

PROJECT SPECIFICATION



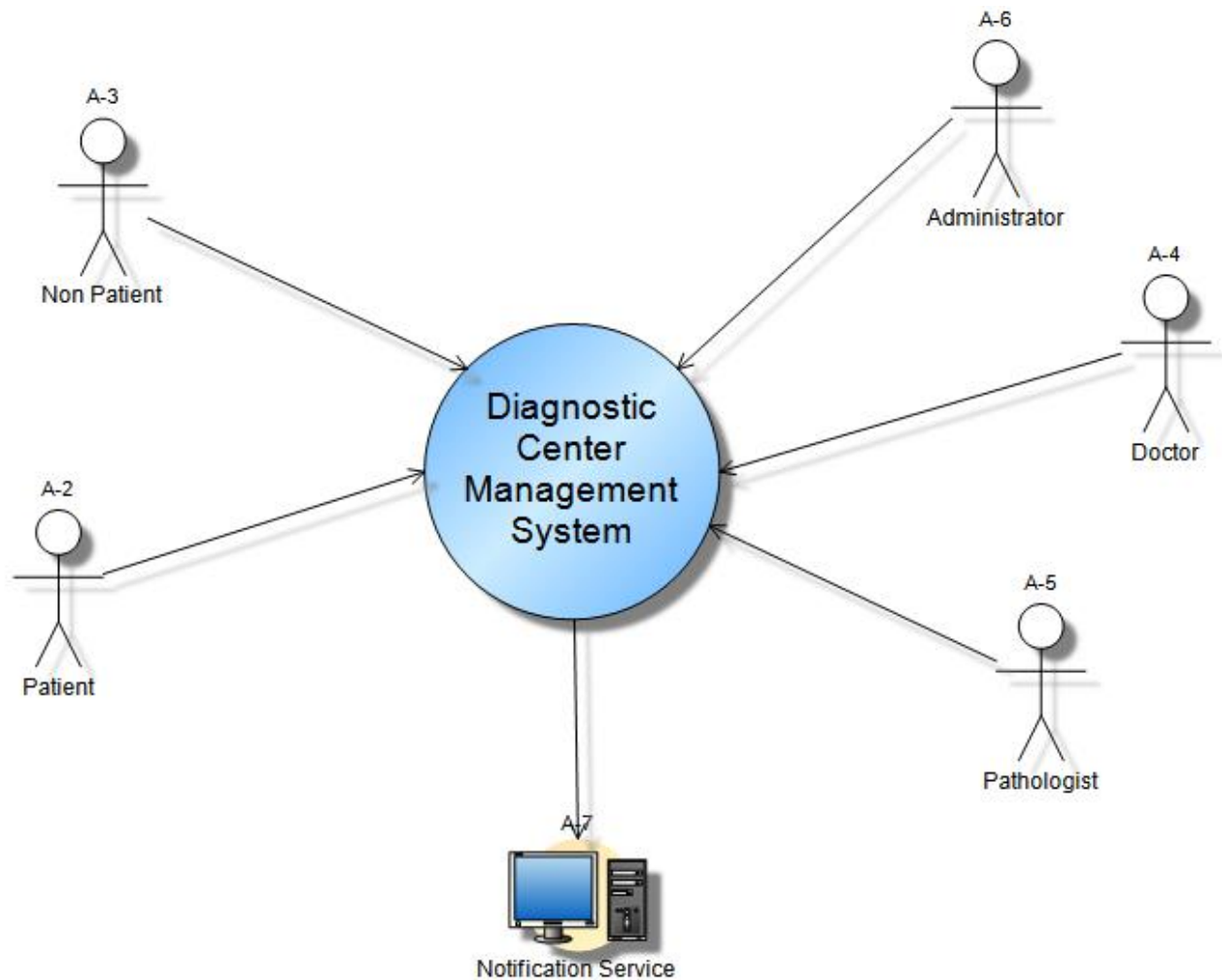
Online Diagnostic Center

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| DEFINITIONS | ERROR! BOOKMARK NOT DEFINED. |
| ISSUES | ERROR! BOOKMARK NOT DEFINED. |

USE CASES

Online Diagnostic Center



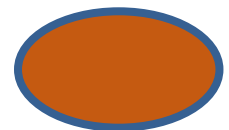
OnlineDiagnosticCenter_Context1

UC-30 - Give Report

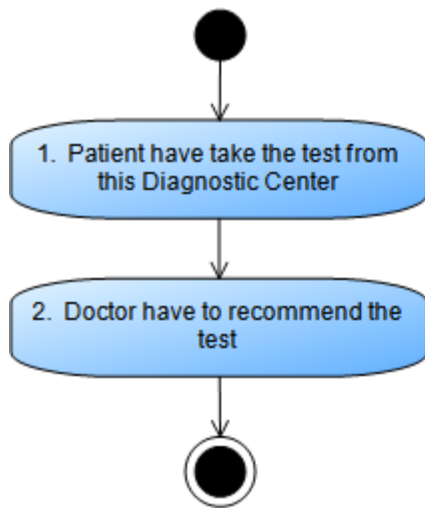
After evaluating the test data [Pathologist](#) will upload on the system. So that [Patient](#) and [Doctor](#) can access it

MAIN SUCCESS SCENARIO

1. [Patient](#) have take the test from this Diagnostic Center
2. [Doctor](#) have to recommend the test

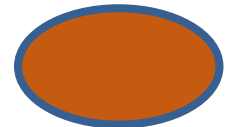


UC-30 Give Report



UC-35 - Notify User

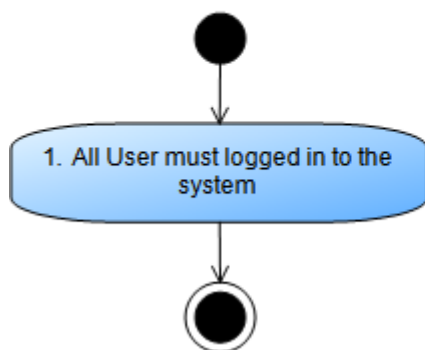
All user will get notify if any event like [Patient](#) test report is ready, [Doctor](#) have a new reservation



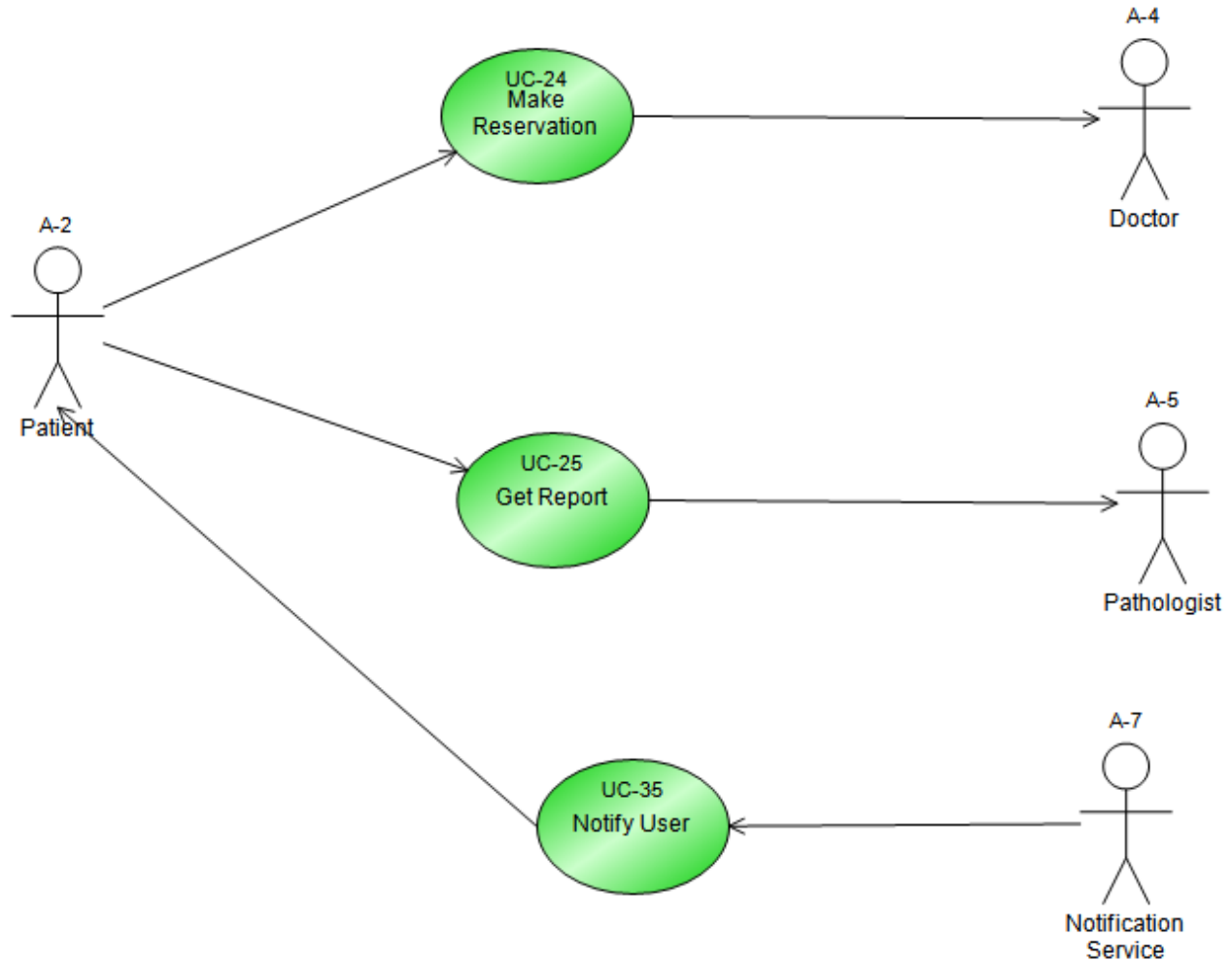
MAIN SUCCESS SCENARIO

1. All User must logged in to the system

UC-35 Notify User



Patient Tasks



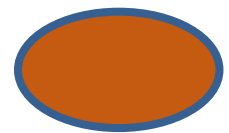
Patient Case Diagram

UC-24 - Make Reservation

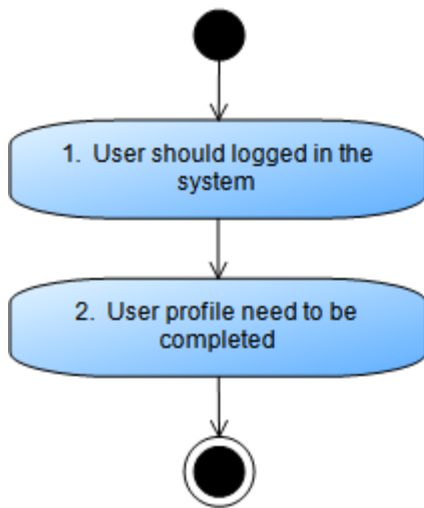
User will reserve his pass for visiting the [Doctor](#).

MAIN SUCCESS SCENARIO

1. User should logged in the system
2. User profile need to be completed



UC-24 Make Reservation

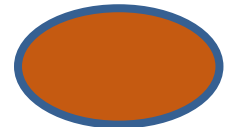


UC-25 - Get Report

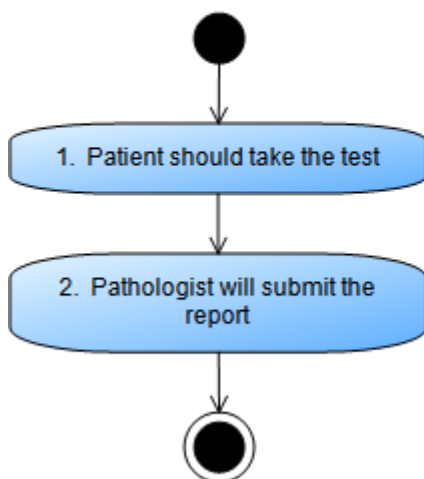
[Patient](#) will get his test report in his Dashboard.

MAIN SUCCESS SCENARIO

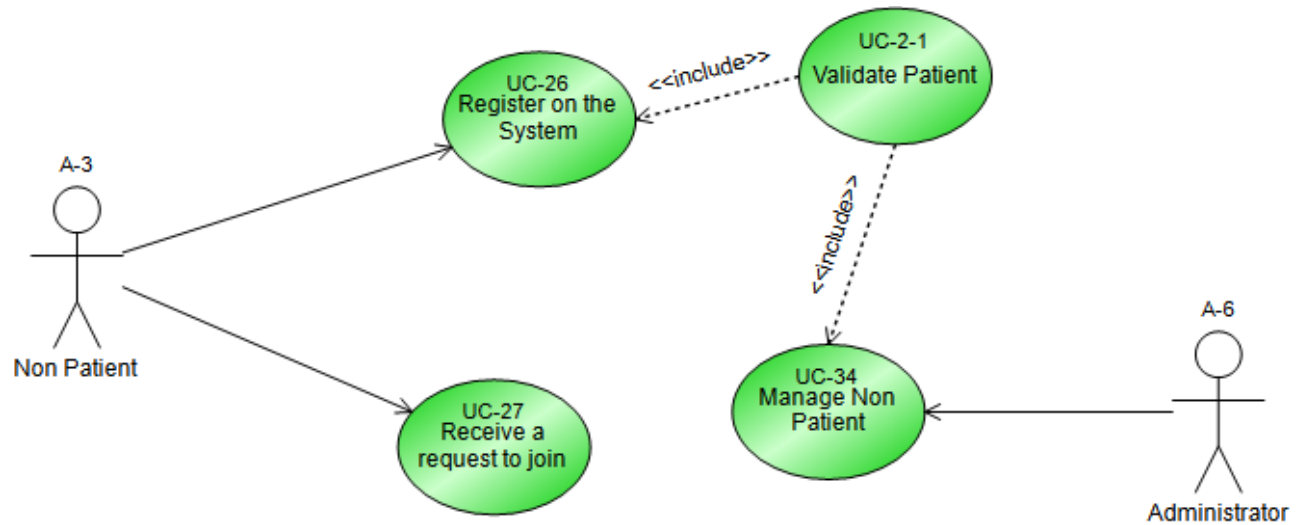
1. [Patient](#) should take the test
2. [Pathologist](#) will submit the report



UC-25 Get Report



Non-Patient Tasks



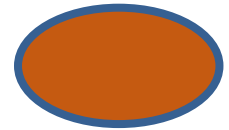
Non-Patient Case Diagram

UC-26 - Register on the System

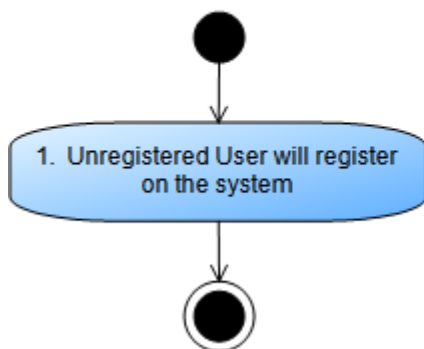
Unregistered User will register on the system

MAIN SUCCESS SCENARIO

1. Unregistered User will register on the system



UC-26 Register on the System

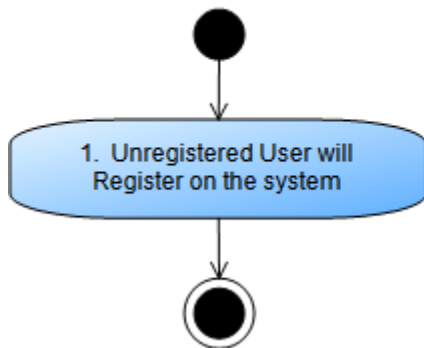


UC-27 - Receive a request to join

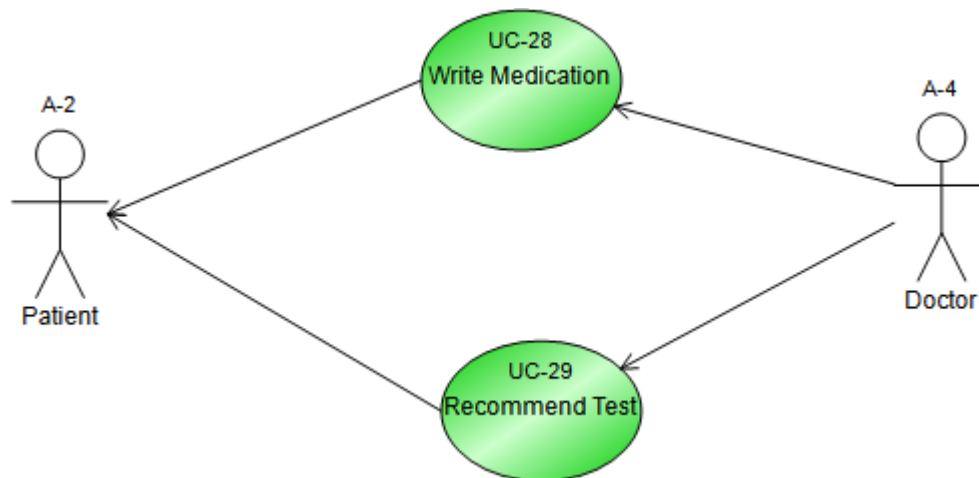
Unregistered user will get request from the Registered User

MAIN SUCCESS SCENARIO

1. Unregistered User will Register on the system

UC-27 Receive a request to join**UC-2-1 - Validate Patient**

Before register to the system a patient information should need to be validate

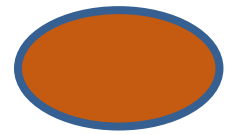
Doctor Tasks**Doctor Case Diagram**

UC-28 - Write Medication

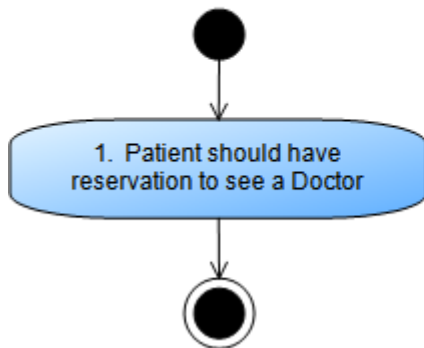
[Doctor](#) write the prescription or medication to the [Patient](#).

MAIN SUCCESS SCENARIO

1. [Patient](#) should have reservation to see a [Doctor](#)



UC-28 Write Medication

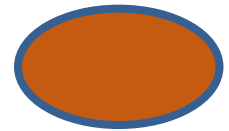


UC-29 - Recommend Test

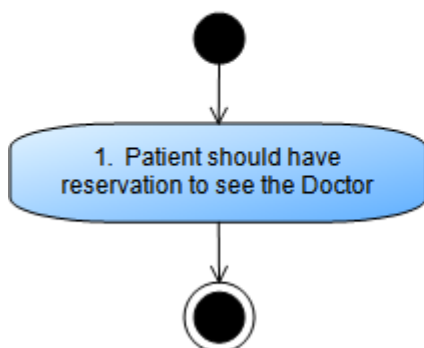
[Doctor](#) recommend [Patient](#) to test so that he can ensure about the disease

MAIN SUCCESS SCENARIO

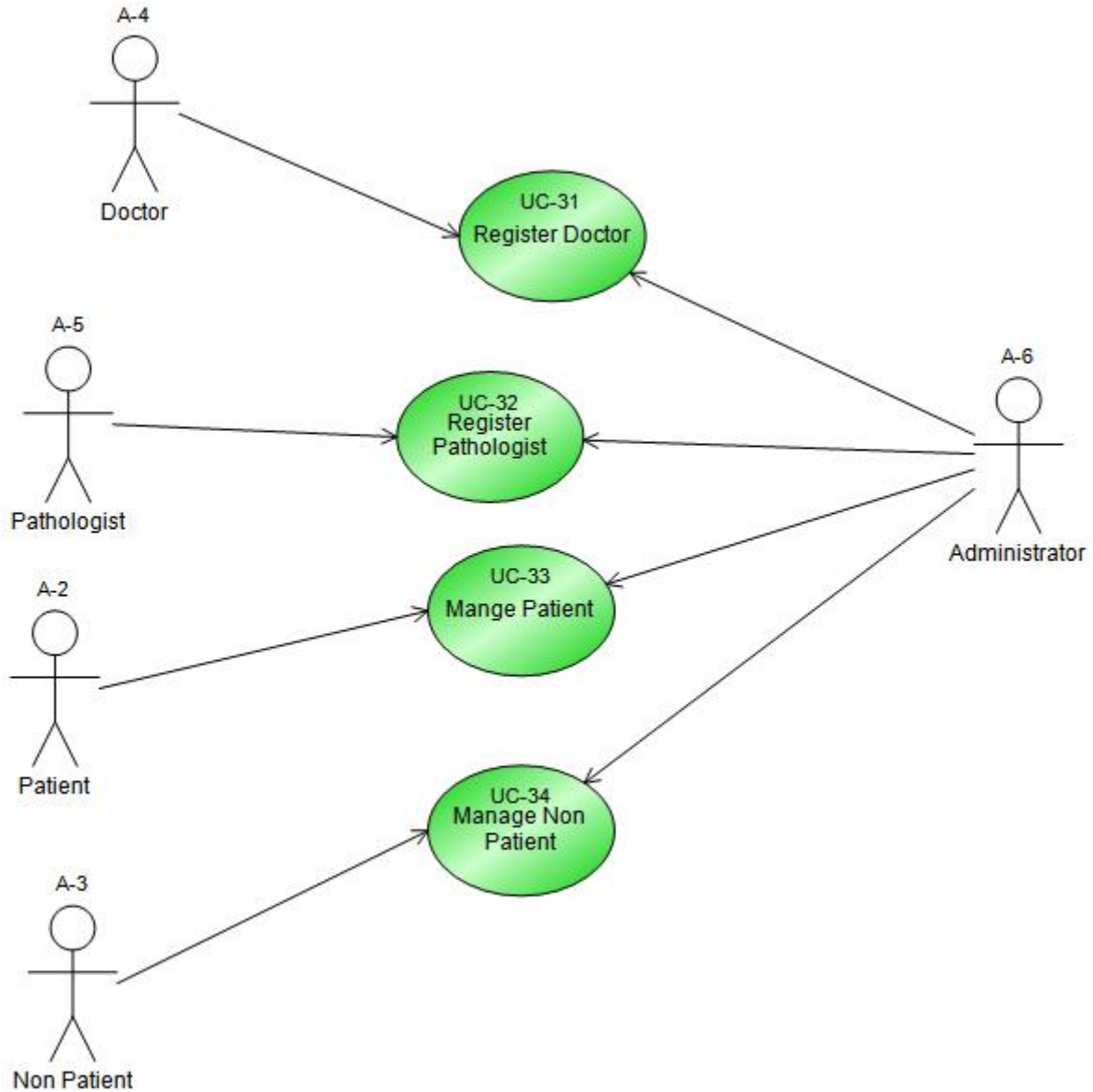
1. [Patient](#) should have reservation to see the [Doctor](#)



UC-29 Recommend Test



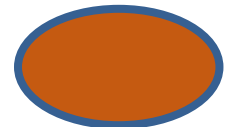
Admin Tasks



Admin Case Diagram

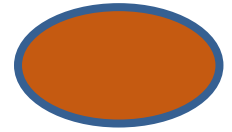
UC-31 - Register Doctor

Admin will register new Doctor to the system for his Department.



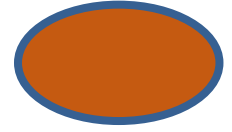
UC-32 - Register Pathologist

Admin will register new Pathologist to the system for his Department.



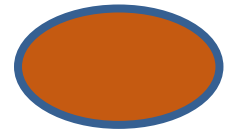
UC-33 - Mange Patient

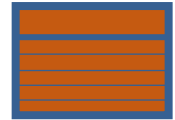
Admin will review Patient information like updating his information, deleting his profile etc.



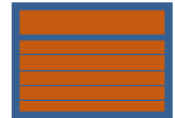
UC-34 - Manage Non Patient

Admin will review a new Patient information and will accept his request to join in the system.

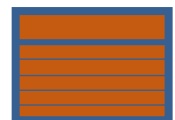


USER STORIES**S-1-1 Reserve My Doctor****Must****Backlog**

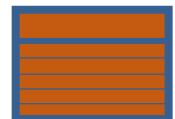
I'm a [Patient](#). I like to reserve my [Doctor](#) appointment from mobile or website

S-1-2 Online Prescription**Must****Backlog**

I like to have my prescription online. So that If I lost the real one I can come here and collect my copy from online

S-1-3 Online Report**Must****Backlog**

I like to have my test report online so that it will never lost. If [Doctor](#) want to see my medical history he can look at that

S-3-1 Patient Medical History**Should****Backlog**

I like to see my [Patient](#) previous medical history like prescription and test reports. It will help me to treat the [Patient](#) easily.

ACTORS



| Name | Description | Participates in |
|-----------------------------------|--|---|
| Administrator (A-6) | A user who will manage the whole system and can register Doctor and Pathologist . | UC-2-1 Validate Patient UC-31 Register Doctor UC-32 Register Pathologist UC-33 Mange Patient UC-34 Manage Non Patient |
| Doctor (A-4) | A user who will use the system to give service to the Patient . | UC-24 Make Reservation UC-28 Write Medication UC-29 Recommend Test UC-31 Register Doctor |
| Non Patient (A-3) | A person or patient who does not yet register on the diagnostic management system | UC-26 Register on the System UC-27 Receive a request to join UC-34 Manage Non Patient |
| Notification Service (A-7) | A system service which will notify Patient , Doctor , Pathologist and Administrator on some events | UC-35 Notify User |
| Pathologist (A-5) | A user who will analyze the test and upload it on the system | UC-30 Give Report UC-25 Get Report UC-32 Register Pathologist |
| Patient (A-2) | A person who will use the system to get services from the diagnostic center | UC-24 Make Reservation UC-25 Get Report UC-28 Write Medication UC-29 Recommend Test UC-33 Mange Patient |

REQUIREMENTS

REQ-1-1 Doctor Reservation**Functional****Priority 1****Mandatory**

[Patient](#) will reserve [Doctor](#) to get treatment

REQ-1-2 Online Test Report**Functional****Priority 1****Mandatory**

[Patient](#) will get Test Reports on Online

REQ-2-1 Non Patient Information Validation**Non-functional****Priority 1**

A new [patient](#) information should need to be validate before get access to the system

REQ-3-1 Online Medication**Functional****Priority 1****Mandatory**

[Doctor](#) will write medication online prescription

REQ-4-1 Validate Doctor Information**Non-functional****Priority 1****Approved**

[Doctor](#) information should need to be validate before register on the system.

REQ-4-2 Validate Pathologist Information**Non-functional****Priority 1****Approved**

[Pathologist](#) information should be validate before register on the system.