

USE CASES

Access patient's history:

Actor: patient, doctor, nurse, laboratory

Goal : access medical information

Description: the user will be able to access all medical info from this patient

Preconditions: the patient has to have a medical history and the user have a relation with the patient (patients doctor, nurse, etc...)

Standard path: the user has to access the platform by identifying, then needs to search for the patients history by searching by its id number

Modify patient's history

Actor: Doctor

Goal: modify the patient's history

Description: the doctor access the patients history to make changes

Standard Path: doctor decides to prescribe some new medication

Precondition: New diagnosis of the patient

Trigger: to be the patients doctor

Alternate path: doctor vaccinates a patient of a new disease

Postcondition: patient is made aware of these new modifications/changes

Add patient's test results

Actor: Lab workers

Goal: upload the patients test results once they are already be analyzed

Description: lab worker uploads a test result of a patient

Preconditions: The laboratory has already received the samples, The laboratory verify the validity of the samples, The laboratory has already scanned and uploaded the samples

Standard path: The samples are marked as received, the samples are verified, the samples are analyzed

Postcondition: Send a notification to the corresponding patient and doctor

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Modify patient's medication

Actor: Doctor

Goal: modify the patient's medication

Description: The doctor access the patient's information to modify (add/erase/change) an specific medication. The patient's medication is not working so the doctor needs to change it

Standard scenario: The doctors access the medication, change the medication

Precondition: The doctor must have had a previous appointment with the patient before changing it

Postcondition: The new information gets send to the patient so they know the changes

Add patient's check up (diagnosis, notes, procedures taken...)

Add patient's check up

Actor: doctor, nurse,

Goal : add patient's check up if they are hospitalized

Description: when a patient is hospitalized the doctors and nurses that check up on him can add information about their current state

Preconditions: the patient has to be hospitalized or have check ups due to a specific condition/situation

Standard path: the user has to access the platform by identifying , then needs to search for the patients history by searching by its id number, the user will be able to make a quick note about the patients current state and ask a doctor or another specialist to come and visit the patient

Alernative scenario: if required an alert will appear to the corresponding doctor

Postcontition: The information gets added to the patients information

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Alternative scenario: if required an alert will appear to the corresponding doctor

Postcondition: The information gets added to the patients information

Add patient's observations(nurse check on patient, or allergies for example)

Actor: Doctor, Nurse

Goal: add new information relevant to the patient

Description: a doctor or nurse accesses the patients history in order to add relevant/necessary information

Standard Path: nurse/doctor access the platform, selects my patients, select desired patient, select add observations

Triggers: test results show newfound allergies. Doctor/nurse observes something new and important

Precondition: to have treated the patient before

Postcondition: patient is made aware of these new modifications/changes

Make an appointment (doctor)

Actor: Doctor

Goal: have an appointment

Description: The doctor had a previous appointment with the patient and decided another one is needed. The doctor reserves an appointment with one of their patients

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Standard scenario: The doctor enters their the app and adds a knew appointment for the patient

Precondition: The doctor must have had a previous appoinment with the pacient

Trigger: A previous appointment

Postcondition: The appointment needs to be acceppted by the patient

See patient's medication

Actor: patient, doctor, nurse, laboratory

Goal : access a patients current or previous medication

Description: the user will be able to do see all the patients medication in order to have more data when helping a patient

Preconditions: the patient has to have a medical history .the user has to access the platform by identifying

Standar path: the users needs to search for the patients historial by searching by its id number

See future appointments (doctor and patient)

Actor: Doctor, Patient

Goal: to consult when the next appointment is (as well as place, day, hour, doctor, goal, etc...)

Description: the doctor/patient access the profile and see future appointments with doctor/patient. (in case of a doctor this will be used as a schedule)

Standard Path: patient enters the app, goes to "my appointments" and check whether or not he has

Precondition: identify yourself, have appointments

Trigger: none

Postcondition: none

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Generate online prescription

Actor: Doctor

Goal: the patient has the specific prescription to their illness or treatment

Preconditions:

-The patient has already finished its clinic test or the medical/s consultation

Standard path:

-The doctor needs to identify, search the patient and add the necessary medication and info

Postconditions:

1_The medical history is updated

2_The prescription is sent to the patient with a notification

Ask for tests for a patient

Actor: Doctor

Goal: have a specific test done

Description: The doctor decides that the patient needs to have a test done and ask the specialist to get it done for their patients

Standard scenario: The doctors enters the app and ask for the test they want their patient to have and the lab accepts the test with a time and day

Precondition: The patient needs to have had a previous appointment with the doctor

Postcondition:the lab needs to check the availability to do the test

Alternative scenario: If the doctor needs the test immediately, the lab will give it priority

Make an appointment (patient)

Actor: Patient

Goal: have an appointment

Description: The patient has some discomfort or wants to have a check on something.

The patient reserves an appointment with one of the doctors (from any specialty)

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Standard scenario: The patient enters the app and chooses the doctor of the specialty the want and selects a time and day for the appointment