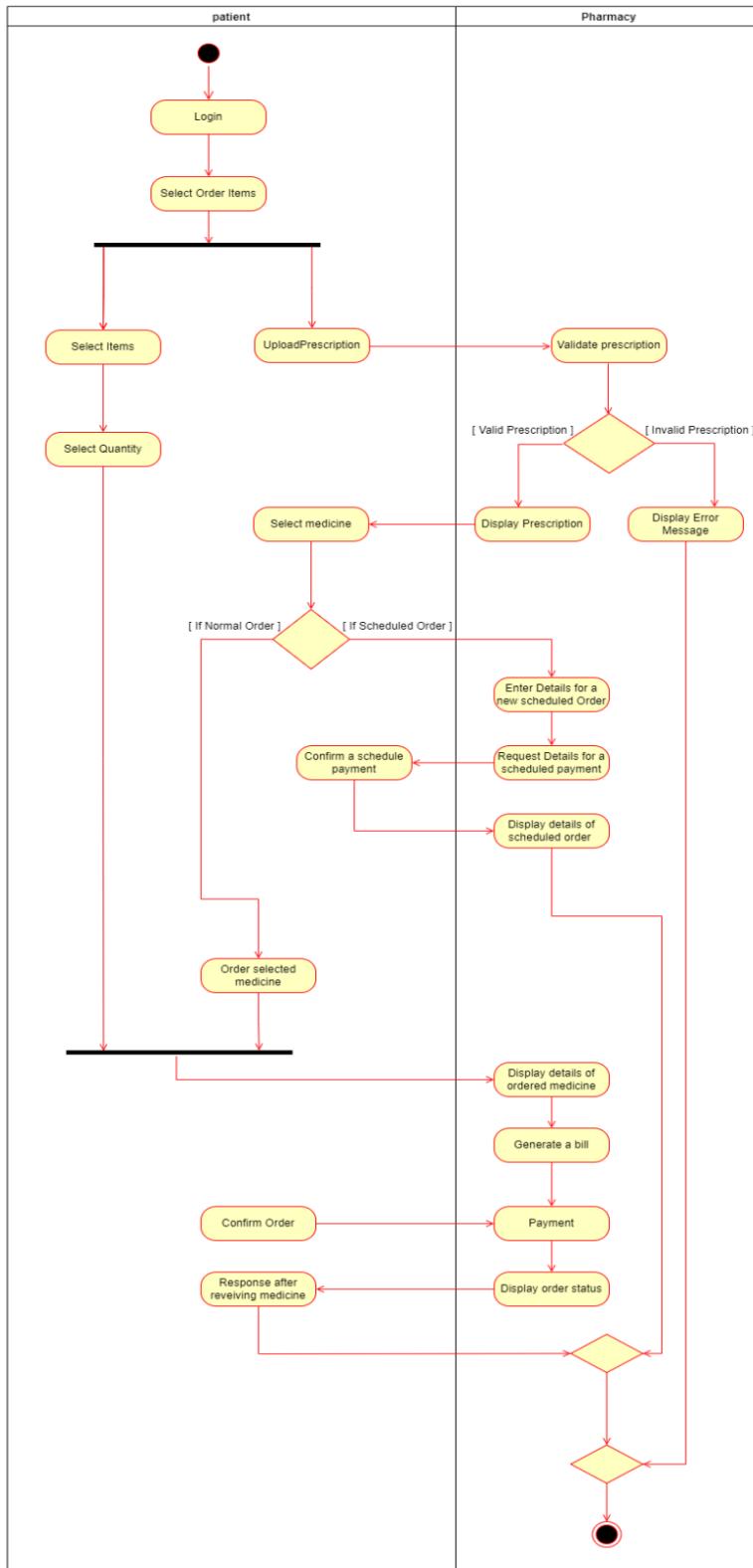


4.4.9 Patient

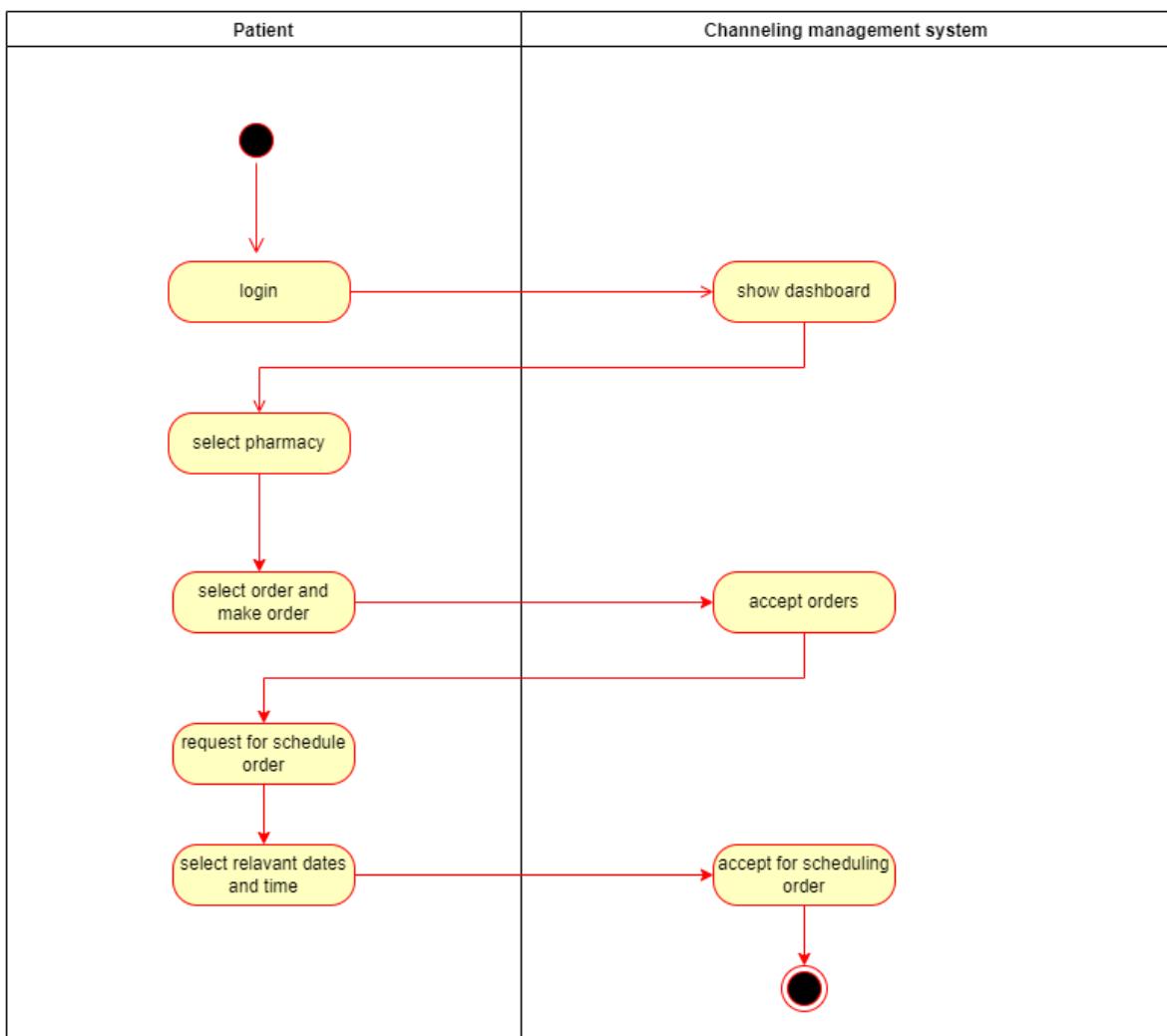
4.4.9.1 Set appointment



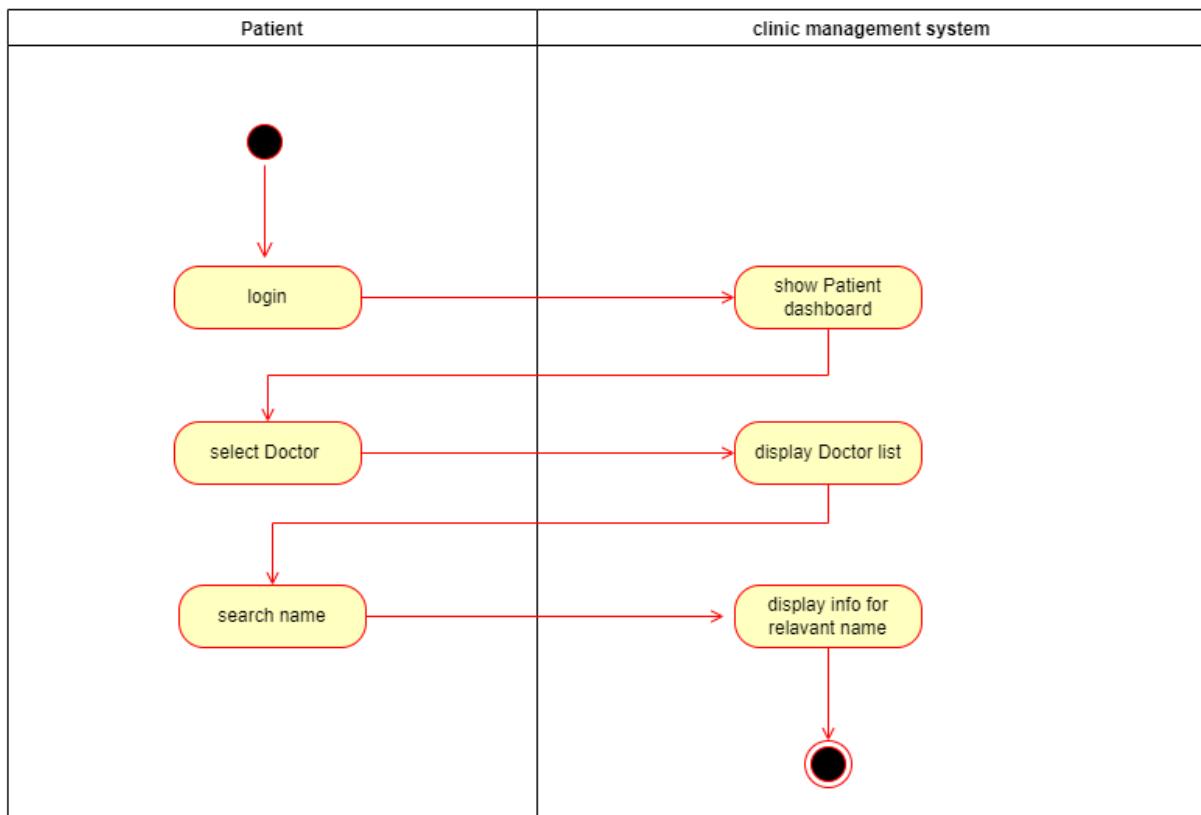
4.4.9.2 Online medicine and scheduled & other item order



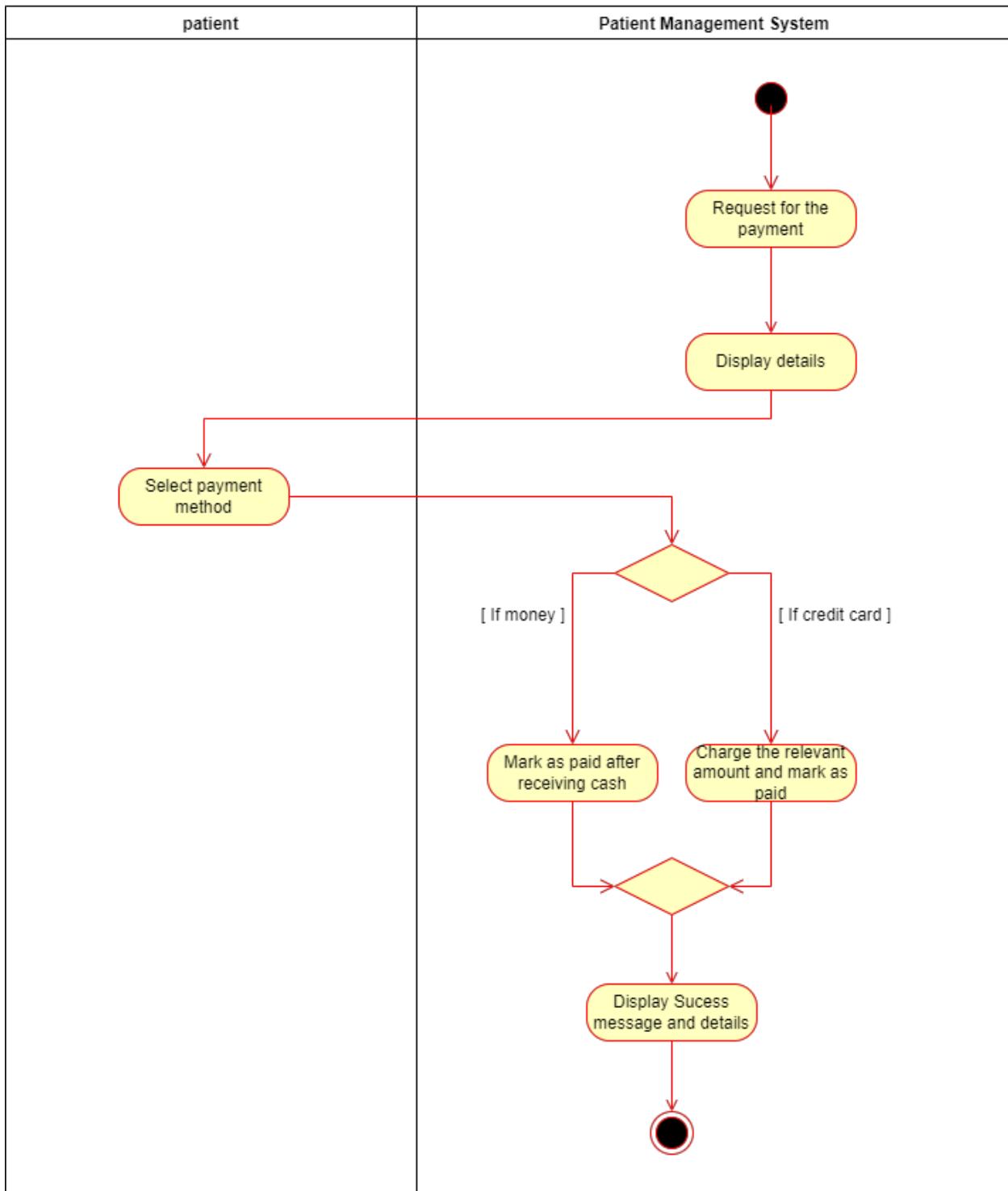
4.4.9.3 Schedule orders



4.4.9.4 Search channeling doctor detail

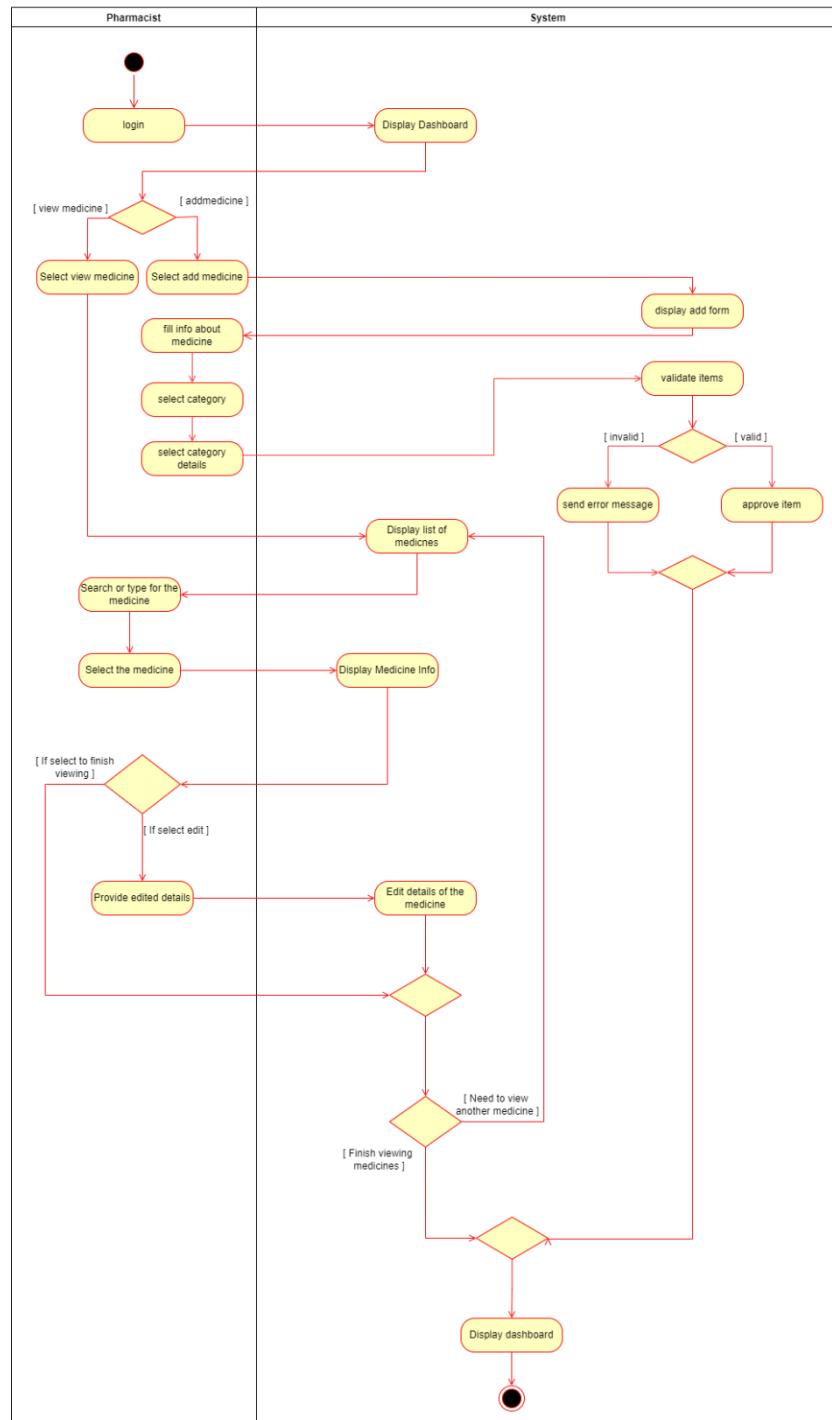


4.4.9.5 Make payment

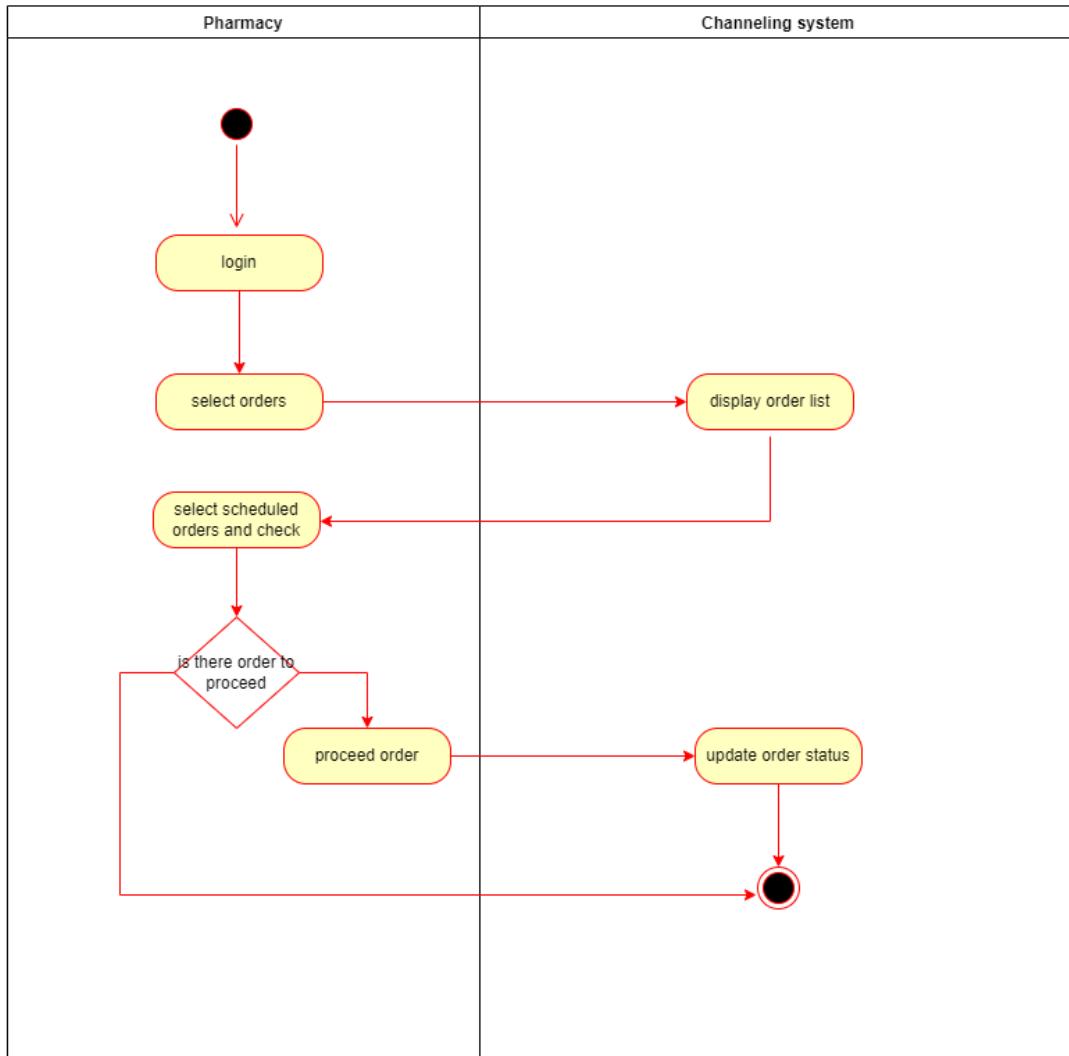


4.4.10. Pharmacy

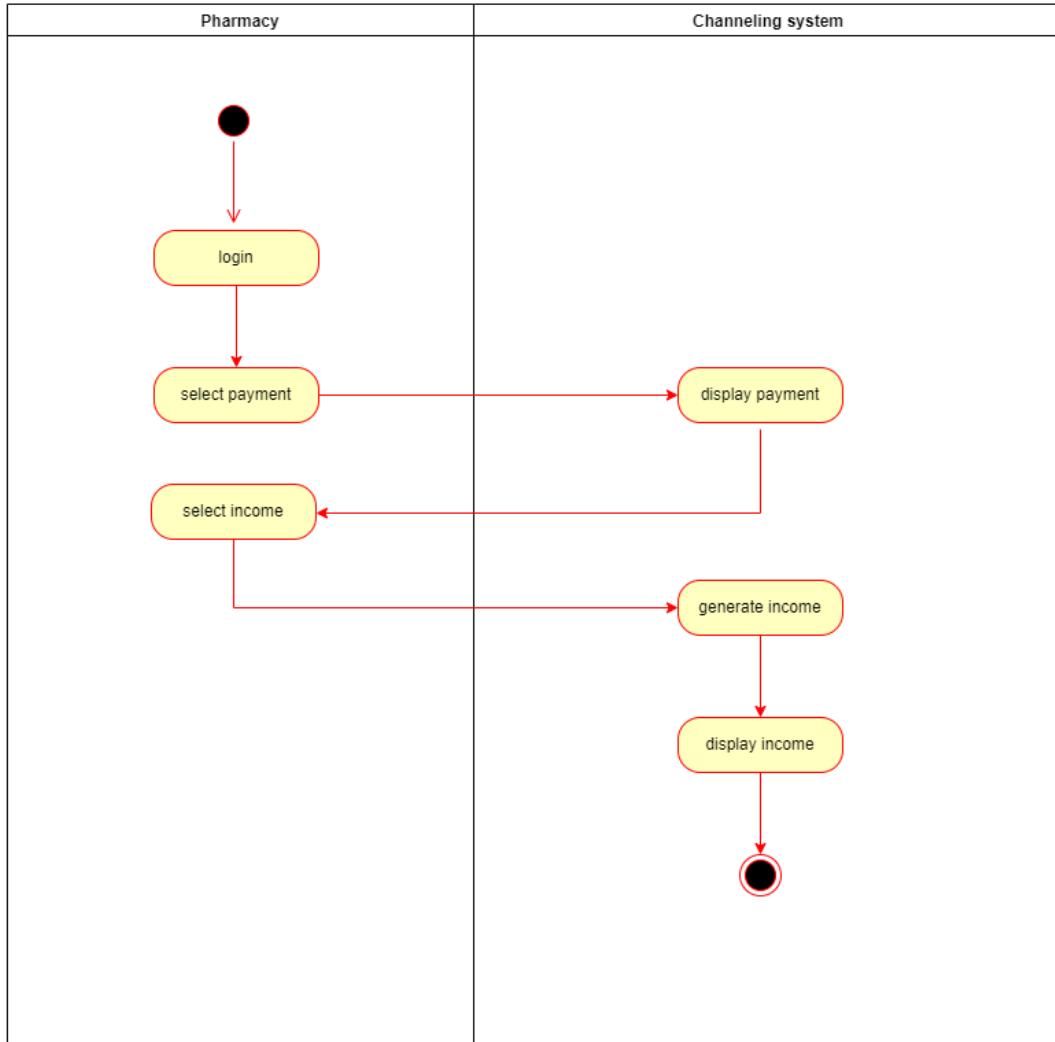
4.4.10.1 View , update, add medicine



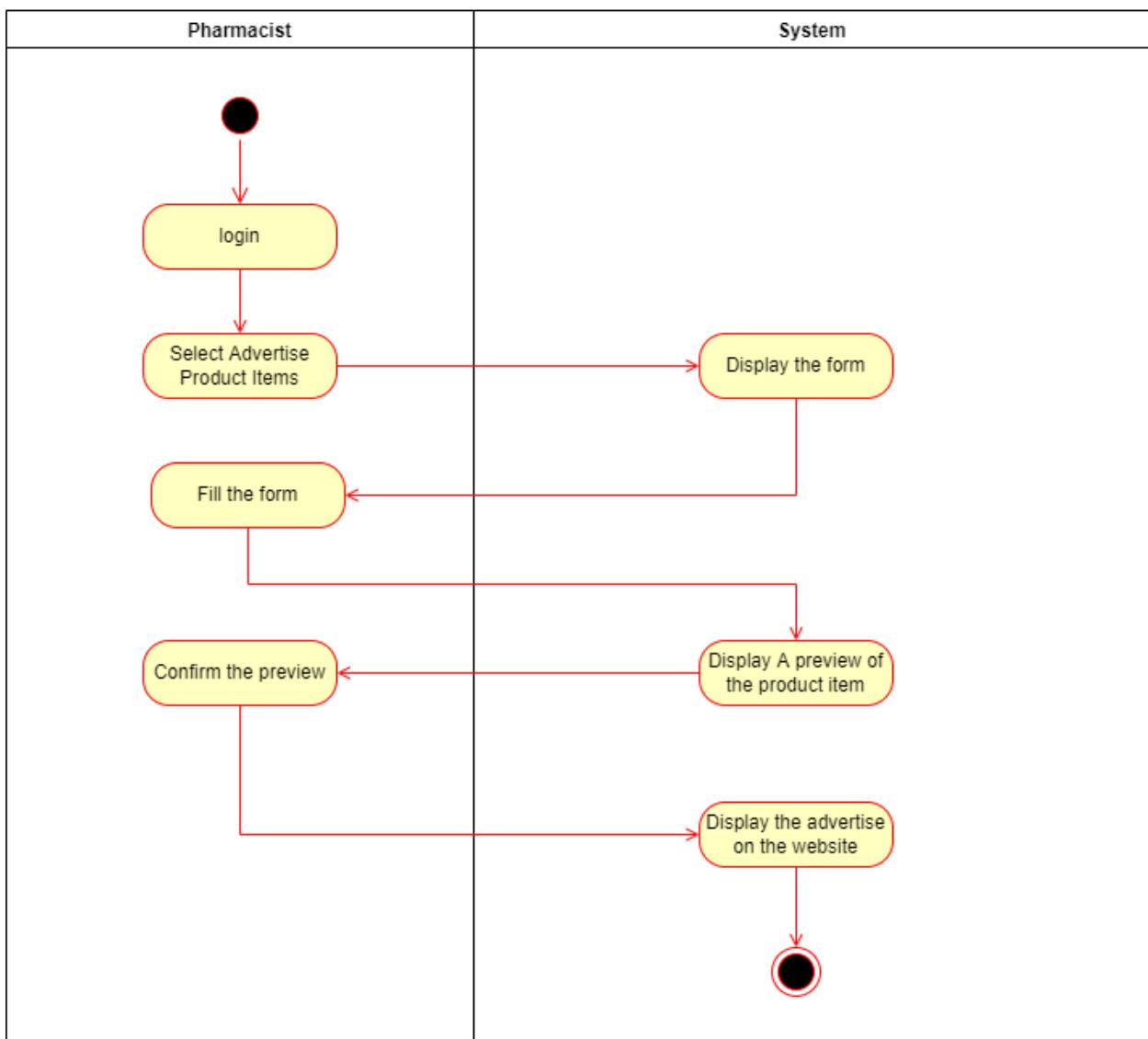
4.4.10.2 See schedule orders



4.4.10.3 Generate income

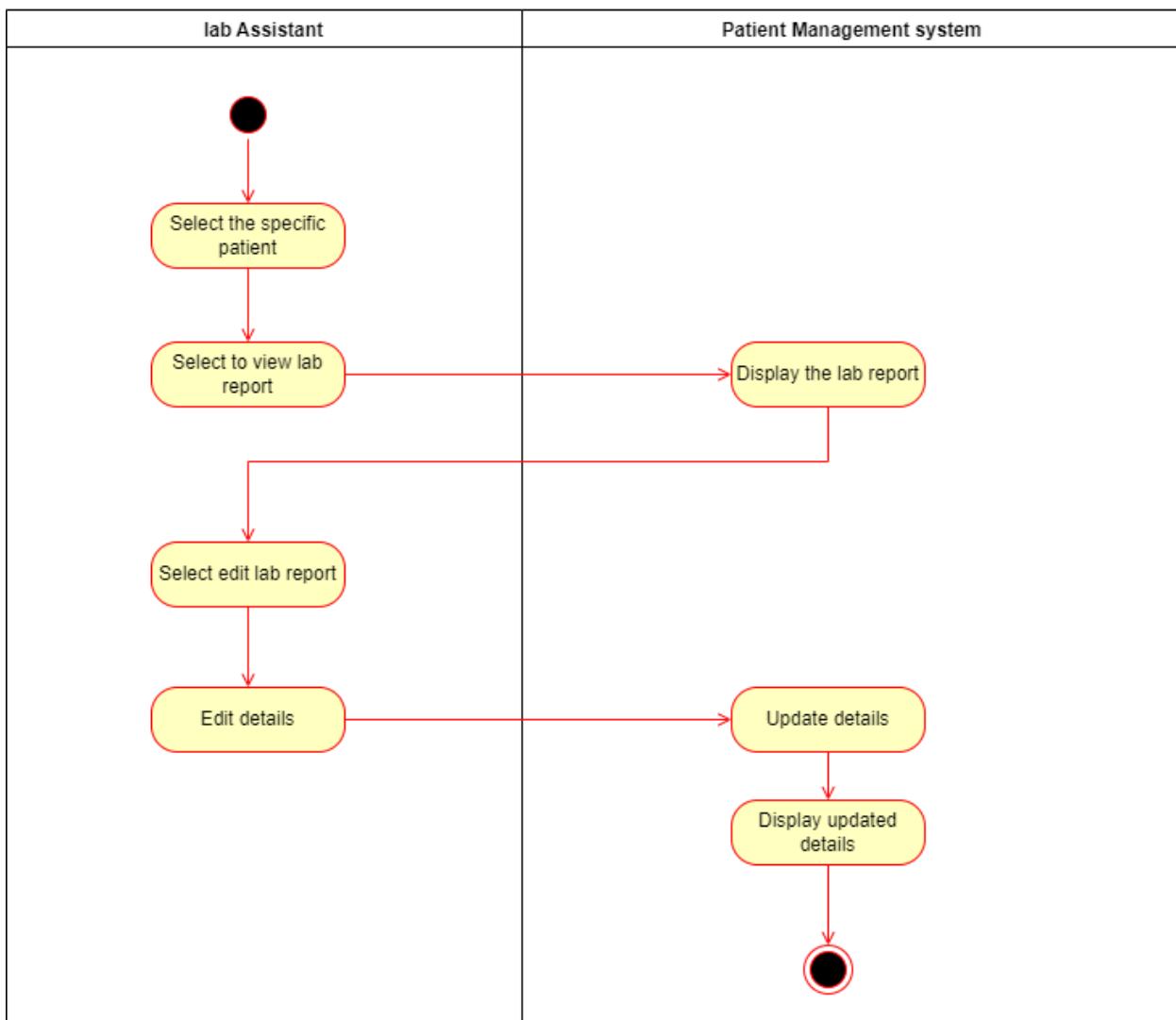


4.4.10.4 Advertise Product

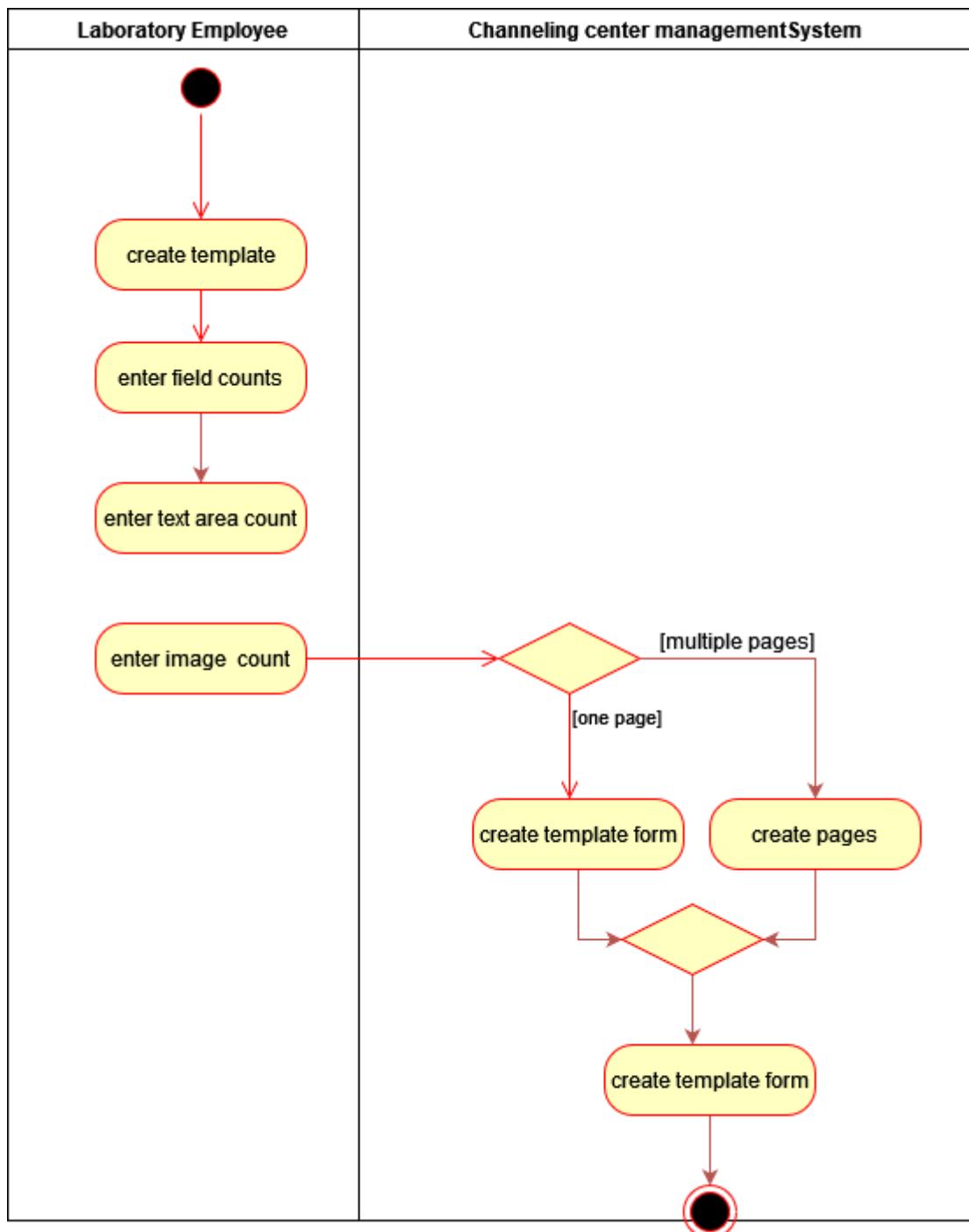


4.4.11. Laboratory

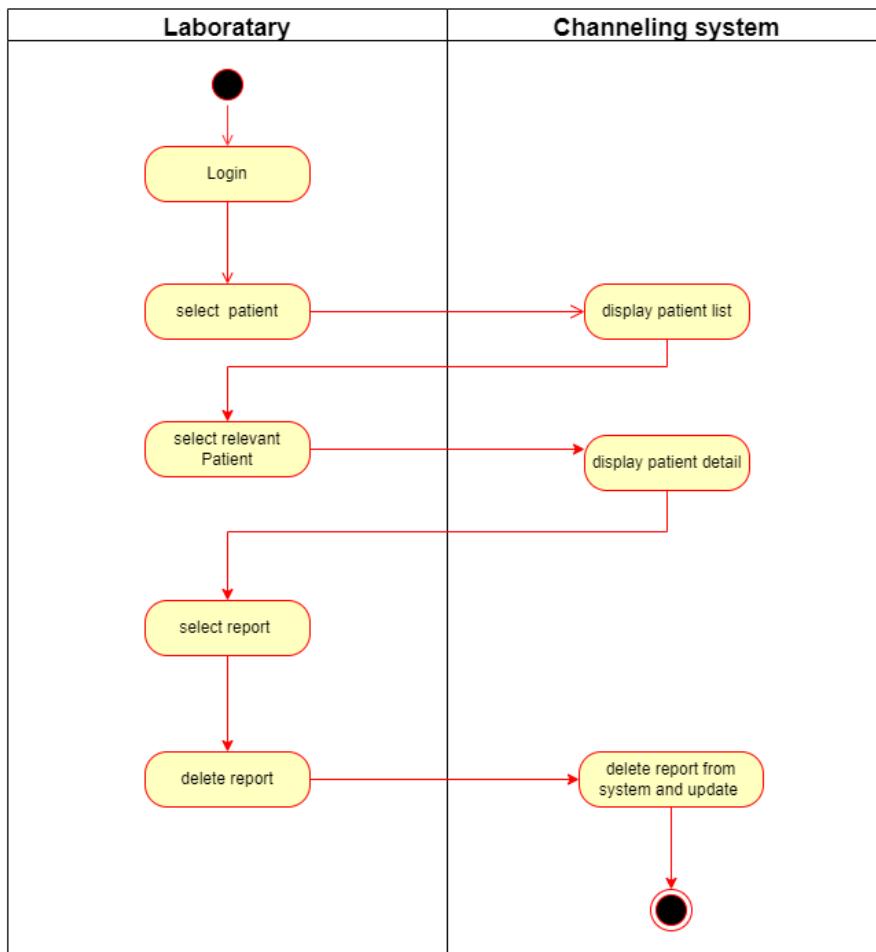
4.4.11.1 Edit lab test report



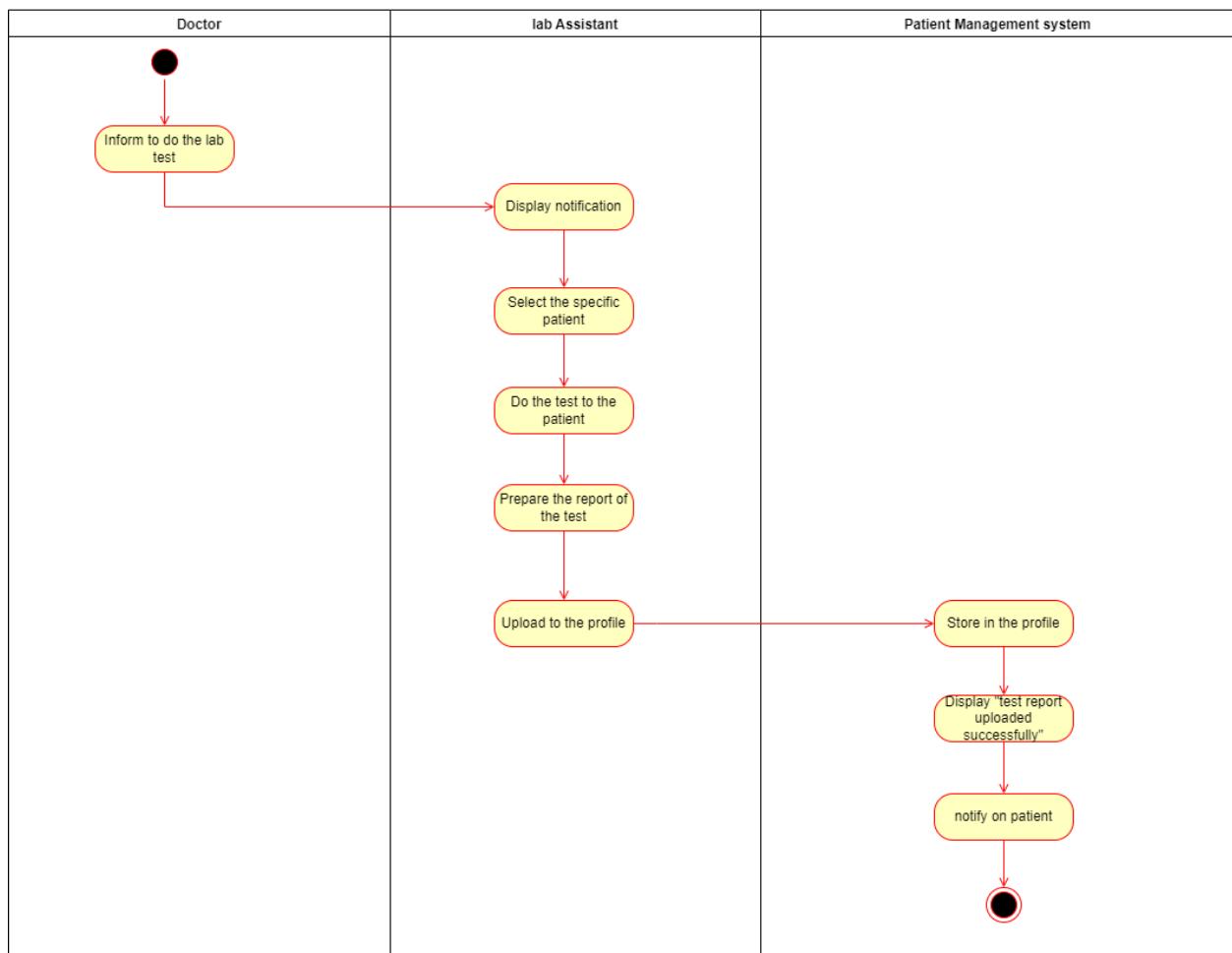
4.4.11.2 Create template



4.4.11.3 Delete report

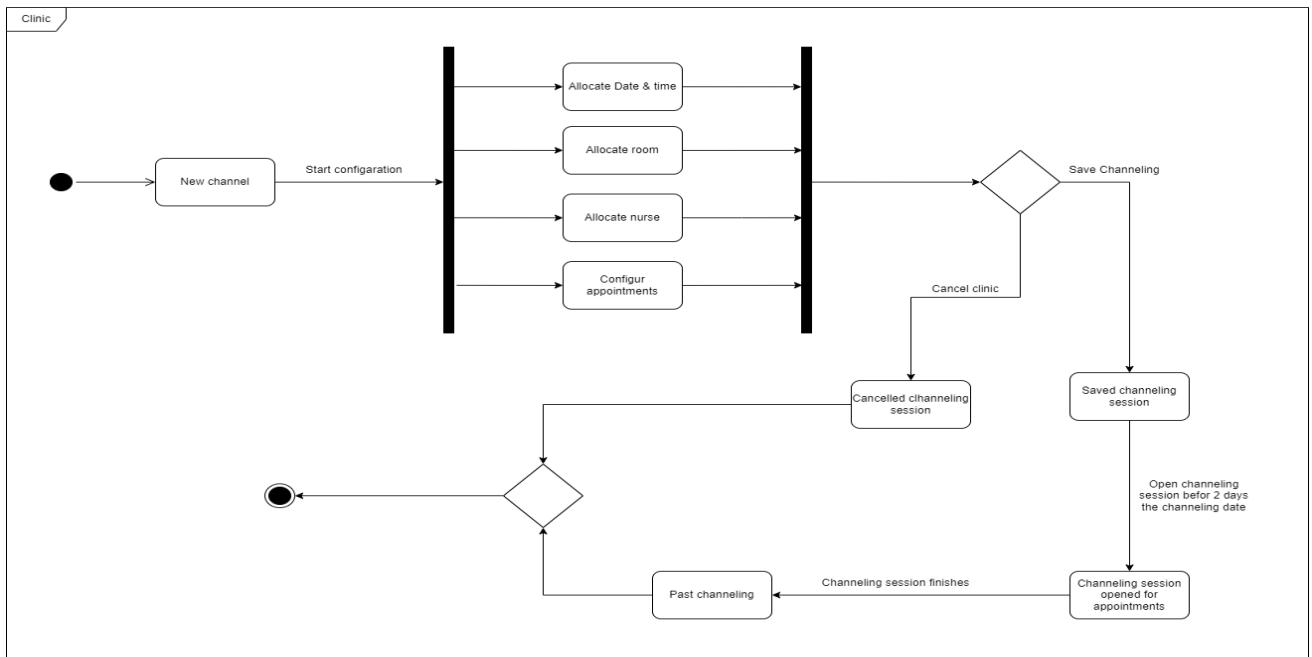


4.4.11.4 Lab test to be done

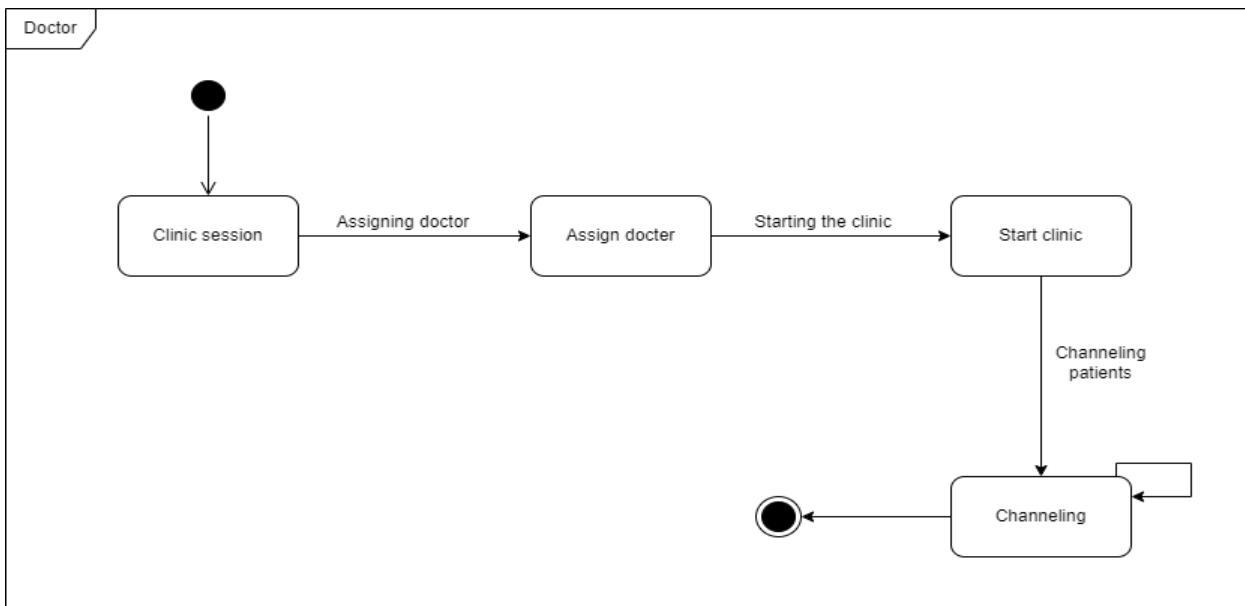


4.5 State transition diagrams

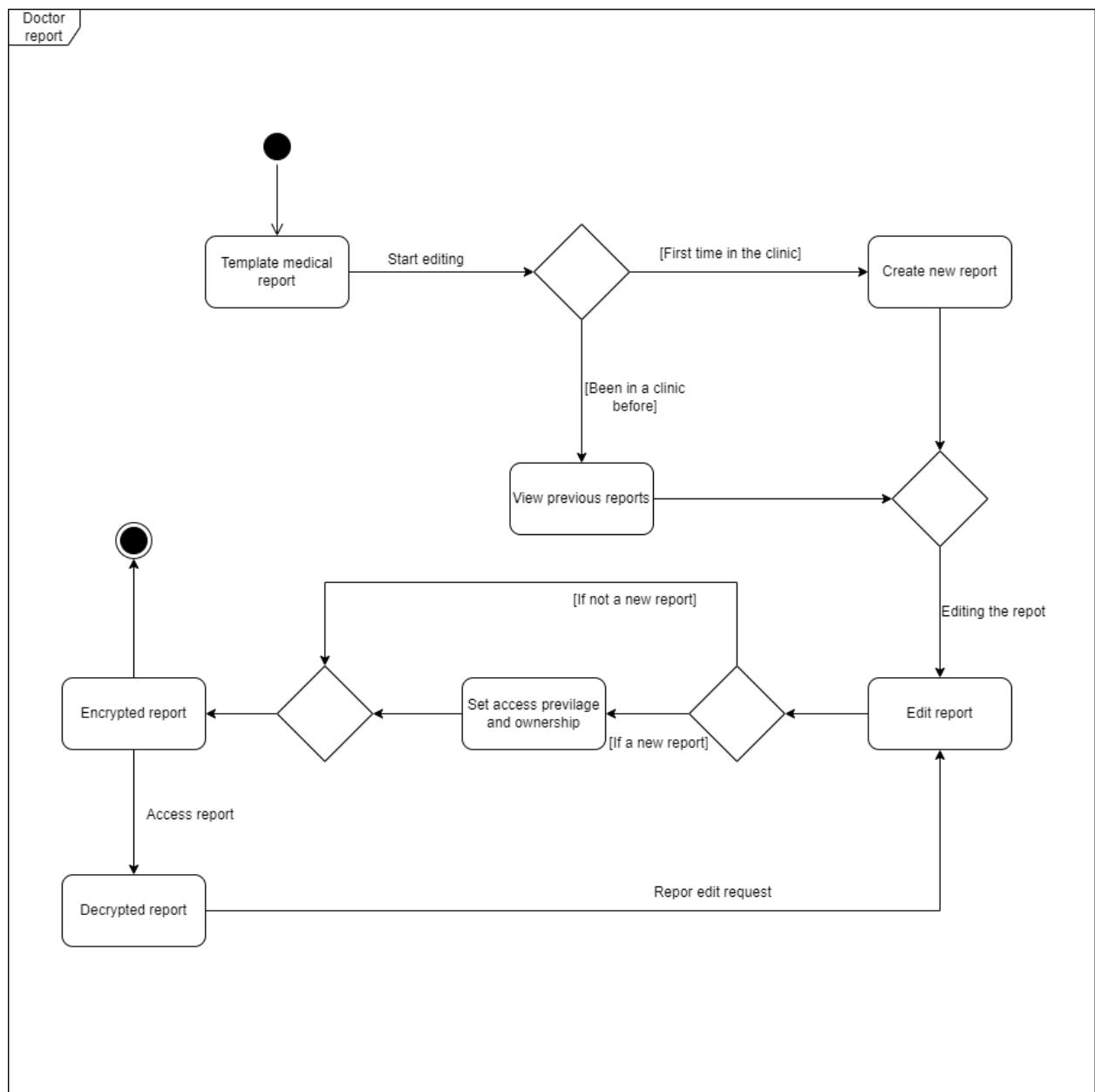
4.5.1 Channeling status diagram



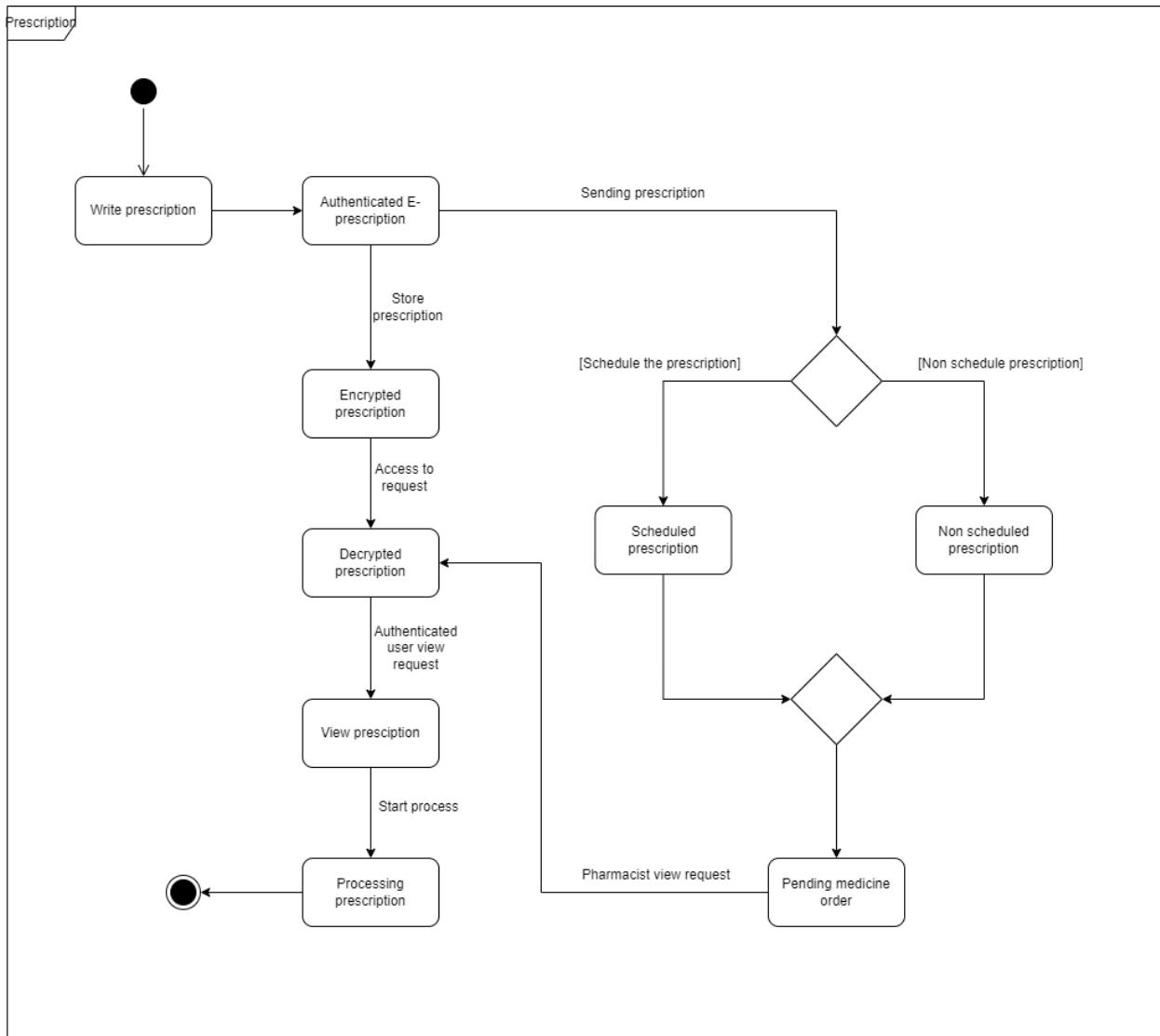
4.5.2 Doctor status diagram



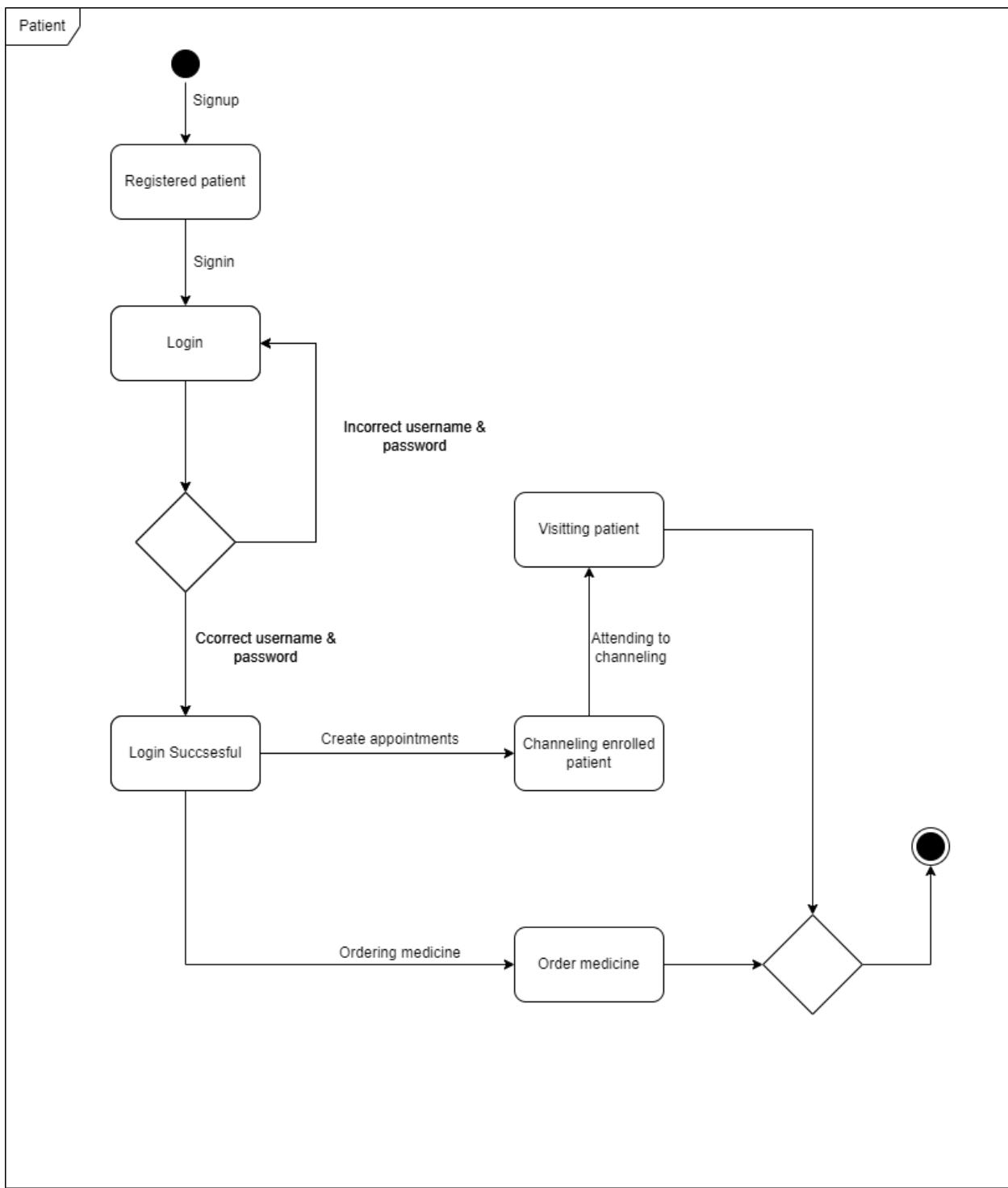
4.5.3 Doctor medical report status diagram



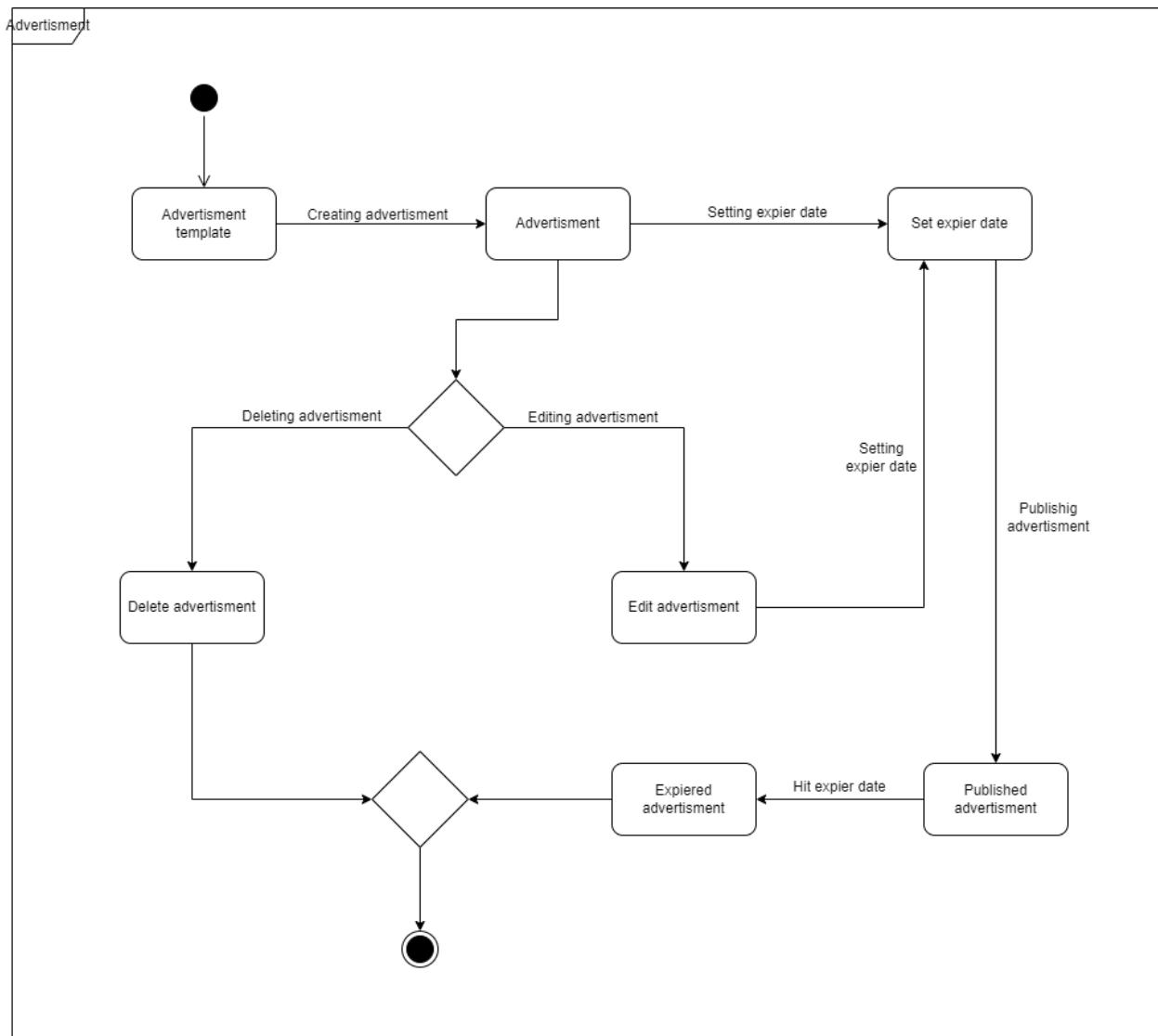
4.5.4 E-prescription status diagram



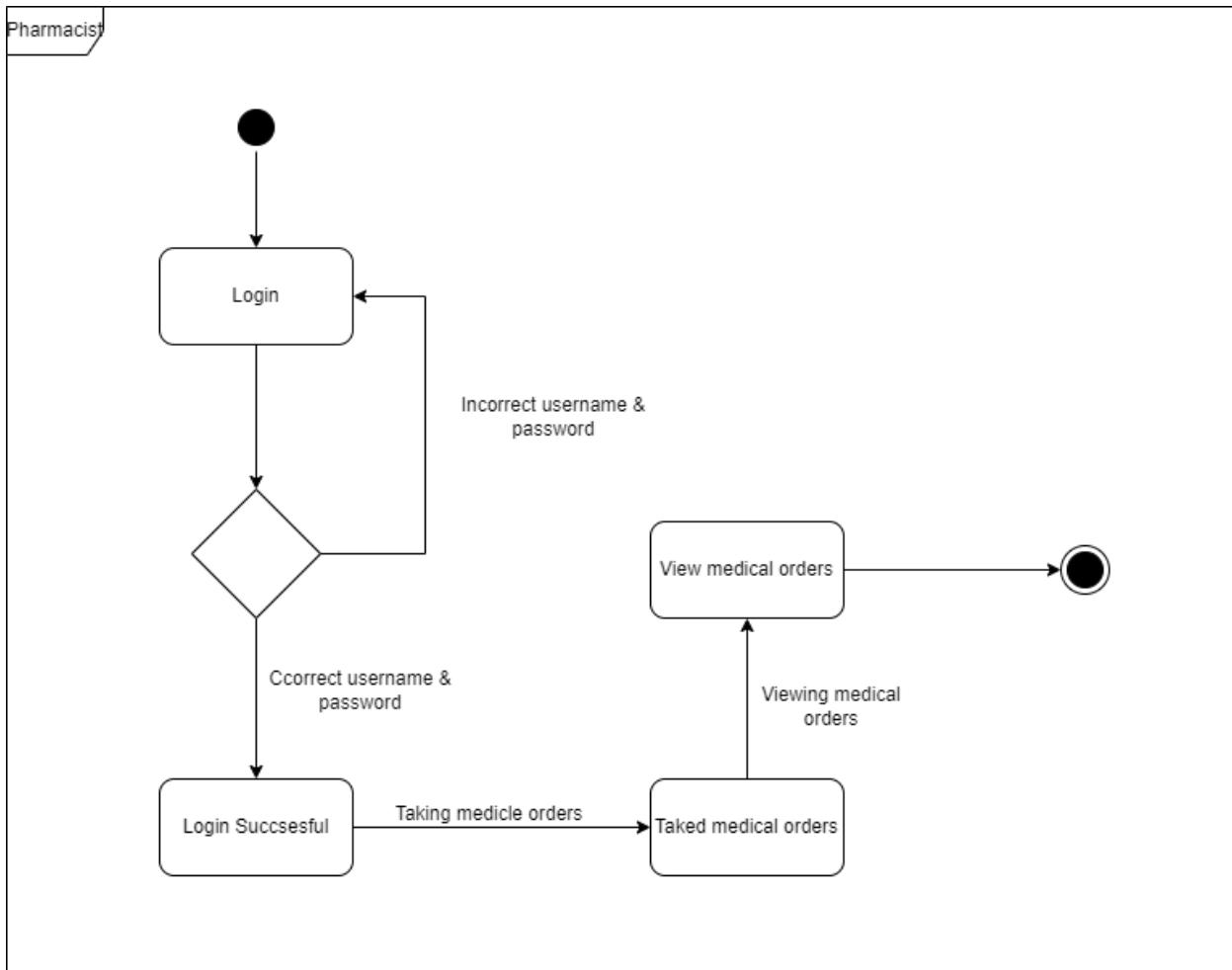
4.5.5 Patient status diagram



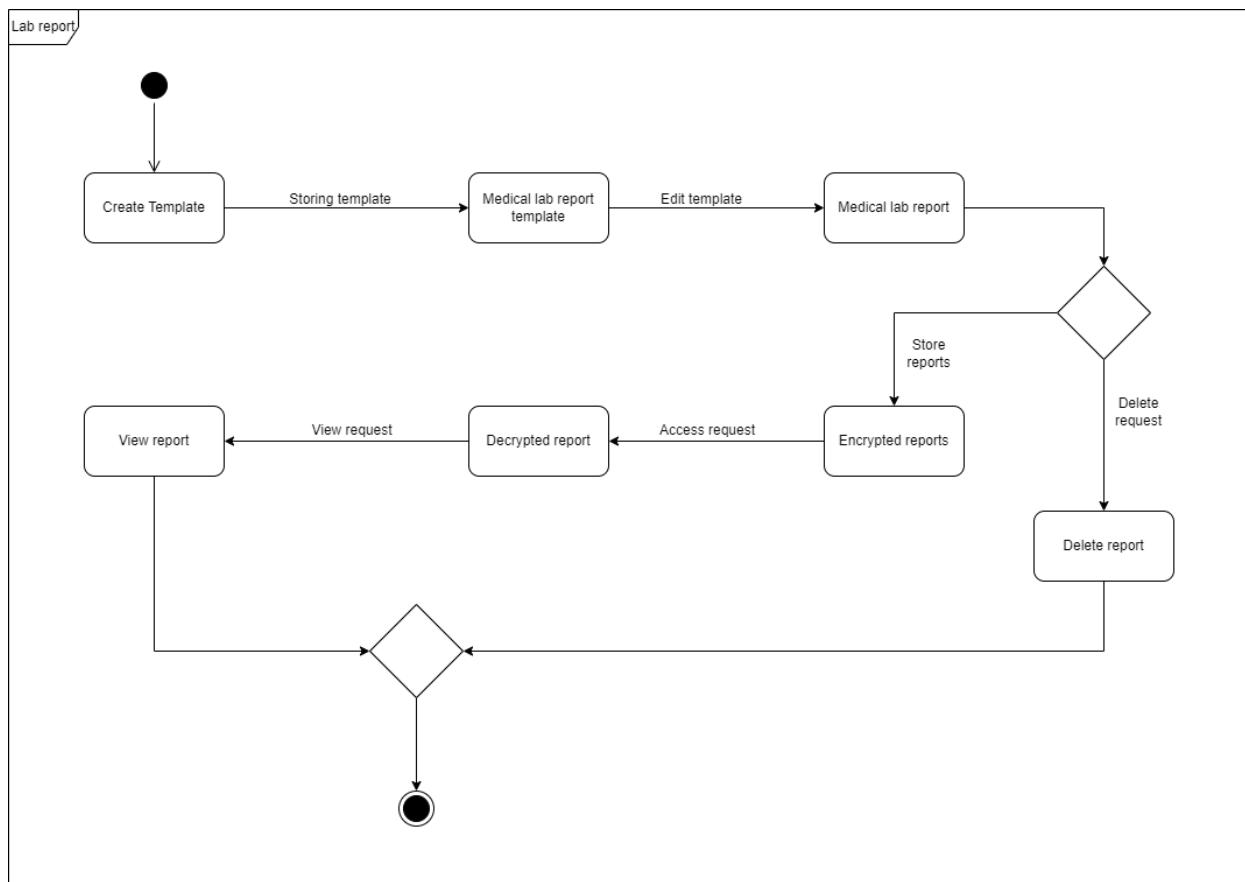
4.5.6 Advertisement status diagram



4.5.7 Pharmacist status diagram



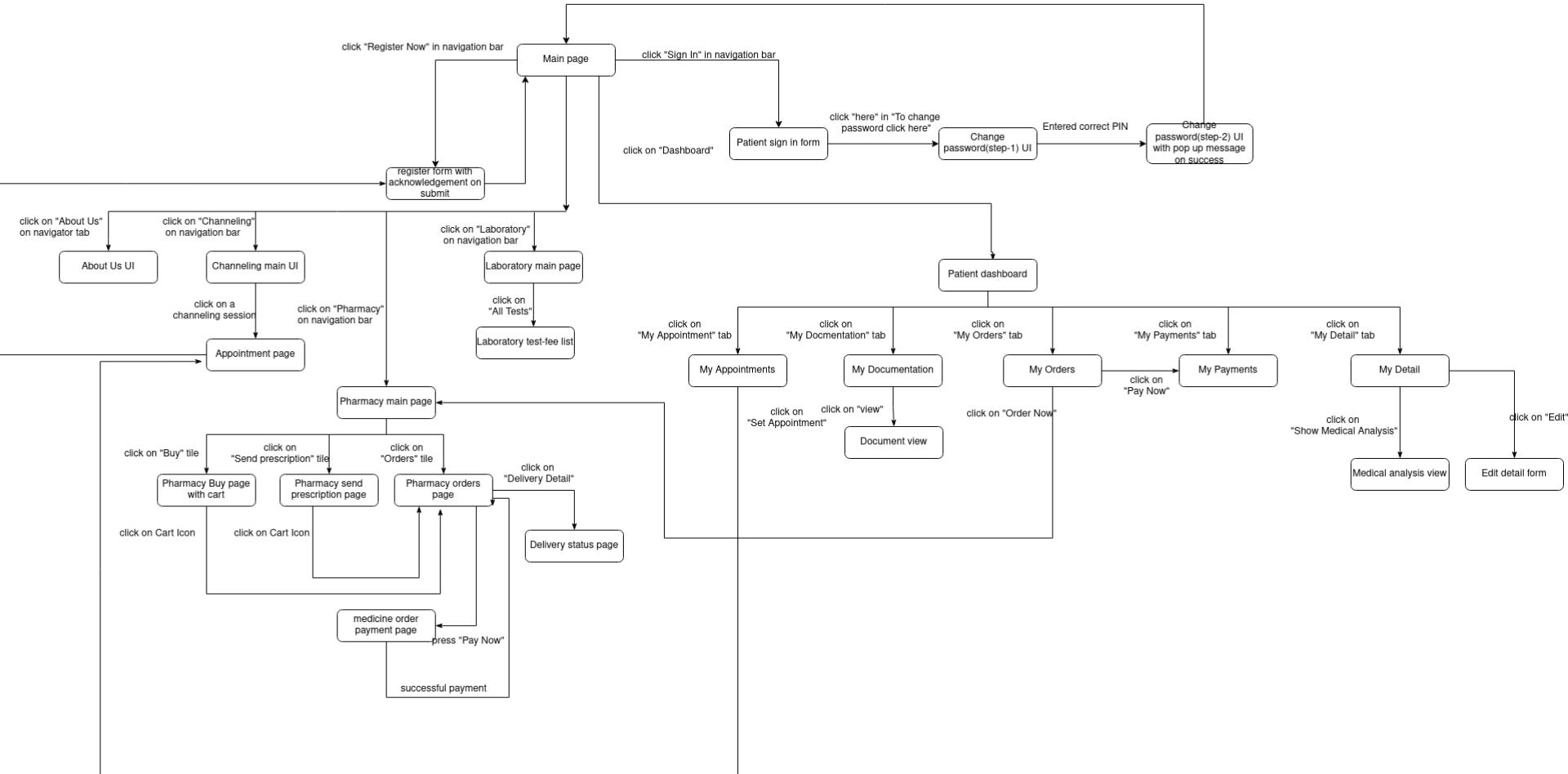
4.5.8 Lab report status diagram



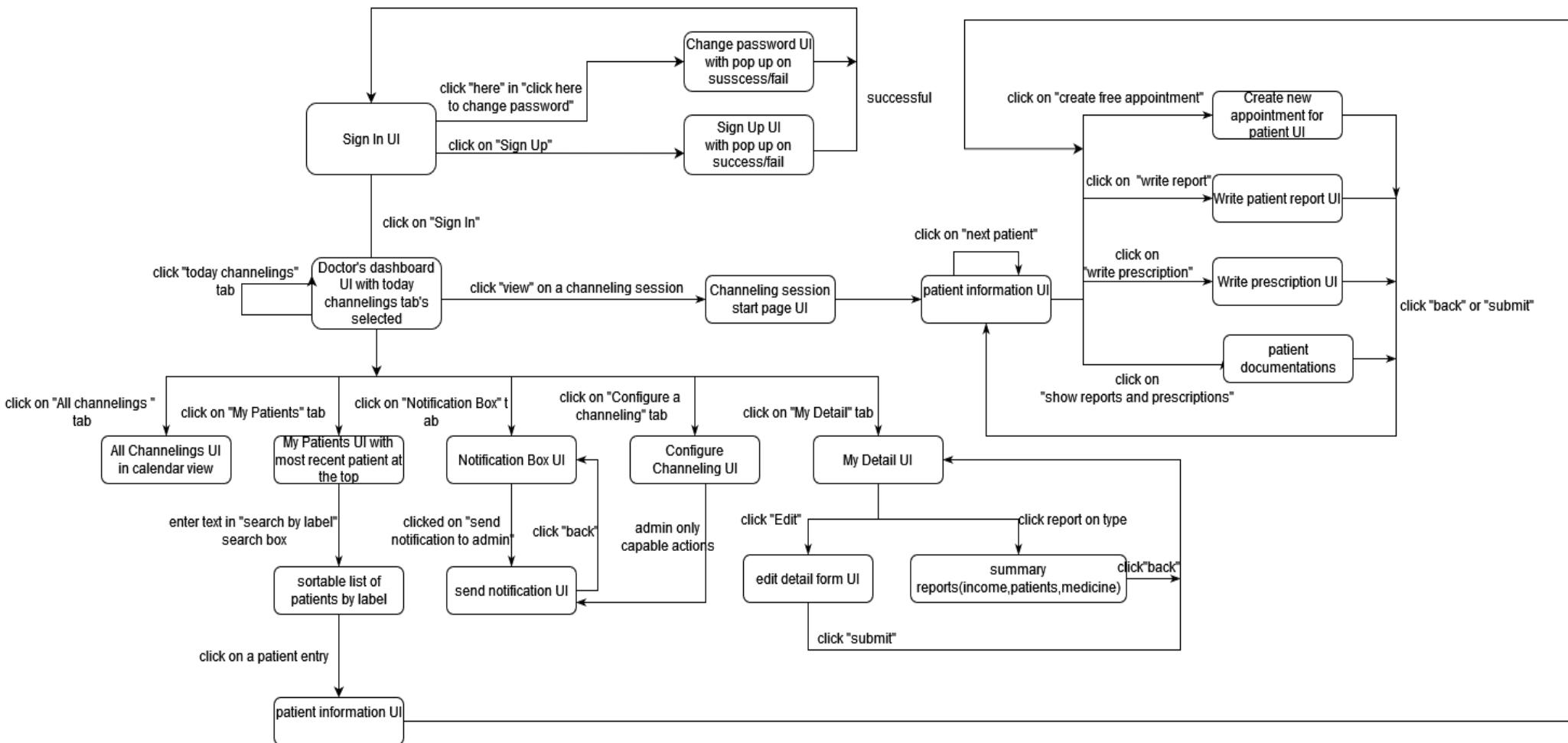
5 User Interface Flow Diagram using wireframes

5.1 UI Flow Diagram

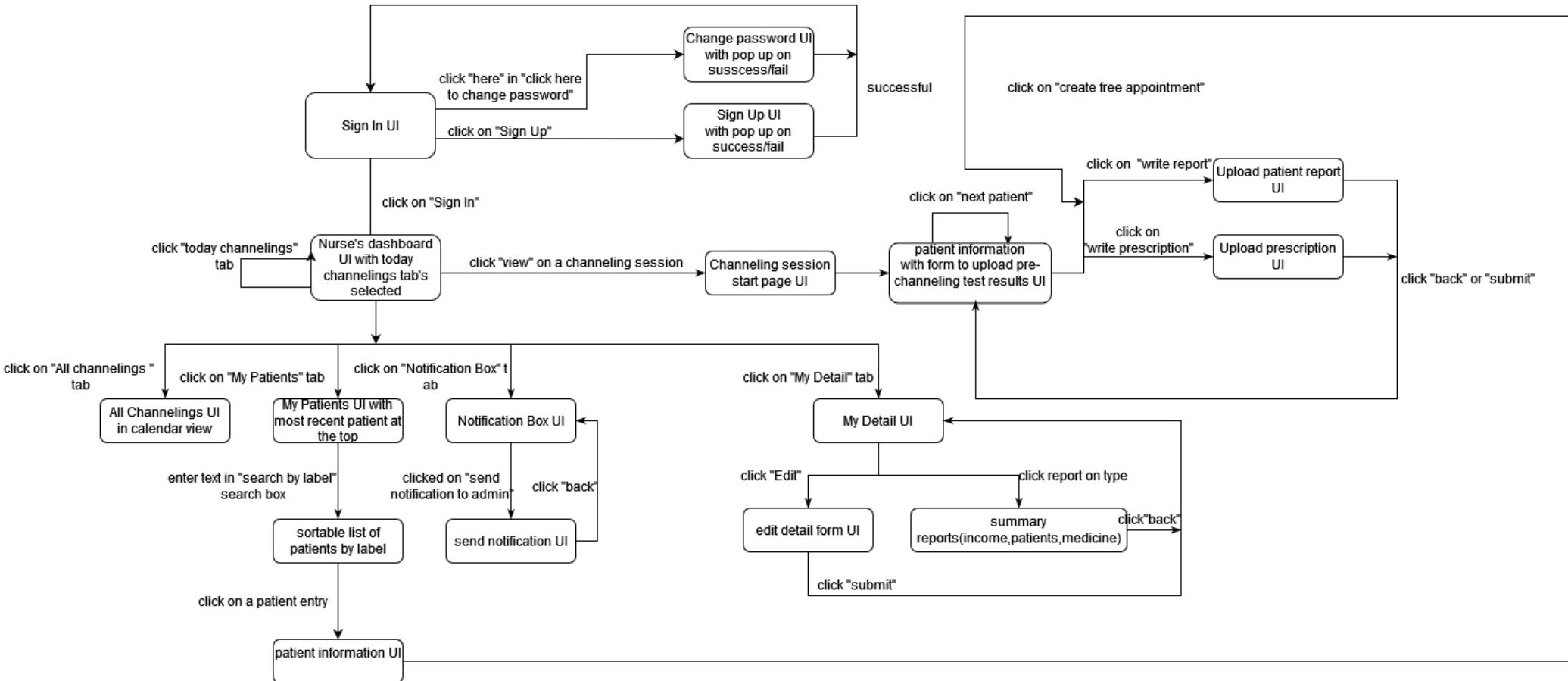
5.1.1 Patient UI flow diagram



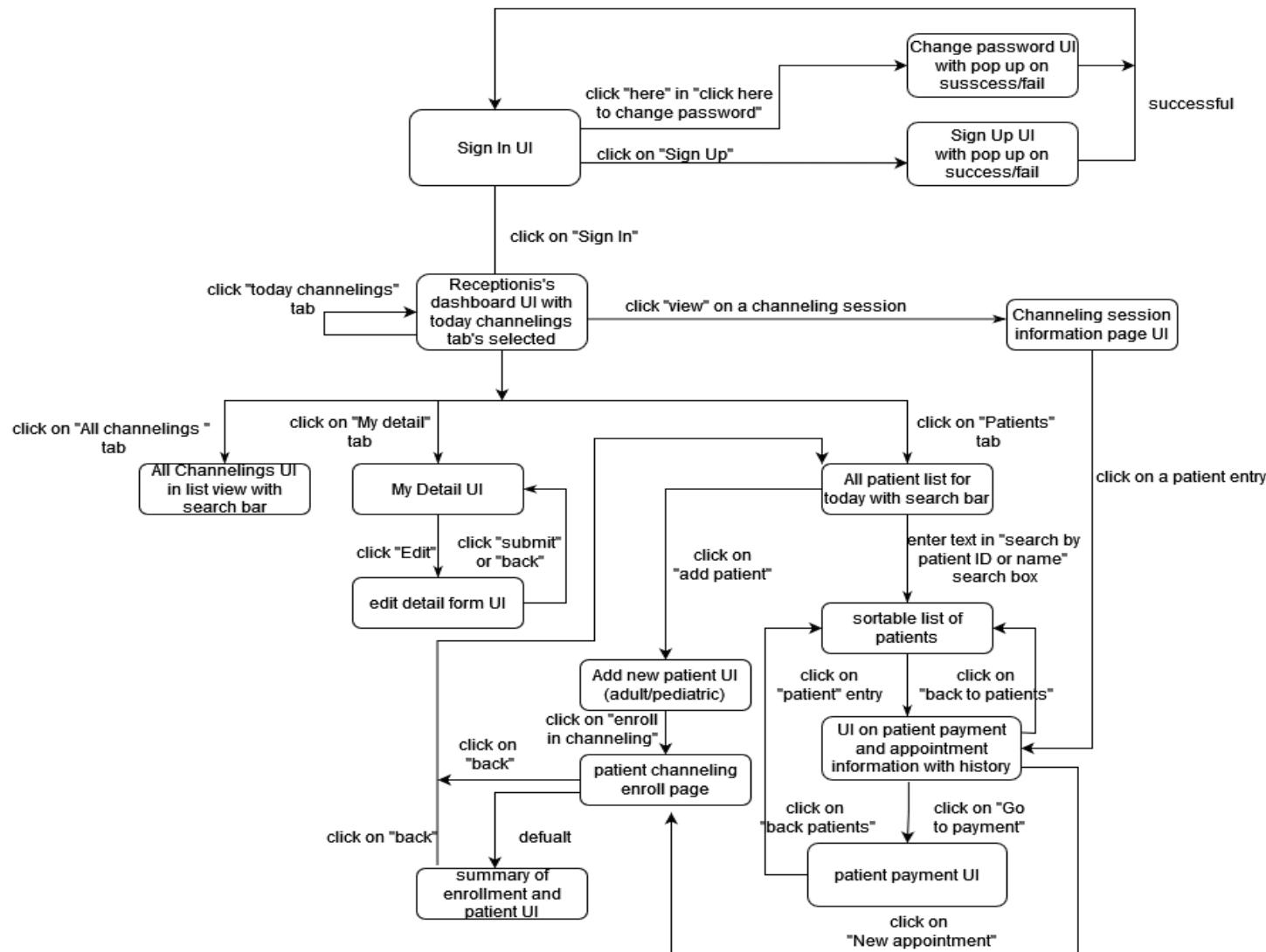
5.1.2 Doctor UI flow diagram



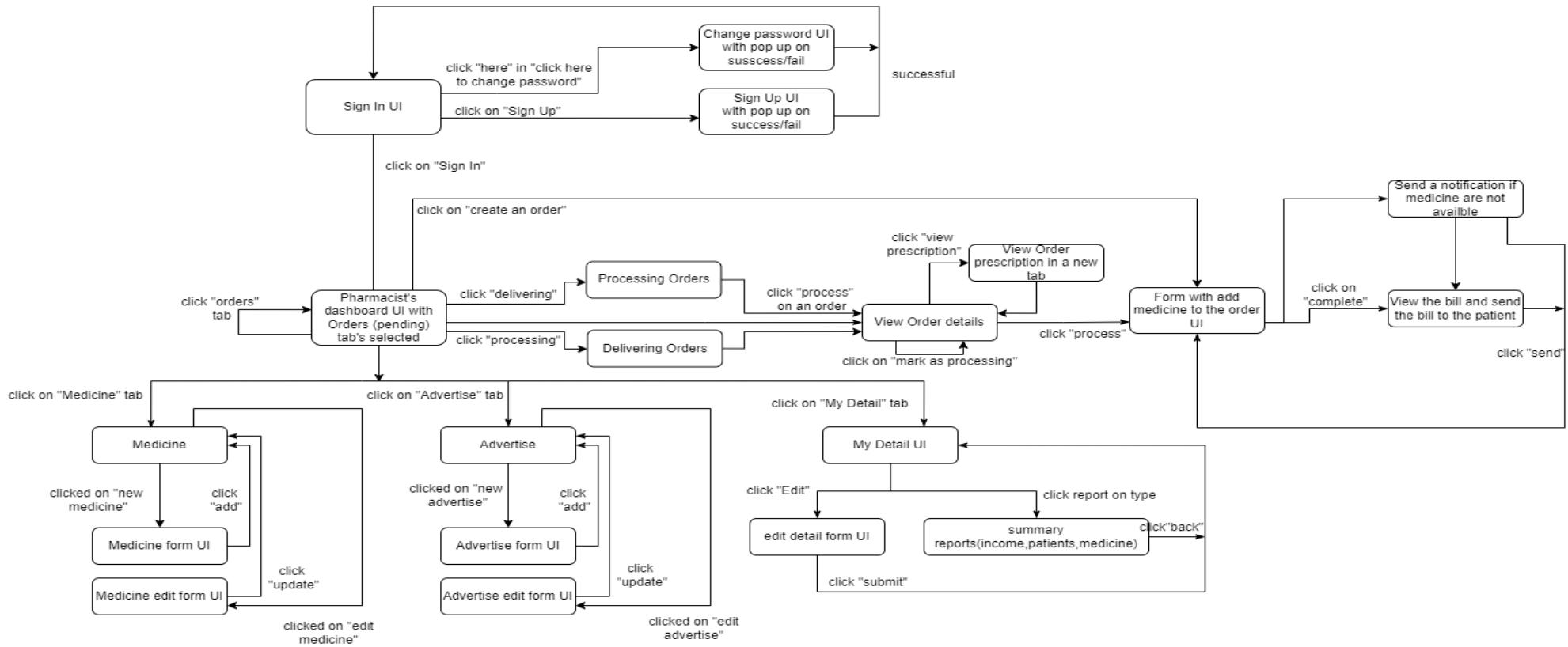
5.1.3 Nurse UI diagram



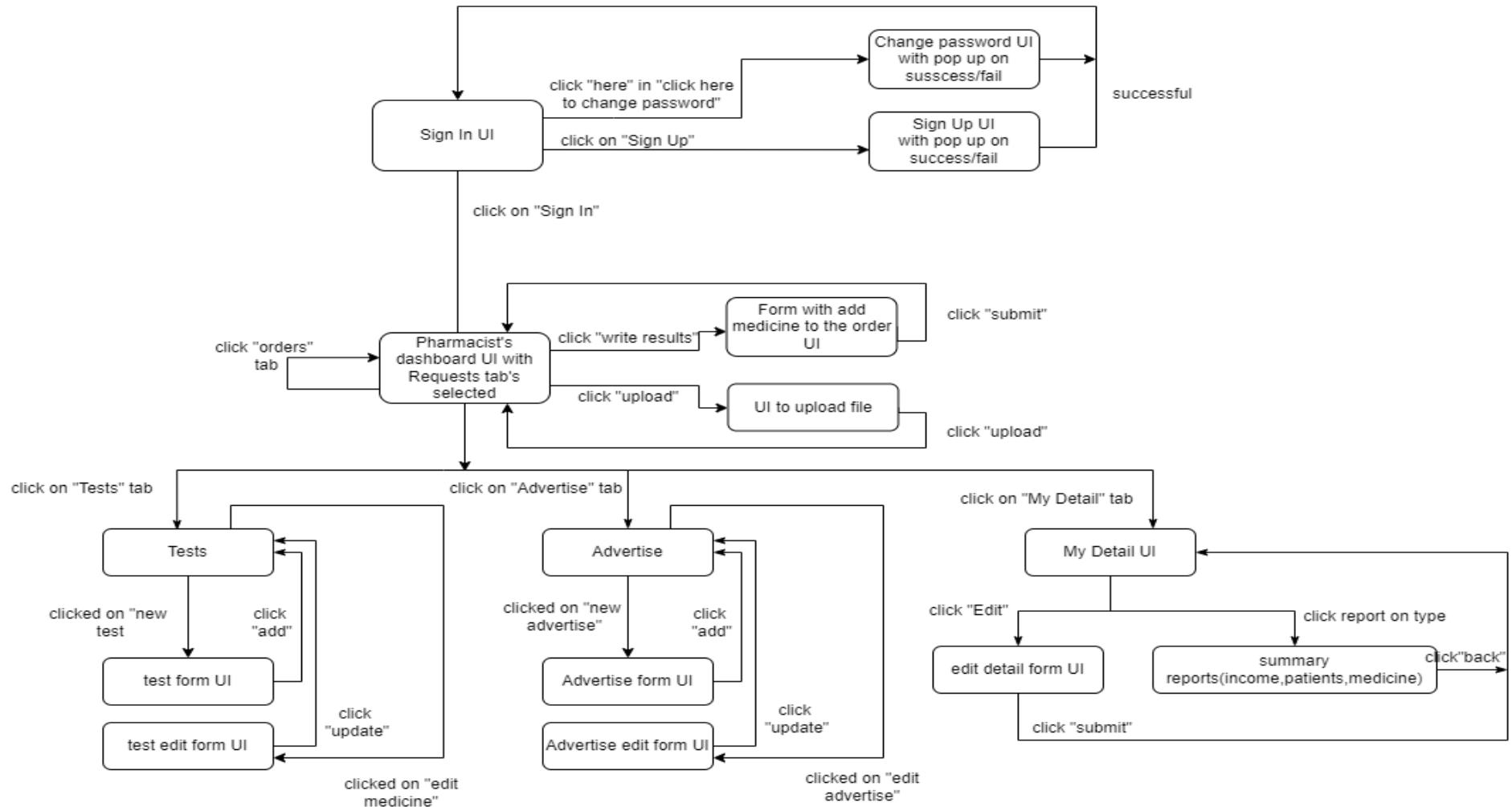
5.1.4 Receptionist UI flow diagram



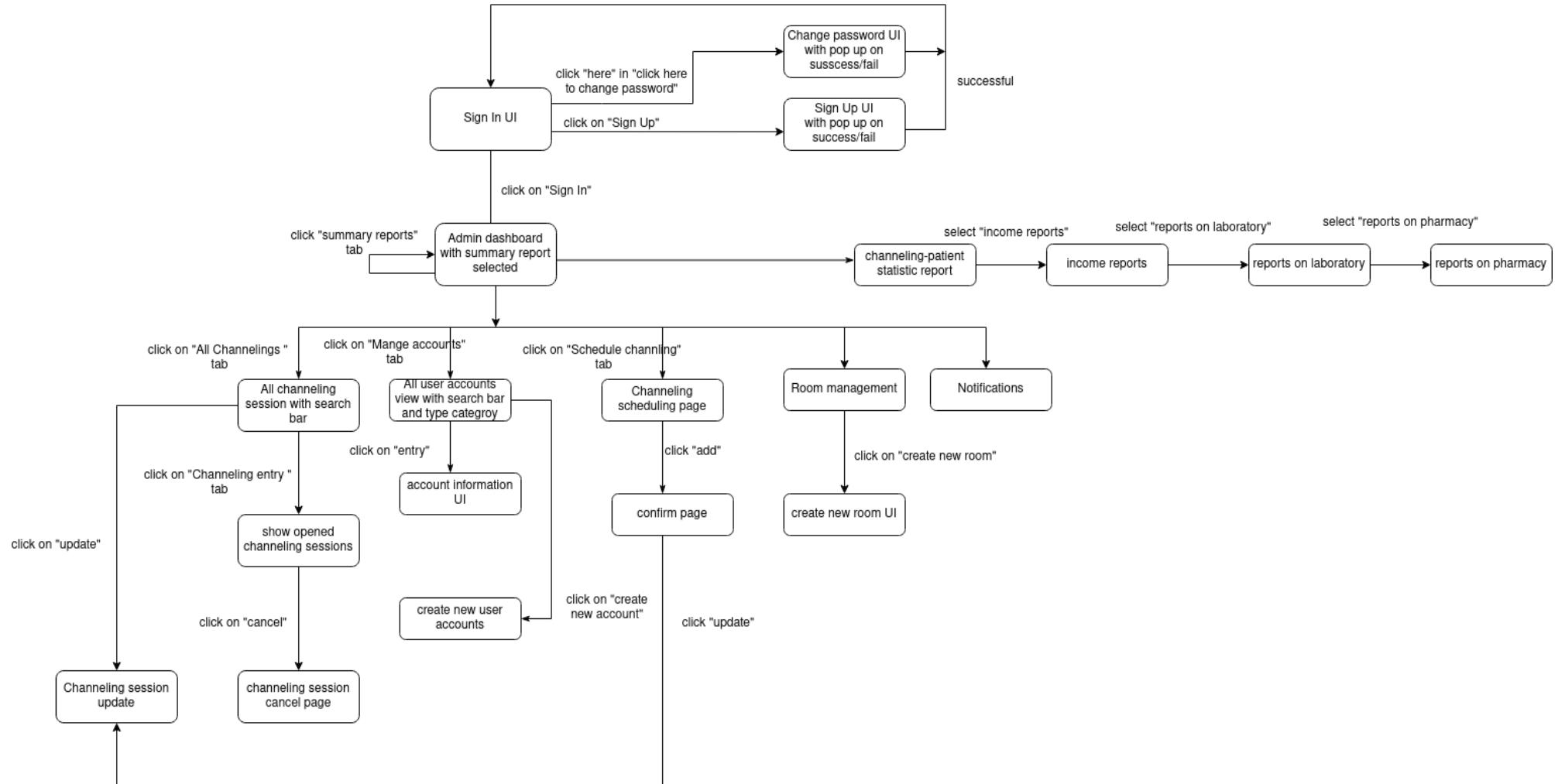
5.1.5 Pharmacist UI flow diagram



5.1.6 Laboratorist UI flow diagram

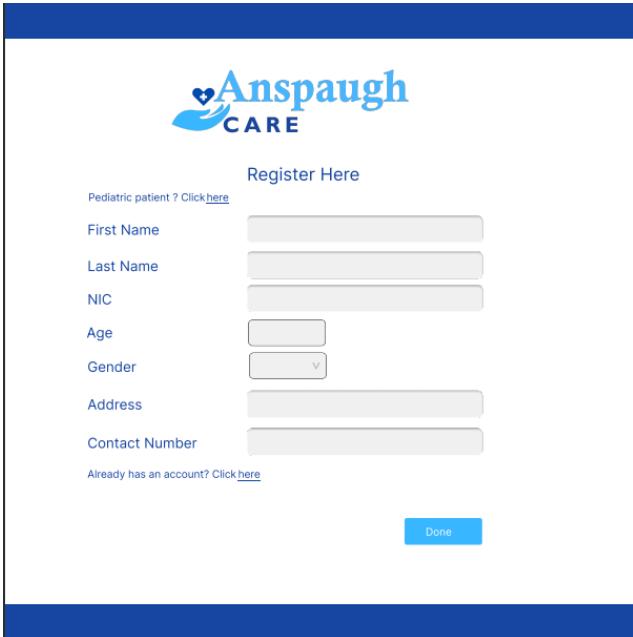


5.1.7 Administrator UI flow diagram



5.2 UI Prototypes

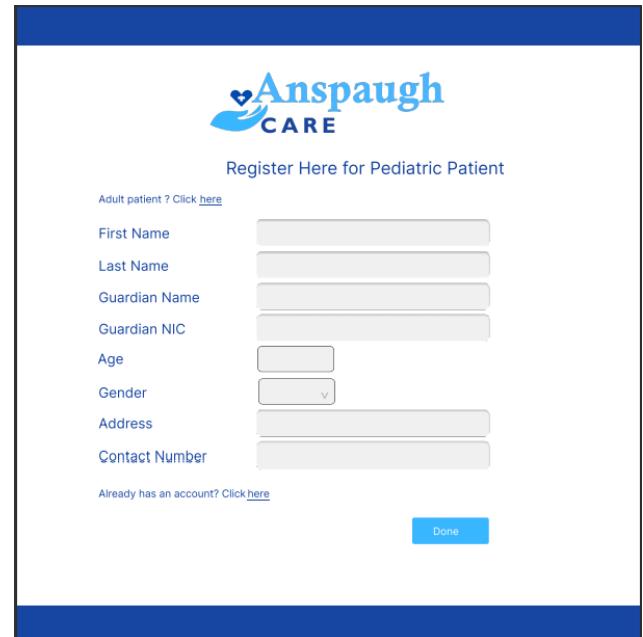
5.2.1 Registration



The registration form for adults is titled "Register Here". It includes fields for First Name, Last Name, NIC, Age, Gender, Address, and Contact Number. There is also a link for existing users and a "Done" button.

Field	Type	Description
First Name	Text	Input field for first name
Last Name	Text	Input field for last name
NIC	Text	Input field for NIC number
Age	Text	Input field for age
Gender	Text	Input field for gender
Address	Text	Input field for address
Contact Number	Text	Input field for contact number

Figure 1: Adult Registration Form

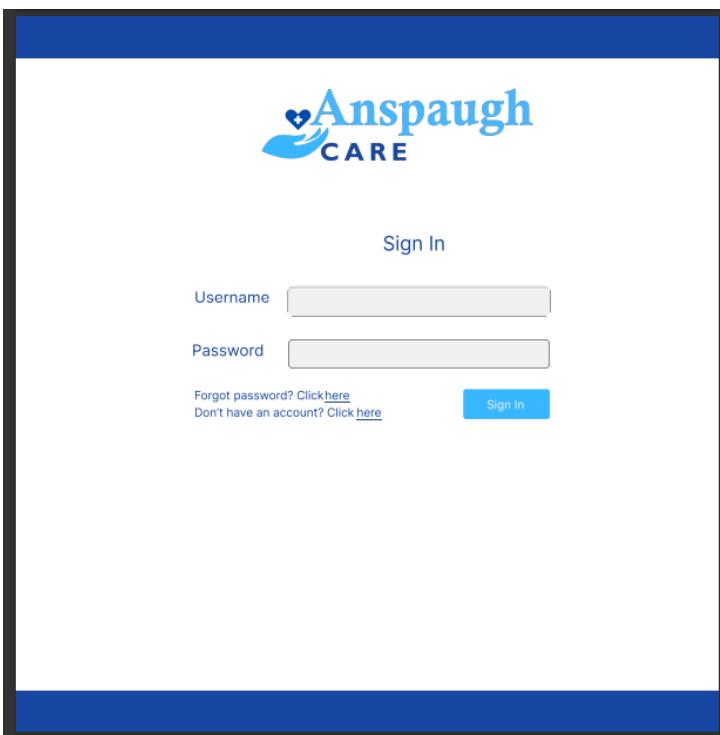


The registration form for pediatric patients is titled "Register Here for Pediatric Patient". It includes fields for First Name, Last Name, Guardian Name, Guardian NIC, Age, Gender, Address, and Contact Number. There is also a link for existing users and a "Done" button.

Field	Type	Description
First Name	Text	Input field for first name
Last Name	Text	Input field for last name
Guardian Name	Text	Input field for guardian name
Guardian NIC	Text	Input field for guardian NIC
Age	Text	Input field for age
Gender	Text	Input field for gender
Address	Text	Input field for address
Contact Number	Text	Input field for contact number

Figure 2: Pediatric Registration Form

5.2.2 Login



The login interface is titled "Sign In". It features fields for Username and Password, along with links for password recovery and account creation, and a "Sign In" button.

Field	Type	Description
Username	Text	Input field for username
Password	Text	Input field for password

Figure 3: Signin UI

5.2.3 Change Password

The figure consists of two side-by-side screenshots of a mobile application interface. Both screenshots feature a blue header bar with the Anspaugh CARE logo. The left screenshot, titled "Change Password - Step 1 of 2", contains a large input field for a PIN, with the placeholder text "Enter the PIN send to your phone". Below this field is a link "If you didn't get the pin click [here](#)". A blue "Next" button is located at the bottom right. The right screenshot, titled "Change Password - Step 2 of 2", contains two input fields: "New Password" and "Retype New Password". At the bottom right is a blue "Done" button.

Figure 4: Password Reset UI

5.2.4 Persoanl Details

The figure consists of two side-by-side screenshots of a mobile application interface. Both screenshots feature a blue header bar with the Anspaugh CARE logo and a user profile icon. The left screenshot shows a list of navigation items: "All Clinics", "Todays Clinics", "Patients", and "My Detail". The main content area displays a profile card for "Carol Hathaway" with ID "NRS123". The card includes the following information: Full Name : Carol Hathaway, NIC No. : 908089800v, Age : 30 yrs, Gender : Female, Contact no. : 07729098, Address : , and Role : Nurse. A blue "Edit" button is at the bottom right of the card. The right screenshot shows the same profile card for "Carol Hathaway" with ID "DR123". The card includes the following information: Full Name : (empty), NIC : (empty), Age : (empty), Gender : (empty) with radio buttons for M and F selected, Contact no. : (empty), and Address : (empty). A blue "Save" button is at the bottom right of the card.

Figure 5: Personal Details UI

5.2.5 Patient

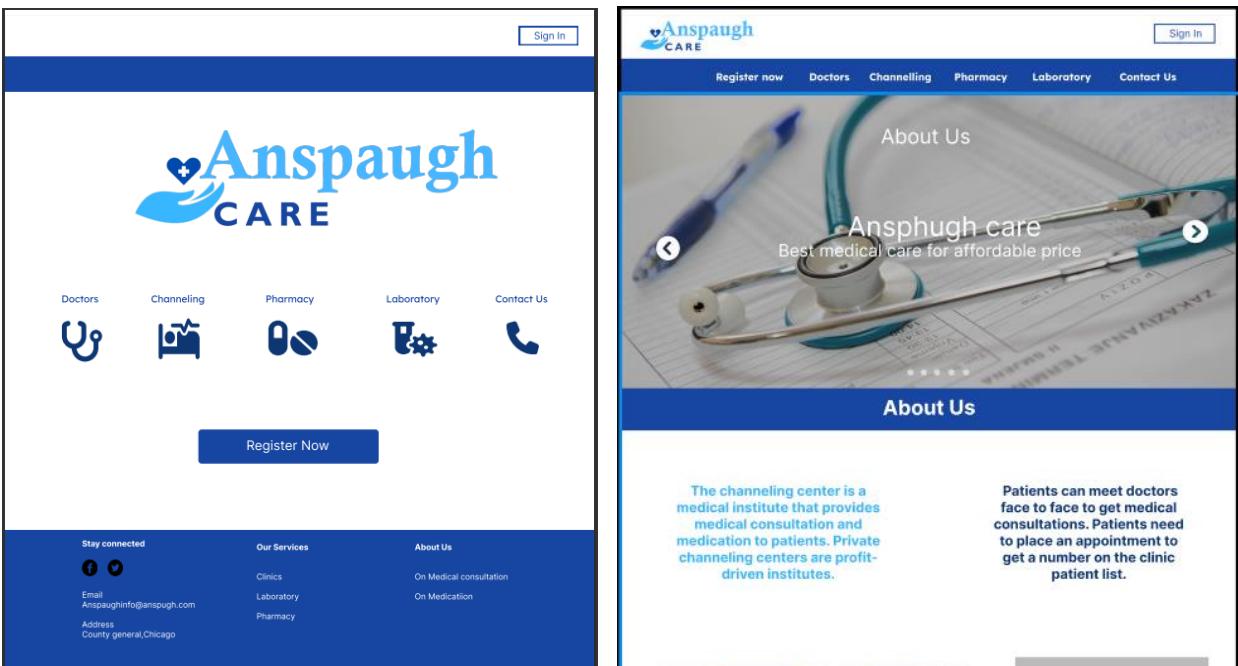


Figure 6: Home Page

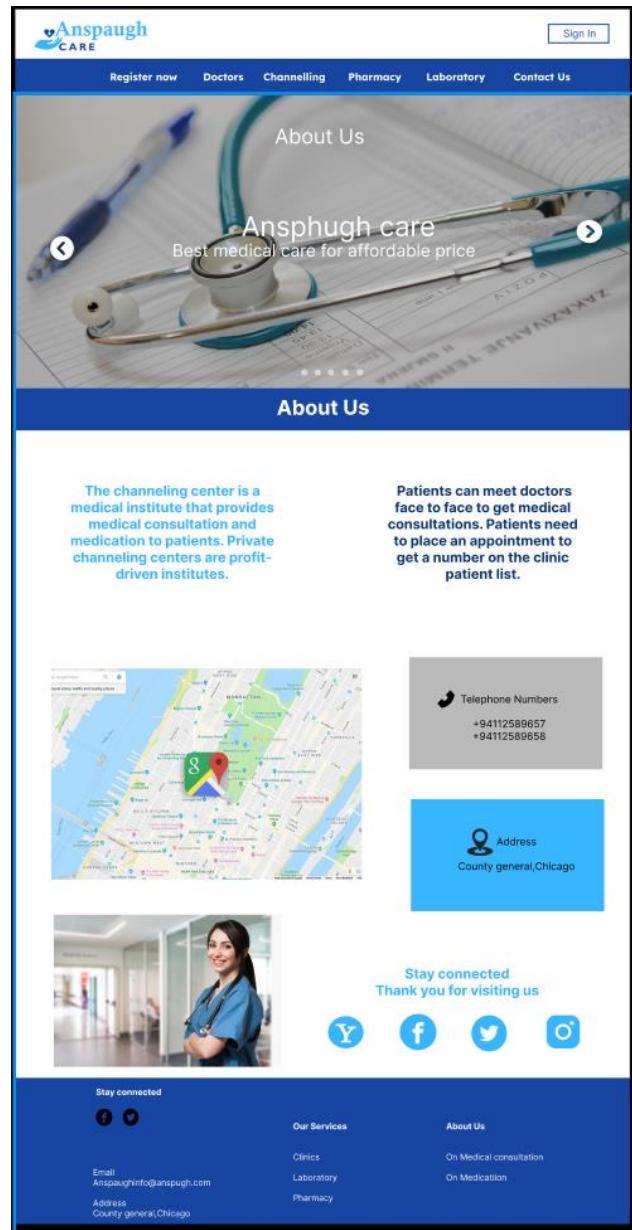


Figure 7: About Us

Anspaugh CARE

[Sign In](#)

Register now Doctors Channelling Pharmacy Laboratory Contact Us

About Us

Anspugh care
Best medical care for affordable price

Channelling Sessions

Meet Cardiologist	Meet Radiologist	Meet Nephrologist
Meet Cardiologist	Meet Dermatologist	Meet Cardiologist
Meet Oncologist	Meet Psychiatrist	Meet Pediatrician
Meet Gynecologist	Other Channelings	

Stay connected

Email: Anspaughinfo@anspugh.com
Address: County general,Chicago

Our Services

Clinics
Laboratory
Pharmacy

About Us

On Medical consultation
On Medication

Anspaugh CARE

[Sign In](#)

Register now Doctors Channelling Pharmacy Laboratory Contact Us

About Us

Anspugh care
Best medical care for affordable price

Channelling Sessions

Meet Cardiologist

Search by Doctor's name [Search](#)

Dr.Drake Romore Cardiologist Remaining appointments : 10	Date: 20/03/2022 Day : Every Saturday Time : 3:00 PM Fee : LKR 3000.00
Dr.Drake Romore Cardiologist Remaining appointments : 10	Date: 28/03/2022 Day : Every Sunday Time : 3:00 PM Fee : LKR 3000.00
Dr.Drake Romore Cardiologist Remaining appointments : 10	Date: 20/05/2022 Day : Every Saturday Time : 3:00 PM Fee : LKR 3000.00
Dr.Drake Romore Cardiologist Remaining appointments : 10	Date: 28/03/2022 Day : Every Sunday Time : 3:00 PM Fee : LKR 3000.00

You can set appointments 2 days prior to the clinic

Stay connected

Email: Anspaughinfo@anspugh.com
Address: County general,Chicago

Our Services

Clinics
Laboratory
Pharmacy

About Us

On Medical consultation
On Medication

Figure 8: Chanelling Session Details

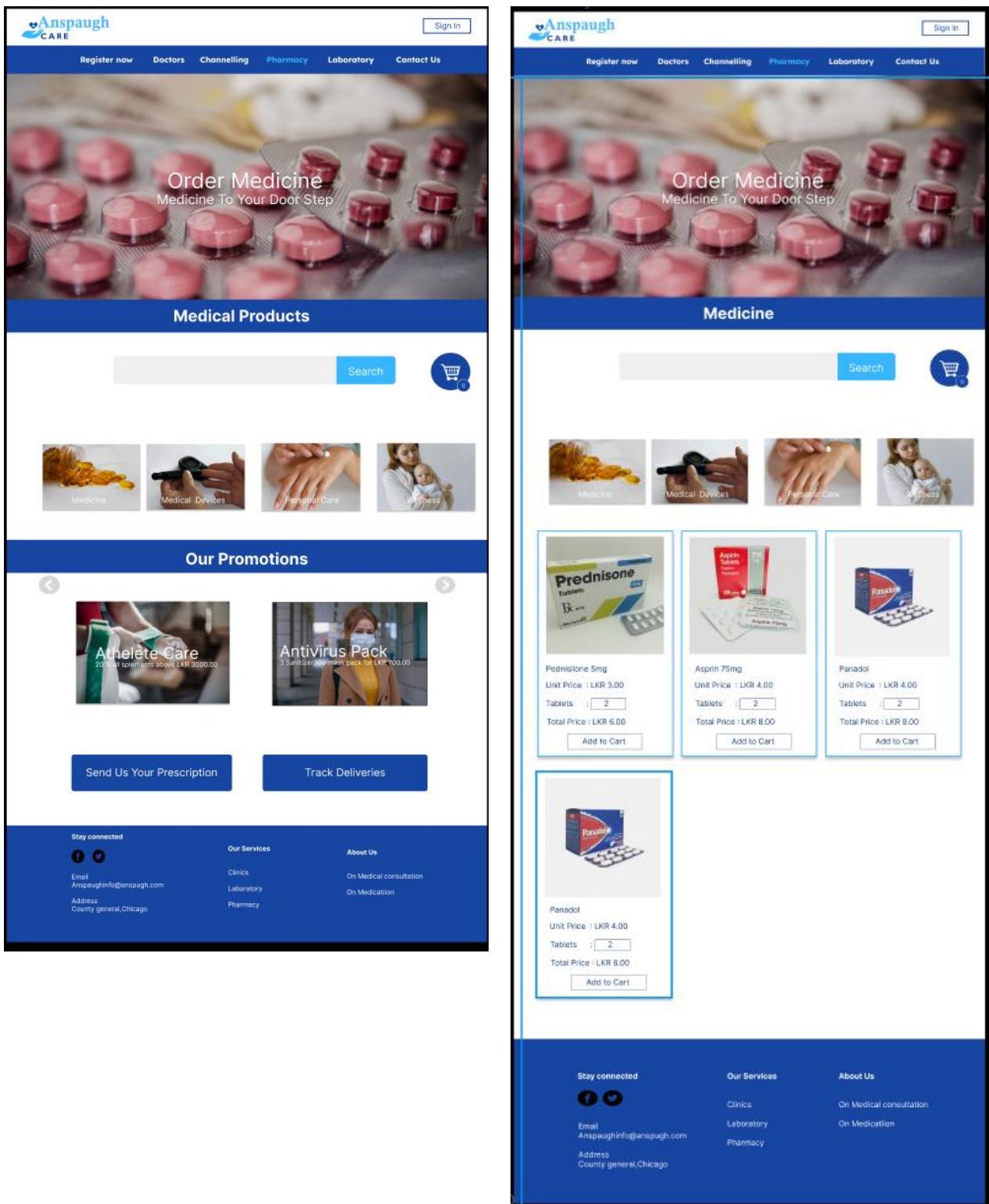


Figure 9: Medicine Details

Order Medicine
Medicine To Your Door Step

Medicine

Your Cart

Order	Date	Time	Fee
Medicine Order-9230223	2000/20/01	2.00PM	LKR 1000.00
Panadol	2000/20/01	2.00PM	LKR 2000.00

Pay now

Stay connected: [Facebook](#) [Twitter](#)

Email: AnspaughInfo@anspugh.com
Address: County general,Chicago

Our Services

- Clinics
- Laboratory
- Pharmacy

About Us

- On Medical consultation
- On Medication

Medical Products

Search

Send Your Prescription

Name :

Address :

Phone :

Prescription : [Upload](#)

Confirm

Stay connected: [Facebook](#) [Twitter](#)

Email: AnspaughInfo@anspugh.com
Address: County general,Chicago

Our Services

- Clinics
- Laboratory
- Pharmacy

About Us

- On Medical consultation
- On Medication

Figure 10: Cart and Online Medicine Order Facility

The figure displays two side-by-side screenshots of the Anspaugh CARE website. Both screenshots show a top navigation bar with links for 'Sign In', 'Register now', 'Doctors', 'Channelling', 'Pharmacy' (which is highlighted in blue), 'Laboratory', and 'Contact Us'. The main content area features a large image of pink tablets in blisters.

Screenshot 1 (Left): Order Medicine

This screenshot shows a section titled 'Order Medicine' with the sub-instruction 'Medicine To Your Door Step'. Below this is a blue header 'Medical Products'. A search bar and a shopping cart icon are present. Underneath are four categories: 'Medicine' (showing a bottle of yellow capsules), 'Medical Devices' (showing a hand holding a device), 'Personal Care' (showing hands), and 'Wellness' (showing a woman holding a baby). A button labeled 'Send Your Prescription' is visible, along with a message to the customer about prescription validity and a 'Proceed' button.

Screenshot 2 (Right): Medical Products

This screenshot shows the same top navigation and main image. Below the image is a blue header 'Medical Products'. It includes a search bar, a shopping cart icon, and four category cards: 'Medicine', 'Medical Devices', 'Personal Care', and 'Wellness'. Below these is a section titled 'Track Your Orders' with the sub-instruction 'Share PIN with Delivery Rider on Completion of Delivery'. It features a large PIN number '23657' in a blue box. To the right is a table showing order details for 'Jane Doe' at '123/A/I/Maine' on '07/09/2022'. The table includes columns for Name, Address, Date, and Order status. Below the table is a 'View Order' button. The bottom section is identical to Screenshot 1, featuring a 'Stay connected' sidebar with social media icons and links to 'Our Services' (Clinics, Laboratory, Pharmacy) and 'About Us' (On Medical consultation, On Medication).

Figure 11: Online Medicine Order Tracking Facility

Anspaugh CARE

Sign in

Register now Doctors Channeling Pharmacy Laboratory Contact Us

Best Medical Testing Service
Get your medical test done for affordable price

Medical Tests

Search by Test Name

FBC(Full Blood Count) LKR 1000.00

CBC chem-7 LKR 1500.00

Search

About Us

Anspaugh care
Best medical care for affordable price

Contact Us

First Name: Upali

Last Name: Thennakoon

Email Address: upalithennakoon@example.com

Contact No: 077 123 1234

Age: 26

Gender: Select

Message: Leave your message...

Stay connected

Email: Anspaughinfo@anspauhg.com
Address: County general,Chicago

Our Services

Clinics
Laboratory
Pharmacy

About Us

On Medical consultation
On Medication

Stay connected

Email: Anspaughinfo@anspauhg.com
Address: County general,Chicago

Our Services

Clinics
Laboratory
Pharmacy

About Us

On Medical consultation
On Medication

Figure 12: Lab Test details and Contact Us Page

The figure displays two side-by-side screenshots of the Anspaugh CARE website, illustrating the details of doctors and their channelling sessions.

Left Screenshot (Doctor Profile):

- Header:** Anspaugh CARE, Register now, Doctors, Channelling, Pharmacy, Laboratory, Contact Us, Sign In.
- Banner:** About Us, Anspaugh care, Best medical care for affordable price.
- Title:** Doctors.
- Search Bar:** Search by Doctor's name or speciality.
- List of Doctors:**
 - Name: Dr.Johannes Gibbs, Speciality: Cardiologist, Go to Channelling, Detail.
 - Name: Dr.Johannes Gibbs, Speciality: Oncologist, Go to Channelling, Detail.
 - Name: Dr.Johannes Gibbs, Speciality: Respiratory, Go to Channelling, Detail.
 - Name: Dr.Johannes Gibbs, Speciality: Respiratory, Go to Channelling, Detail.
 - Name: Dr.Johannes Gibbs, Speciality: Cardiologist, Go to Channelling, Detail.
 - Name: Dr.Johannes Gibbs, Speciality: Oncologist, Go to Channelling, Detail.
 - Name: Dr.Johannes Gibbs, Speciality: Respiratory, Go to Channelling, Detail.
 - Name: Dr.Johannes Gibbs, Speciality: Respiratory, Go to Channelling, Detail.
- Footer:** Stay connected (Facebook, LinkedIn), Email: Anspaugh.info@anspaugh.com, Address: County general, Chicago, Our Services: Clinics, Laboratory, Pharmacy, About Us: On Medical consultation, On Medication.

Right Screenshot (Doctor Channelling Session Details):

- Header:** Anspaugh CARE, Register now, Doctors, Channelling, Pharmacy, Laboratory, Contact Us, Sign In.
- Banner:** About Us, Anspaugh care, Best medical care for affordable price.
- Title:** Doctors.
- Search Bar:** Search by Doctor's name or speciality.
- Section:** Dr. Drake Romore Channelings.
- List of Channelling Sessions:**
 - Date: 20/05/2022, Day: Every Saturday, Time: 3:00 PM, Fee: LKR 3000.00, Set Appointment Now. Remaining appointments: 10.
 - Date: 28/05/2022, Day: Every Sunday, Time: 3:00 PM, Fee: LKR 3000.00, You can set appointment 2 days prior to the clinic. Remaining appointments: 10.
 - Date: 20/05/2022, Day: Every Saturday, Time: 3:00 PM, Fee: LKR 3000.00, Set Appointment Now. Remaining appointments: 10.
 - Date: 28/05/2022, Day: Every Sunday, Time: 3:00 PM, Fee: LKR 3000.00, You can set appointment 2 days prior to the clinic. Remaining appointments: 10.
- Footer:** Stay connected (Facebook, LinkedIn), Email: Anspaugh.info@anspaugh.com, Address: County general, Chicago, Our Services: Clinics, Laboratory, Pharmacy, About Us: On Medical consultation, On Medication.

Figure 13: Details of doctors and their channelling sessions

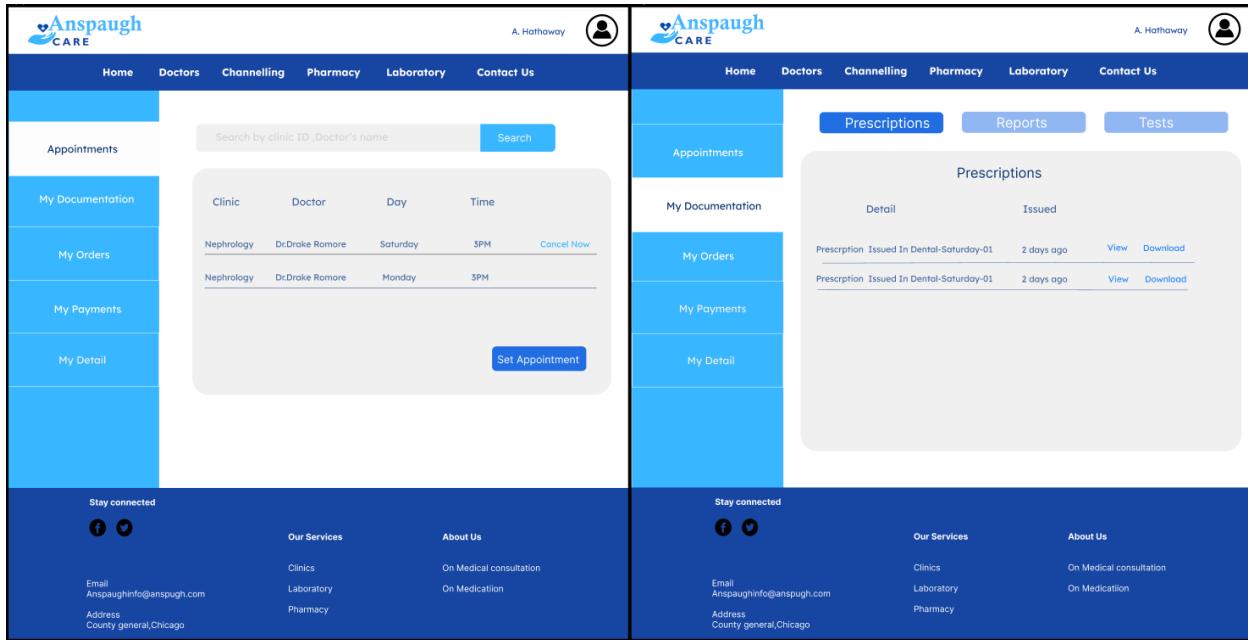


Figure 14: Appointment Details and Medical Documents

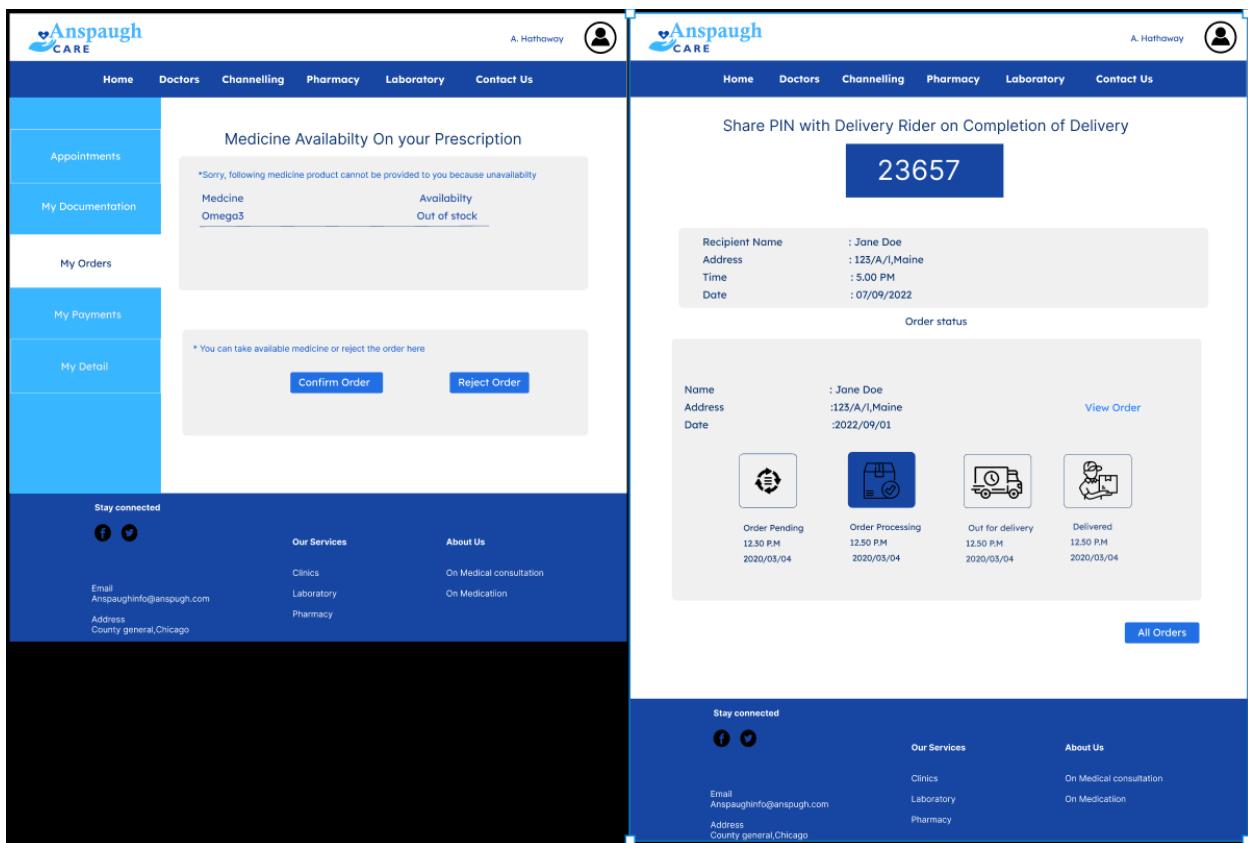


Figure 15: Medicine Orders and tracking orders

The image displays two side-by-side screenshots of the Anspaugh CARE mobile application interface.

Left Screenshot (Patient Payment History):

- Header:** Anspaugh CARE, A. Hathaway, profile icon.
- Navigation Bar:** Home, Doctors, Channeling, Pharmacy, Laboratory, Contact Us.
- Section: Appointments**
- Table:**| | Payment detail | Amount | Date and Time | |
| --- | --- | --- | --- | --- |
| Dr.Carry Weaver-Dental-05/03 | LKR. 4000.00 | 2022/05/03 @ 12.30PM | |
| Dr.Carry Weaver-Dental-05/03 | LKR. 4000.00 | 2022/05/03 @ 12.30PM | |
| Medicine Order-P230223 | LKR. 1000.00 | 2022/05/09 @ 12.30PM | |
- Section: My Documentation**
- Section: My Orders**
- Section: My Payments**
- Section: My Detail**
- Table:**

Total Amount : LKR 9000.00
Selected Amount : LKR 9000.00

Pay Now
- Section: Stay connected**
- Our Services:** Clinics, Laboratory, Pharmacy
- About Us:** On Medical consultation, On Medication
- Contact Information:** Email: Anspaughinfo@anspugh.com, Address: County general,Chicago

Right Screenshot (Patient Payment Summary):

- Header:** Anspaugh CARE, A. Hathaway, profile icon.
- Section: Patient Payment**
- Table:**| | Payment detail | Amount | Date and Time | |
| --- | --- | --- | --- | --- |
| Dr.Carry Weaver-Dental-05/03 | LKR. 4000.00 | 2022/05/03 @ 12.30PM | |
| Dr.Carry Weaver-Dental-05/03 | LKR. 4000.00 | 2022/05/03 @ 12.30PM | |
| Medicine Order-P230223 | LKR. 1000.00 | 2022/05/09 @ 12.30PM | |
- Table:**

Total Amount : LKR 9000.00
Selected Amount : LKR 9000.00

Pay Now
- Section: Stay connected**
- Our Services:** Clinics, Laboratory, Pharmacy
- About Us:** On Medical consultation, On Medication
- Contact Information:** Email: Anspaughinfo@anspugh.com, Address: County general,Chicago

Figure 16: Payments

5.2.6 Doctor

The figure consists of two side-by-side screenshots of the Anspaugh Care mobile application.

Screenshot 1 (Left): Patient Detail

- Header:** Anspaugh CARE, Jane Doe, profile icon.
- Search Bar:** Search by patient Name, ID, Note, Search button.
- Left Sidebar:** Today Channelings, All Channelings, Patients, Messages, My Detail, Reports.
- Content Area:**
 - Patient Detail: *Pediatric, Johannes Gibbs, Age: 20, Gender: Male.
 - Last Visit: 1 day ago.
 - Time: 12:34 PM.
 - Note: Patient with synoptic pulses check Prednisolone.

Screenshot 2 (Right): Patient Detail

- Header:** Anspaugh CARE, Jane Doe, profile icon.
- Section Headers:** Prescriptions, Reports, Tests.
- Content Area:**
 - Name: Johannes Gibbs, Age: 23, Gender: Male.
 - View Medical Analysis button.
 - Medical Reports section: Report Issued In Dental-Saturday-01, Issued Date: 2020/04/05, Download, View buttons.
 - Share Report, Add Report buttons.

Figure 17: Patient Details

The figure consists of two side-by-side screenshots of the Anspaugh Care mobile application.

Screenshot 1 (Left): Channeling Session Details

- Header:** Anspaugh CARE, Jane Doe, profile icon.
- Search Bar:** Search by clinic ID, Doctor's name, Search button.
- Left Sidebar:** Today Channelings, All Channelings, Patients, Messages, My Detail, Reports.
- Content Area:**

Channeling	Date	Time	Status
Dental -Saturday-01	All Saturday	12:30PM	Opened 2 hours ago Appointments: 10/20
Dental -Saturday-02	Specific- 12/09	6:00PM	Opened 2 hours ago Appointments: 1/20
Dental -Monday	All Monday	12:30PM	Closed for Appointments

Screenshot 2 (Right): Channeling Session Details

- Header:** Anspaugh CARE, Friday, 24.08.22, Jane Doe, profile icon.
- Section Headers:** Today Channelings, All Channelings, Patients, Messages, My Detail, Reports.
- Content Area:**

Channeling	Date	Time	Status
Dental -Saturday-01	All Saturday	12:30PM	Opened 2 hours ago Appointments: 10/20
Dental -Saturday-02	Specific- 12/09	6:00PM	Opened 2 days ago Appointments : 01/20

Figure 18: Chanelling Session Details

Figure 19: Medication to the patients in the channelling Session

Patient Report

*Pediatric
Name :Johannes Gibbs
Age : 12
Gender :Male

Detail	Type	Issued	Action
Report-Cardiology-Mon	ECG	2 days ago	Download
Report-Radiology-Sat	Ultrasound	1 year ago	Download

[Upload Report](#) [Write report](#)

Medical History Report

*Pediatric
Name :Johannes Gibbs
Age : 12
Gender :Male

General History
History of Angina.

Medication
1 year on low dose Presinone. Weaning Stage

Allergies
No recorded allergies

[Print](#)

Medic Test Reports

*Pediatric
Name :Johannes Gibbs
Age : 12
Gender :Male

Detail	Type	Issued	Action
Report-Cardiology-Mon	ECG	2 days ago	Download
Report-Radiology-Sat	Ultrasound	1 year ago	Download

Add Report

*Pediatric
Name :Johannes Gibbs
Age : 12
Gender :Male

[Upload The Report](#)

Consultation Report

Examination

Consultation

Note

[Submit](#)

[Patient medical analysis](#)

Figure 20: Patient's Medical Reports

Anspaugh Care

Dental-Saturday-01-01 Prescription

*Pediatric
Name :Johannes Gibbs
Age :12
Gender :Male
Issued on : 08/03/2022 By : Dr .Drake Romore

Medicine	Strength	Frequency	Route	Amount	Dispense
Ampicilim	200g	BID	PO	1 Tab	2 day
Prednison	100g	TID		2 Tab	1 day

Anspaugh Care

*Pediatric
Name :Johannes Gibbs
Age :12
Gender :Male

Medicine	Strength	Frequency	Route
How Much	Amount	Route	+ (add)

Medicine	Strength	Frequency	Route
How Much	Amount	Route	+ (add)

Send to Pharmacy Print

Figure 21: Patient's Prescriptions

5.2.7 Nurse

The figure consists of four screenshots of the Anspaugh Care mobile application interface, arranged in a 2x2 grid.

Screenshot 1 (Top Left): Shows the main dashboard for 'A. Hathaway'. It includes a sidebar with 'All Clinics', 'Today Clinic', 'Patients', and 'My Detail'. The main area displays a search bar and a table of doctors with their types: Drake Romore (Dental) and Carr Weaver (Gastrologist).

Screenshot 2 (Top Right): Shows a specific channelling session for 'Cardiology-Monday-01' with 'Dr. John Carter'. It details the appointment schedule: Clinic ID: CarJo01, Schedule For: Every Monday 2000-2200, Doctor Name: John Doe, Contact no.: 07729098, Date: 12/03/2022, Time: 3:29 PM, Room: Curtain -03, Appointments: 10/20, Extra Appointments: 1/5, and Free Appointments: 1/5. A 'View List' button is at the bottom right.

Screenshot 3 (Bottom Left): Shows the main dashboard for 'Mrs. A. Hathaway'. It includes a sidebar with 'All Clinics', 'Todays Clinics', 'Patients', and 'My Detail'. The main area displays a search bar and a table of channelling sessions: Dental -Saturday-01 (Dr. Drake Romore, All Saturday, 12:30PM, Opened 2 hours ago, Appointments: 10/20) and Dental -Saturday-02 (Dr. Drake Romore, Specific- 12/09, 6:00PM, Opened 2 hours ago, Appointments: 0/20).

Screenshot 4 (Bottom Right): Shows a detailed view of the 'Dental-Saturday-01' session for 'Dr. John Carter'. It shows the patient count (20 patients, 20 assigned), start time (3 mins), room (Curtain-03), and assigned nurses (Carol Hathaway and Dubus Dooitsfor). Buttons for 'View List' and 'Start' are at the bottom right.

Figure 22: Channelling Session Details

The figure consists of two side-by-side screenshots of a mobile application interface for 'Anspaugh Care'.

Screenshot 1 (Left):

- Header:** Anspaugh CARE, Jane Doe, profile icon.
- Title:** Anspaugh Care
- Text:** Dental -Saturday-02, Dr .Drake Romore
- Date:** 03 20
- Patient Name:** Johannes Gibbs
- Form Fields:**
 - Age: 30 yrs
 - Gender: Female
 - Contact no.: 07729098
 - Blood Sugar: mg
 - Pressure: mmHg
 - Weight: kg
 - Height: cm
- Buttons:** Save, Edit, Done.
- File Buttons:** Upload Prescription (File), Upload Report (File).

Screenshot 2 (Right):

- Header:** Anspaugh CARE, Jane Doe, profile icon.
- Title:** Anspaugh Care
- Text:** Dental -Saturday-02, Dr .Drake Romore
- Date:** 04 20
- Patient Name:** Johannes Gibbs
- Form Fields:**
 - Age: 30 yrs
 - Gender: Female
 - Contact no.: 07729098
 - Blood Sugar: mg
 - Pressure: mmHg
 - Weight: kg
 - Height: cm
- Buttons:** Save, Edit, Done.
- File Buttons:** Upload Prescription (File), Upload Report (File).

Figure 23: Inserting Pre-channelling test results

The figure consists of two side-by-side screenshots of a mobile application interface for 'Anspaugh Care'.

Screenshot 1 (Left):

- Header:** Anspaugh CARE, Jane Doe, profile icon.
- Title:** Anspaugh Care
- Date:** Friday, 24/08/22
- Search Bar:** Search by clinic ID ,Doctor's name, Search button.
- Navigation:** A. Hathaway, All Clinics, Today Clinic, Patients, My Detail.
- Patient Detail:**

Patient Detail	Last Visit	Time
*Pediatric Johannes Gibbs Age:20 Gender: Male	1 day ago	12:34 PM

Screenshot 2 (Right):

- Header:** Anspaugh CARE, Jane Doe, profile icon.
- Title:** Anspaugh Care
- Section:** Patient Detail
- Data:**
 - Patient ID: PAT2323
 - Name: Johannes Gibbs
 - NIC No.: 202020
 - Category: Pediatric
- Clinics Patient Enrolled In:**

Clinic	Doctor	Day	Time	Fee
Nephrology	Dr.Drake Romore	Saturday	3PM-5PM	LKR 1200
Nephrology	Dr.Drake Romore	Saturday	3PM-5PM	LKR 1200
- Patient History:**

Activity	Date	Time
Appointment- Dr. Drake Romore	2022/04/05	12:32 AM
Medicine order	2022/06/05	12:34 PM
- File Buttons:** Upload Prescription (File), Upload Report (File).
- Done Button:** Done.

Figure 24: Patient Details

5.2.8 Receptionist

The figure consists of four screenshots of the Anspaugh Care software interface, arranged in a 2x2 grid.

- Screenshot 1 (Top Left):** Shows the main dashboard with a search bar "Search by clinic ID ,Doctor's name" and a "Search" button. Below it is a table of "Todays Channlings" with columns: Doctor, Clinic, Time, Room, and Fee. Data includes Dr.Drake Romore (Dental, 3PM, Main-05, LKR 1000.00), Dr.Carry Weaver (Dental, 3PM, Main-06, LKR 1000.00), Dr.Carry Weaver (Dental, 3PM, Hall -03, LKR 2000.00), and Dr.Carry Weaver (Dental, 3PM, Curtain-03, LKR 3000.00).
- Screenshot 2 (Top Right):** Shows a detailed view for Dr.John Carter (Dental-Saturday-01). It displays the clinic ID as SotCor01 and a summary of "Patients" (20 total). Below this are four patient entries, each with a profile icon, the name "Johannes Gibbs", and a "Detail" link.
- Screenshot 3 (Bottom Left):** Shows the main dashboard with a search bar and a "Filter" button. Below it is a table of "Todays Clinics" with columns: Doctor and Type. Data includes Drake Romore (Dental) and Carr Weaver (Gastrologist).
- Screenshot 4 (Bottom Right):** Shows a detailed view for Dr.Drake Romore all Dental Channlings. It displays a table of "Channeling" sessions with columns: Channeling, Date, Time, Room, and Status. Sessions include "Dental -Saturday-01 Dr. Drake Romore" (All Saturday, 12.30PM, Room-03, Opened 2 hours ago, Appointments: 10/20), "Dental -Saturday-02 Dr. Drake Romore" (Specific- 12/09, 6.00PM, Curtain-04, Opened 2 hours ago, Appointments:1/20), and "Dental -Monday Dr. Drake Romore" (All Monday, 12.30PM, Room-05, Closed for Appointments).

Figure 25: Chanelling Session Details

Figure 26: Patient Details

Figure 27: Add a new patient UI

<p>Anspaugh Care</p> <h3>Set Patient Appointment</h3> <p>Patient Name: Cindy Wetherall Category : Adult</p> <p>Doctor Name : Drake Romore Clinic ID : CL112 Date : 2020/03/04 Time : 3PM-5PM</p> <p>Upload doctor referral <input type="button" value="File"/></p> <p><input type="button" value="Confirm"/></p>	<p>Anspaugh Care</p> <h3>Patient Payment</h3> <table border="1"> <thead> <tr> <th>Payment detail</th> <th>Amount</th> <th>Date and Time</th> </tr> </thead> <tbody> <tr> <td>Dr.Carry Weaver-Dental-05/03</td> <td>LKR. 4000.00</td> <td>2022/05/03 @ 12.30PM</td> </tr> <tr> <td>Dr.Carry Weaver-Dental-05/03</td> <td>LKR. 4000.00</td> <td>2022/05/03 @ 12.30PM</td> </tr> <tr> <td>Medicine Order-P230223</td> <td>LKR. 1000.00</td> <td>2022/05/09 @ 12.30PM</td> </tr> </tbody> </table> <p>Total Amount : LKR 9000.00 Selected Amount : LKR 9000.00</p> <p><input type="button" value="Payment"/></p>	Payment detail	Amount	Date and Time	Dr.Carry Weaver-Dental-05/03	LKR. 4000.00	2022/05/03 @ 12.30PM	Dr.Carry Weaver-Dental-05/03	LKR. 4000.00	2022/05/03 @ 12.30PM	Medicine Order-P230223	LKR. 1000.00	2022/05/09 @ 12.30PM
Payment detail	Amount	Date and Time											
Dr.Carry Weaver-Dental-05/03	LKR. 4000.00	2022/05/03 @ 12.30PM											
Dr.Carry Weaver-Dental-05/03	LKR. 4000.00	2022/05/03 @ 12.30PM											
Medicine Order-P230223	LKR. 1000.00	2022/05/09 @ 12.30PM											

Figure 28: Set new appointment and Make Payments

5.2.9 Pharmacist

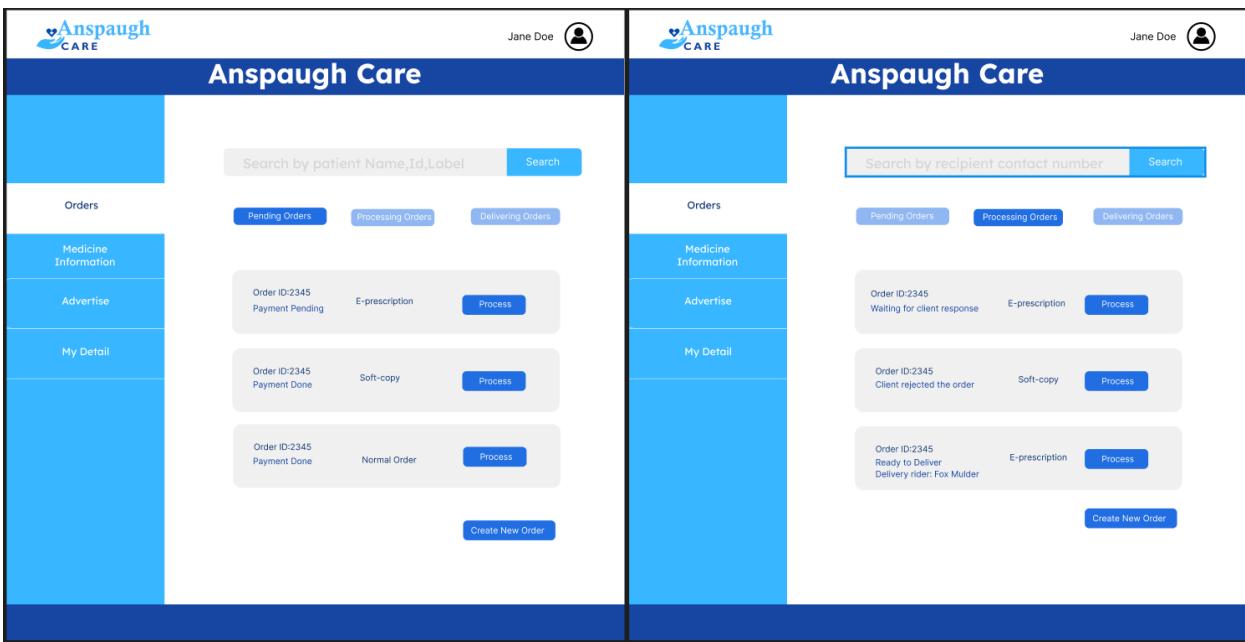


Figure 29: Online Orders

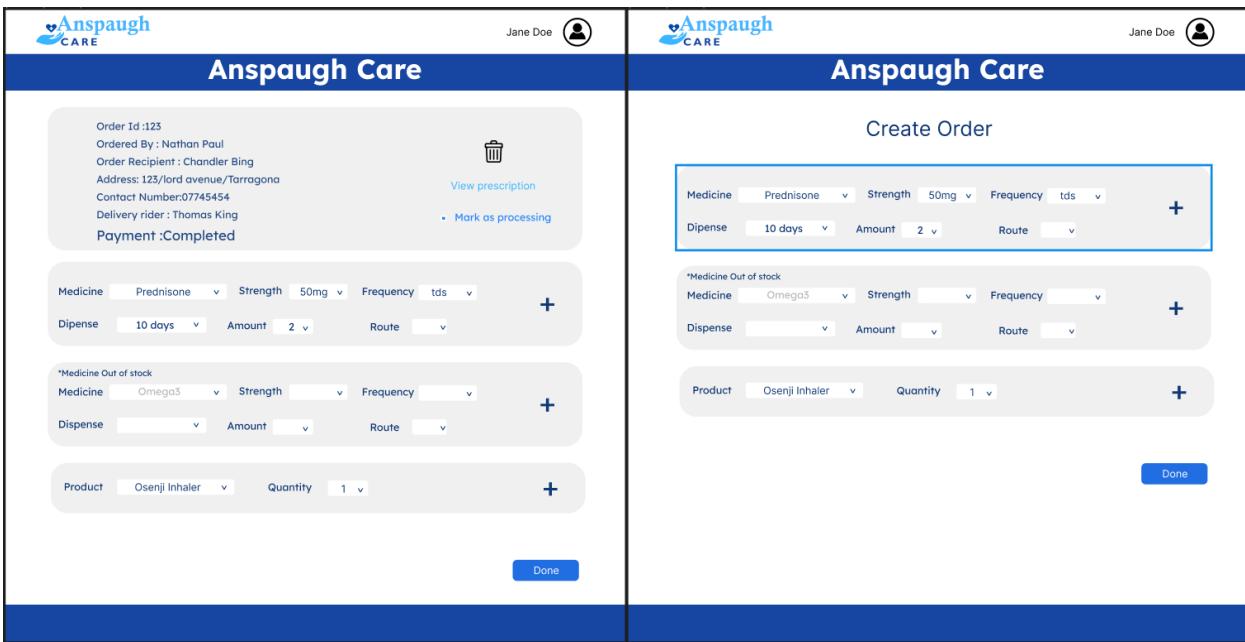


Figure 30: Processing a order and creating a new order

Anspaugh Care

Order Id :123 *Patient rejected the order
Ordered By : Nathan Paul
Order Recipient : Chandler Bing
Address: 123/lord avenue/Tarragona
Contact Number:07745454
Payment : Pending

View prescription • Mark as processing

Medicine	Strength	Frequency	Route	Amount	Dispense
Ampicilim	200g	BID	PO	1 Tab	2 day
Prednison	100g	TID		2 Tab	1 day

Product	Unit	Amount
Wheelchair	device	1

Add more medicine Send medicine availability to patient Complete

Anspaugh Care

Order Id :123 Payment :Pending

Medicine	Strength	Frequency	Route	Amount	Dispense
Ampicilim	200g	BID	PO	1 Tab	2 day
Prednison	100g	TID		2 Tab	1 day

Product	Unit	Amount
Wheelchair	device	1

Add more medicine Pay now

Figure 31: Generating a bill and send the availability of the medicine to the patient

Anspaugh Care

Orders

Search by medicine name

Medicine Information

Name : Panadol Strength : 500mg Unit Price : LKR 12.00	Available <input checked="" type="checkbox"/>	Update
Name : Vitamin C Strength : 50mg Unit Price : 25.00	Available <input type="checkbox"/>	Update
Name : Omega3 Strength:100mg Price : 12.00	Available <input type="checkbox"/>	Update

Add new medicine

Anspaugh Care

Add New Medicine

Upload Picture :

Name :

Category :

Strength :

Brand

Unit Type :

Price per unit :

Add

Figure 32: Medicine details

Anspaugh Care

Search by patient Name,Id,Label Search

Orders

Medicine Information

Advertise

Title : New Year Drop Down
Advertised : 2 Days Ago
*Active

Title : Virus Guard Promo
Advertised: 1 Year Ago
*Expired

New Advertisement

Anspaugh Care

Add Advertisement

Upload Picture : ad.jpg

Title : New Year Drop Down

Description : This new year 10% off

Remark : *Condition Applied

View

Add

Figure 33: Advertising

5.2.10. Lab Assistant

The left screenshot shows a list of lab test requests for Mrs. A. Hathaway. It includes details like Doctor Name (John Carter), Patient Name (Johannes Gibbs), Test Type (CBC chem-7), and Test Date (2020/02/03). Buttons for 'Write Test Results' and 'Upload' are visible. The right screenshot shows a similar interface for Mrs. A. Hathaway, with a search bar at the top and a list of advertisements below. One ad is for 'New Year Drop Down' and another for 'Virus Guard Promo'. A button for 'New Advertisement' is located in the bottom right corner.

Figure 34: Lab Test Requests

The left screenshot shows the 'Upload Report' screen. It displays a request number (20220903654654) and patient information (Doctor: John Carter, Patient: Mr. Johannes Gibbs, Date: 2020/02/03). Below this is a section for uploading a picture, with a note that only png, jpg, pdf formats are allowed. The right screenshot shows the 'Add Report' screen. It starts with a 'Pediatric' section for a patient named Johannes Gibbs, aged 12, male. Below this is a dropdown menu set to 'CBC Chem-7'. The main area contains a table for entering laboratory results:

Albumin	g/dl
Globulin	g/dl
Total protein	g/dl
ALP	U/l
ALT	U/l
AST	U/l
Total Bilirubin	/ul
WBC	/ul

A 'Submit' button is located at the bottom right of the form.

Figure 35: Uploading a file report or Filling details to a template

Anspaugh Care

Mrs. A. Hathaway

Requests

Tests

Advertise

Personal Information

Search by patient Name,Id,Label Search

Name : CBC Chem-7
Fee : LKR 1000.00

Name : ALT(alanine transaminase)
Fee : LKR 3000.00

Anspaugh Care

Jane Doe

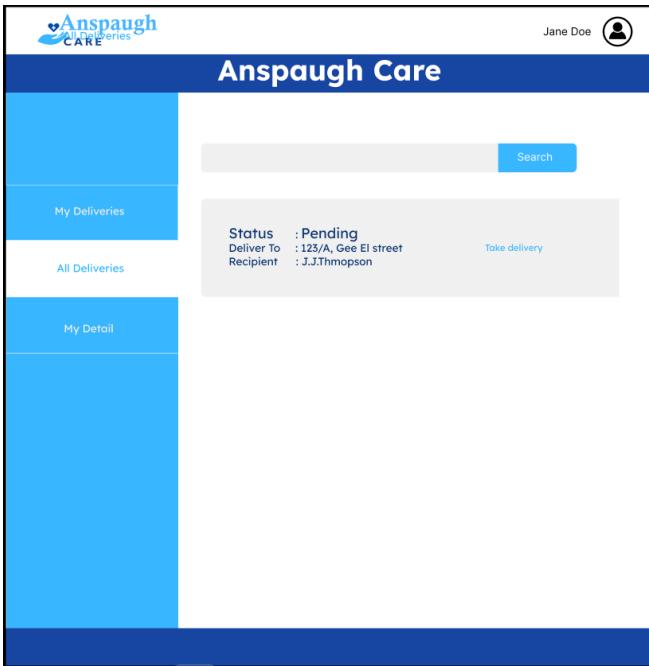
Add Tests

Name

Fee

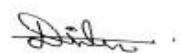
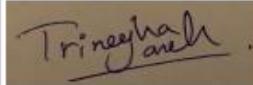
Figure 36: Lab Tests

5.2.11. Delivery Rider



6 Declaration

We as members of the project titled Anspaugh care clinic management system Certify that we will carry out this project according to the guidelines provided by the coordinators and supervisors of the course as well as we will not incorporate, without acknowledgment, any material previously submitted for a degree or diploma in any university. To the best of our knowledge and brief, the project work will not contain any material previously published or written by another person or ourselves except where due reference is made in the text of appropriate places

Student Name	Index No.	Signature
A.W.Y.N.Welagedara	20002051	
S.H.D.Hesera	20000758	
K.G.T.S Thathsarani	20001843	
J.K.K.K.Jagoda	20000804	