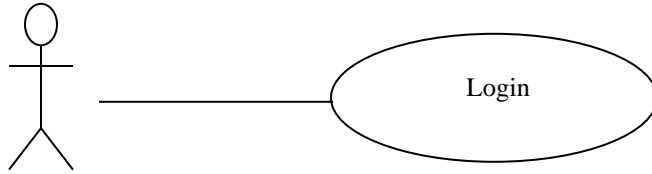


## Scenario:-

Use case: Login

Diagram :



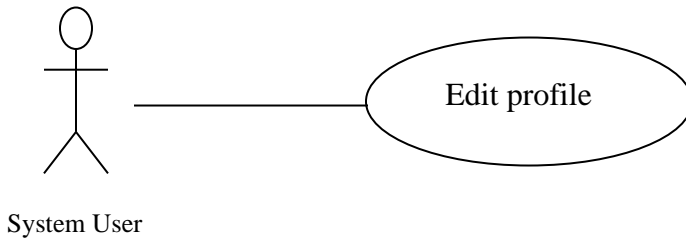
System User

## Scenario:

Log in to the system	
Actor who initiates the use case	System User
Pre-condition	The actor already has an account
Basic path	-The system user enters user ID and Password in the custom field. -click on the login button. -the system validation the entered username and Password and logs the user into the system.
Post condition	The actor entered his account successfully
Alternative Paths	If the system user enters invalid ID or Password, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	System User

## Use case: Edit profile

Diagram :

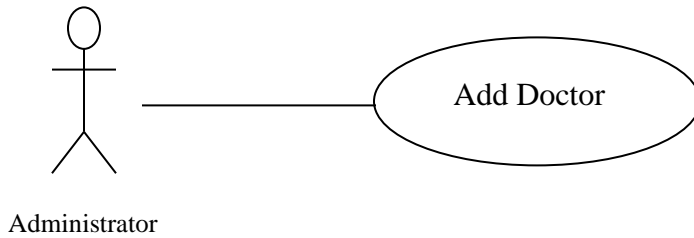


Scenario:

Edit profile	
Actor who initiates the use case	System User
Pre-condition	The actor must be logged in to the system and has permission.
Basic path	By click on edit profile in user profile can edit his data such as their name, age, profile picture, email, and password from the form open.
Post condition	The actor can edit this profile.
Alternative Paths	If the system user enters invalid or wrong data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	System User

## Use case: Add Doctor

Diagram :

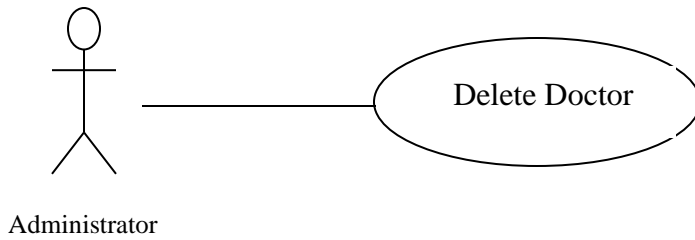


Scenario:

Add Doctor	
<b>Actor who initiates the use case</b>	Administrator
<b>Pre-condition</b>	The administrator had signed in to his profile (system), has permeation and the doctor give his data to the administrator.
<b>Basic path</b>	When the administrator login, he can add the Doctor to the website database and give him an account to make the doctor can do many functions.
<b>Post condition</b>	The doctor is added and has an account.
<b>Alternative Paths</b>	If the Administrator enters invalid doctor data, the system shall display an appropriate error message and returns them back to the first in the series of operation
<b>Actor who benefits from the use case</b>	Administrator

**Use case:** Delete Doctor

**Diagram:**

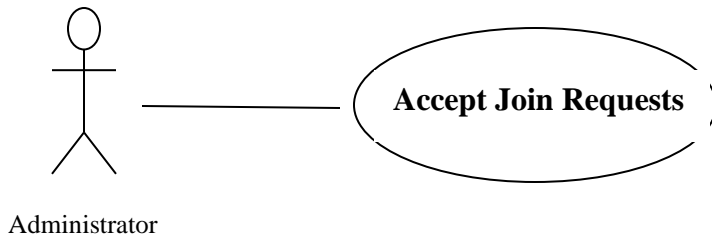


**Scenario:**

Delete Doctor	
Actor who initiates the use case	Administrator
Pre-condition	The administrator had signed in to his profile (system), has permeation and the doctor give his data to the administrator
Basic path	When the administrator login, he can Delete the Doctor from the website database by click on delete button on the doctor row.
Post condition	The administrator deletes all the doctors
Alternative Paths	If the Administrator in specific doctor page he can also delete doctor by click on delete button on the page.
Actor who benefits from the use case	Administrator

## Use case: Accept Join Requests

### Diagram:

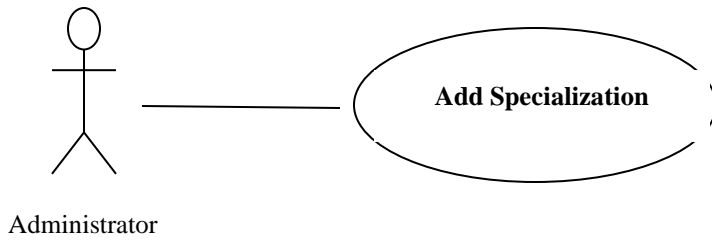


### Scenario:

Accept Join Requests	
Actor who initiates the use case	Administrator
Pre-condition	-The system is allowed to accept doctor join request -The admin must be log in system -The admin has permission to do this
Basic path	The system is available to accept 'doctors requests by the admin, and requests for the doctor to join the site to work on it
Post condition	Admin accepts doctor join request
Alternative Paths	If the doctor is already existing, the system shall display an appropriate error message.
Actor who benefits from the use case	Administrator

## Use case: Add Specialization

### Diagram:

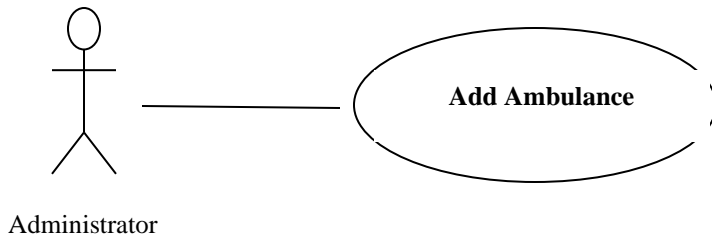


### Scenario:

Add Specialization	
Actor who initiates the use case	Administrator
Pre-condition	Admin had signed into his profile (system) and has a permeation
Basic path	When the admin login, he can add a specialization to the website database, and make patient can access to view it
Post condition	specialization is added
Alternative Paths	If the Administrator enters invalid Specialization data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Administrator

## Use case: Add Ambulance

### Diagram:

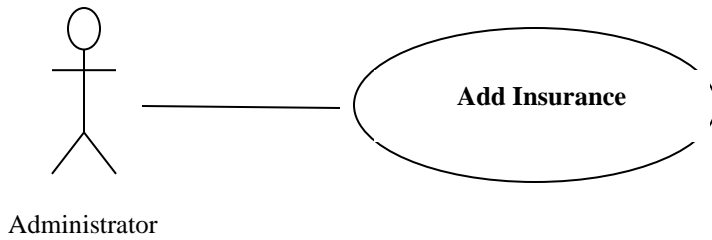


### Scenario:

Add Ambulance	
Actor who initiates the use case	Administrator
Pre-condition	Admin had signed into his profile (system) and has a permeation
Basic path	When the admin login, he can add an Ambulance to the website database, and make patient can access to view it
Post condition	Ambulance is added
Alternative Paths	If the Administrator enters invalid or wrong Ambulance data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Administrator

## Use case: Add Insurance

### Diagram:



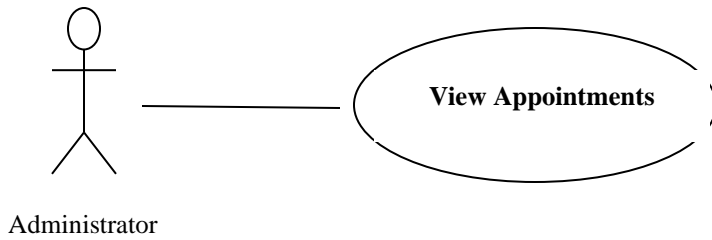
### Scenario:

Add Insurance	
Actor who initiates the use case	Administrator
Pre-condition	Admin had signed into his profile (system) and has a permeation
Basic path	When the admin login, he can add Insurance to the website database, and make patient can access to view it
Post condition	Insurance is added
Alternative Paths	If the Administrator enters invalid Insurance data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Administrator



## Use case: View Appointments

### Diagram:

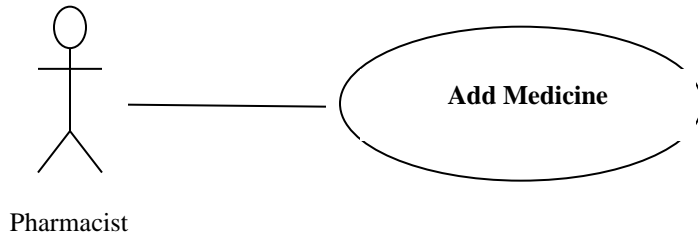


### Scenario:

View Appointments	
Actor who initiates the use case	Administrator
Pre-condition	The user had login into his profile (system) and has permission
Basic path	When the User login, he can view appointment details like “name, date and some other info
Post condition	User view details about all filtered the appointment
Alternative Paths	If the required Appointments is not found, the system should display not found message
Actor who benefits from the use case	Administrator

## Use case: Add Medicine

### Diagram:

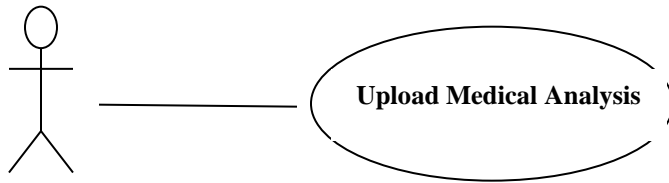


### Scenario:

Add Medicine	
Actor who initiates the use case	Pharmacist
Pre-condition	The pharmacist must log in system and verified to add pharmacist.
Basic path	Adding Medicine is behaviour done by a pharmacist. When the pharmacist adds a medicine, He'll add details for the medicine such as the name and image etc.
Post condition	The medicine will be saved to database.
Alternative Paths	If the Pharmacist enters invalid or wrong Medicine data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Pharmacist

### Use case: Upload Medical Analysis

#### Diagram:



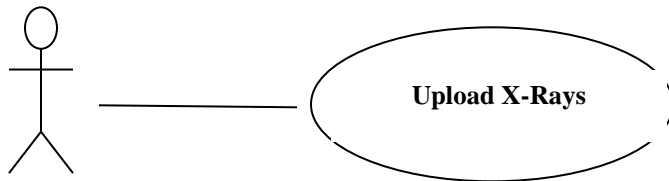
Analytics specialist

#### Scenario:

Upload Medical Analysis	
Actor who initiates the use case	Analytics specialist.
Pre-condition	The Analytics specialist must log in system and type of medical analysis is exist
Basic path	After Analytics specialist finish medical analysis, he uploads result of medical analysis as file on system
Post condition	The medical analysis result will be saved to database
Alternative Paths	If the Analytics specialist enters empty Medical Analysis, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Analytics specialist.

## Use case: Upload X-Rays

### Diagram:



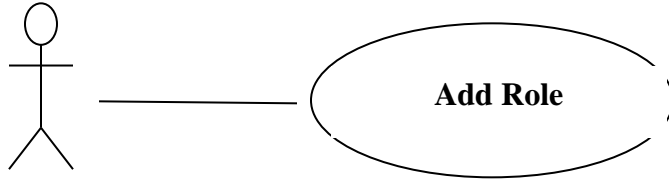
Radiology doctor.

### Scenario:

Upload X-Rays	
Actor who initiates the use case	Radiology doctor.
Pre-condition	The Radiology doctor must log in system and type of x-ray is exist
Basic path	After Radiology doctor finish x-ray, he uploads result of x-ray as file on system
Post condition	The x-ray result will be saved to database
Alternative Paths	If the Radiology doctor enters empty X-Rays, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Radiology doctor.

### Use case: Add Role

#### Diagram:



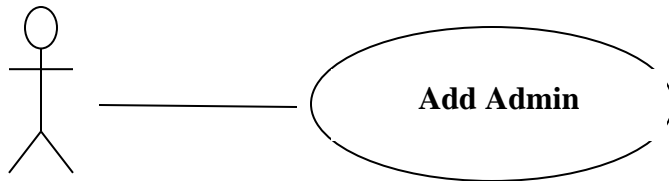
The Hospital Manager

#### Scenario:

Add Role	
Actor who initiates the use case	The Hospital Manager
Pre-condition	The system is allowed to add roles
Basic path	The Hospital Manager is available to add roles and describe the privilege for each user. The role is the validities that the user takes, whoever (Admin, Pharmacist, Doctor, Analytics Specialist, Radiology Doctor, Accountant or Patient) to perform certain tasks
Post condition	Role is created successfully
Alternative Paths	If the Hospital Manager enters invalid or wrong role data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	The Hospital Manager

### Use case: Add Admin

#### Diagram:



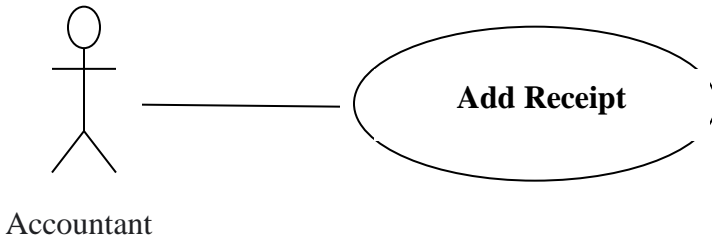
The Hospital Manager

#### Scenario:

Add Admin	
Actor who initiates the use case	The Hospital Manager
Pre-condition	-The system is allowed to add admins -The Hospital Manager must be logged in the system -Admin hasn't been created yet.
Basic path	The Hospital Manager is available to add admin and describe his privileges
Post condition	Admin is added successfully
Alternative Paths	If the Hospital Manager enters invalid or wrong Admin data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	The Hospital Manager

## Use case: Add Receipt

### Diagram:

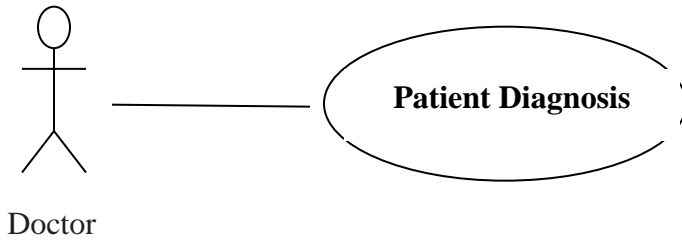


### Scenario:

Add Receipt	
Actor who initiates the use case	Accountant
Pre-condition	-The system is allowed to create receipts -The accountant must be logged in the system -Patients and Doctors have been created.
Basic path	Accountant must add receipts and manage the financial part of the hospital
Post condition	Receipt is added successfully
Alternative Paths	If the accountant enters invalid or wrong Receipt data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Accountant

## Use case: Patient Diagnosis

### Diagram:



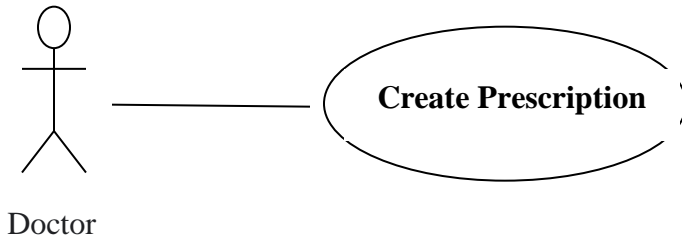
### Scenario:

Patient Diagnosis	
Actor who initiates the use case	Doctor
Pre-condition	<ul style="list-style-type: none"><li>-The system is allowed to add diagnosis</li><li>-The Doctor must be logged in the system</li><li>-Patient , Radiology Doctor ,Analytics Specialist and Doctors have been created.</li><li>-The Doctor should view patient history.</li></ul>
Basic path	Doctor must add patient diagnosis and can send them to the specialist.
Post condition	Diagnosis is added successfully
Alternative Paths	If the doctor enters invalid or wrong Diagnosis data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Doctor



## Use case: Create Prescription

### Diagram:

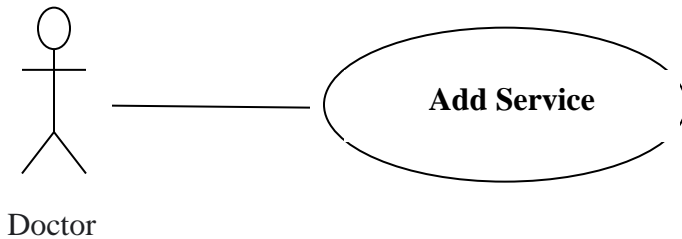


### Scenario:

Create Prescription	
Actor who initiates the use case	Doctor
Pre-condition	-The system is allowed to add prescription -The Doctor must be logged in the system -Patients and Doctors have been created. -Patient Diagnosis has been created
Basic path	Doctor must create prescription after diagnose patient and add it in patient profile.
Post condition	Prescription is added successfully
Alternative Paths	If the doctor enters invalid or wrong Prescription data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Doctor

## Use case: Add Service

### Diagram:

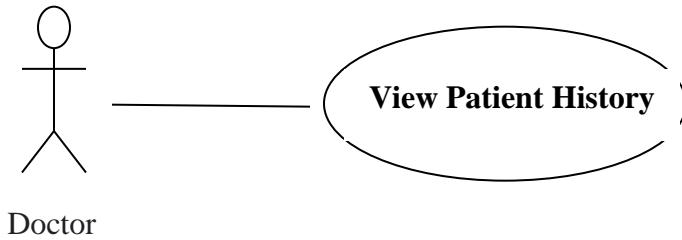


### Scenario:

Add Service	
Actor who initiates the use case	Doctor
Pre-condition	-The system is allowed to add service. -The Doctor must be logged in the system -The Doctor has been created
Basic path	By click on add service button will open form the doctor type service details and click submit then the service is available for patient.
Post condition	Service is added successfully
Alternative Paths	If the doctor enters invalid or wrong service data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Doctor

## Use case: View Patient History

### Diagram:

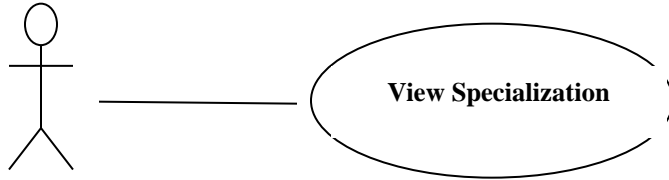


### Scenario:

View Patient History	
Actor who initiates the use case	Doctor
Pre-condition	-The system is allowed to view patient history. -The Doctor must be logged in the system -The Doctor and patient have been created
Basic path	After open specific patient profile doctor can view patient history to help doctor in diagnoses
Post condition	List of patient's history is viewed successfully
Alternative Paths	If the required Patient History is not found, the system should display not found message
Actor who benefits from the use case	Doctor

## Use case: View Specialization

### Diagram:



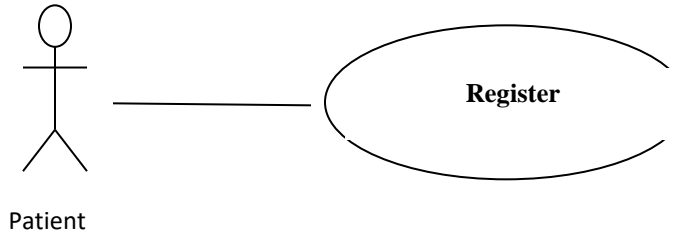
Patient, Administrator, Hospital manager

### Scenario:

View Specialization	
Actor who initiates the use case	Patient, Administrator, Hospital manager
Pre-condition	User had login to his profile (system) and has permission
Basic path	When user login, he can filter and view specialization details like “name”
Post condition	User view details about all filtered the specializations
Alternative Paths	If the required Specialization is not found, admin should add Specialization to view his details
Actor who benefits from the use case	Patient, Administrator, Hospital manager

## Use case: Register

### Diagram:

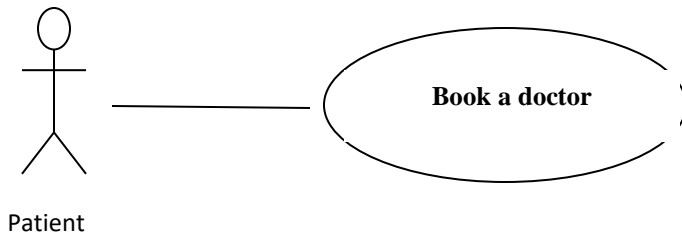


### Scenario:

Register	
Actor who initiates the use case	Patient
Pre-condition	Patient don't have an account
Basic path	By click on register Button on navbar will open the registration form the user type his data in every field and by click on submit button the account is created and user can login now.
Post condition	User register successfully and can login into the system
Alternative Paths	If the system user enters invalid ID or not strong Password or invalid user data, the system shall display an appropriate error message and returns them back to the first in the series of operation
Actor who benefits from the use case	Patient

## Use case: Book a doctor

### Diagram:

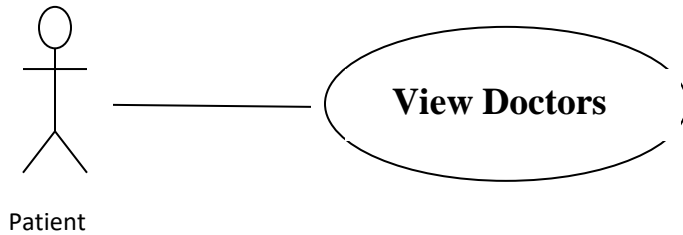


### Scenario:

Book a doctor	
Actor who initiates the use case	Patient
Pre-condition	Patient have an account and login into the system
Basic path	When user login, he can book a doctor and make an appointment based on specialty
Post condition	Appointment is made
Alternative Paths	If the doctor isn't available the system should display error message
Actor who benefits from the use case	Patient

## Use case: View Doctors

### Diagram:

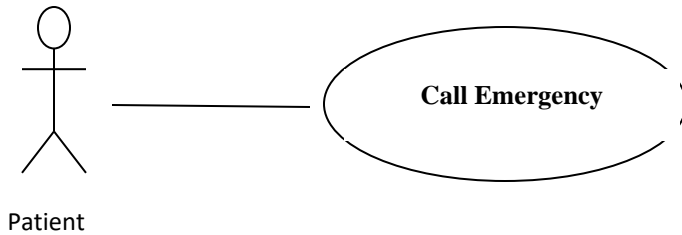


### Scenario:

View Doctors	
Actor who initiates the use case	Administrator, Hospital manager
Pre-condition	User had login into his profile (system) and has permission
Basic path	When User login, he can filter and view doctor details like "name, specialty and some another info
Post condition	System User view details about all filtered the doctors
Alternative Paths	If the required doctor is not found, the system should display not found message
Actor who benefits from the use case	Administrator, Hospital manager

### Use case: Call Emergency

#### Diagram:



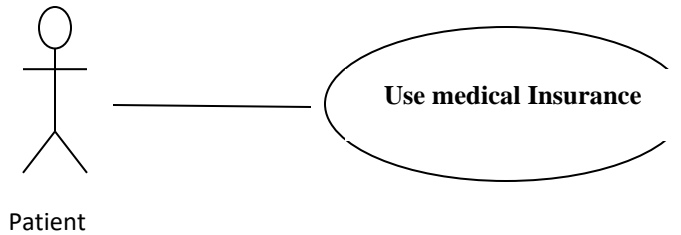
#### Scenario:

Call Emergency	
Actor who initiates the use case	Patient
Pre-condition	User had login to his profile (system) and has permission
Basic path	When user login, he can call emergency to help him
Post condition	User view number of emergency and call it
Alternative Paths	
Actor who benefits from the use case	Patient



## Use case: Use medical Insurance

### Diagram:

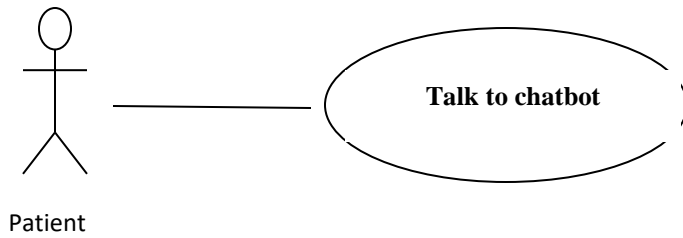


### Scenario:

Use medical Insurance	
Actor who initiates the use case	Patient
Pre-condition	User logged in to his profile (system) and has permission
Basic path	When user login, he can use medical insurance to have a discount on price of medicines
Post condition	User dispends the medicine from the system
Alternative Paths	If patient did not add insurance the system should ask user to add insurance
Actor who benefits from the use case	Patient

## Use case: Talk to chatbot

### Diagram:

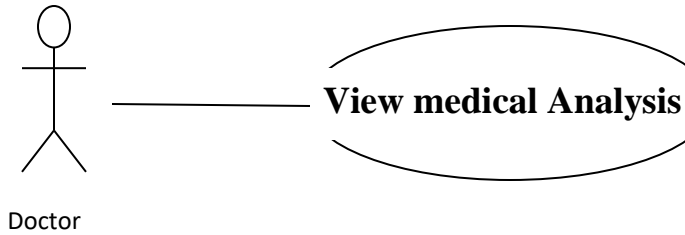


### Scenario:

Talk to chatbot	
Actor who initiates the use case	Patient
Pre-condition	User logged in to his profile (system) and has permission
Basic path	By click on chatbot icon chat will open and patient can type any question and bot will respond with the answer
Post condition	User talk to chatbot and be guided by it
Alternative Paths	If the user typed a wrong question, the system should ask the user to type another one
Actor who benefits from the use case	Patient

## Use case: View medical Analysis

### Diagram:



### Scenario:

View medical Analysis	
Actor who initiates the use case	Doctor
Pre-condition	User logged in to his profile (system) and has permission
Basic path	When User login, he can view medical analysis details
Post condition	User view details about all filtered the medical analysis
Alternative Paths	If the required medical Analysis is not found, the system should display not found message
Actor who benefits from the use case	Doctor