Use Case 1

UC ID and Name:	UC1 Login or Register		
Created By:	Hospital Management	Date Created:	2-April-2021
Primary Actor:	Patient	Secondary Actors:	Nurse
Trigger:	The Patient which wants to start medication in hospital will perform this action.		
Description:	This is the first step to get into the hospital system where hospital system can be used for many purposes, such as booking appointment , checkout your doctor etc.		
Preconditions:	1. The user must have internet connectivity and the correct link for the website.		
Post conditions:	1. The user will get into the next interface where user will perform next given task and can look into the different things provided by hospital management.		
Normal Flow:	1. User will have the account and login to the system and can taste the given functionalities.		
Alternative Flows:	1. The user doesn't have the account so first user have to register/ make account in the system.		
Exceptions:	-		
Priority:	First user have to enter name and passcode to enter in system or to register him/herself.		
Frequency of Use:	Every first time of visiting website.		
Business Rules:	-		
Other Information:	The system have to perform fast so that the user have not to wait for so long.		
Assumptions:	The user may have not enter any information so that on refreshing all the information cannot be gone.		

Use Case 2

UC ID and Name:	UC2 Appointments		
Created By:	Hospital Management	Date Created:	2-April-2021
Primary Actor:	Patient, Doctor, Nurse	Secondary Actors:	-
Trigger:	The Patient if he/she want to book an appointment, Doctor if he wants to change the appointment time or day, Nurse if he/she want to check Patient's appointment or want to change timing.		
Description:	The allow user to make, cancel, change an appointment with doctor.		
Preconditions:	2. The User have to login in the system.		
Post conditions:	2. The conformation notification of any of the above actions		
Normal Flow:	The System perform the given task and send notification.		
Alternative Flows:	The Appointment time patient want is already taken. So register any other time for user by user choice.		
Exceptions:	The two user make appointment at the same time for the same time .		
Priority:	The Doctor have to be free at that time.		
Frequency of Use:	Patient can cancel appointment 3 times and doctor can change his time once in a month.		
Business Rules:	The system have to take care of the user using system at the same time.		
Other Information:	-		
Assumptions:	The Patient is little bit familiar with online systems.		

Use Case 3

UC ID and Name:	UC3 Medical history		
Created By:	Hospital management	Date Created:	2-April-2021
Primary Actor:	Doctor , Patient	Secondary Actors:	-
Trigger:	The Patient if he/she wants to add some detail or document to his history, Doctor if he/she wants to check history and remove any unwanted thing from history.		
Description:	This functionality will enables the user to enter information which can be seen by the doctor to make decision accordingly.		
Preconditions:	3. The Patient have to book an appointment so that he/she can go to doctor so can doctor check everything and Patient have to register him/herself first to enable this functionality.		
Post conditions:	-		
Normal Flow:	2. The Patient easily accept his uploading document and written things .		
Alternative Flows:	The size or format of the document for uploading is not suitable.		
Exceptions:	The space is full and no other document or anything will be accepted.		
Priority:	-		
Frequency of Use:	Anytime user wants .		
Business Rules:	The Patient have full authority to upload material and any material can be deleted by doctor.		
Other Information:	This functionality may be use by layperson so system must have ability to accept all the generic format document.		
Assumptions:	-		

Use Case 4

UC ID and Name:	UC4 Laboratory test.
Created By:	Hospital management	Date Created:	3-April-2021
Primary Actor:	Lab in charge, Doctor	Secondary Actors:	Patient
Trigger:	The Doctor who want to check or prescribe any test, Lab in charge who wants to see or upload the test and test report, The Patient who want to check the test report.
Description:	This functionality is for the doctor to make a prescription ,lab in charge will upload the corresponding test result and Patient will have a look on the result.
Preconditions:	4. Book appointment to meet doctor first
Post conditions:	3. Doctor will prescribe medicine for that.
Normal Flow:	3. Everything is going as per command by user.
Alternative Flows:	The upload of report fails due to connection lost. So user have to follow steps one more time to go on normal flow.
Exceptions:	The lab in charge unable to upload the test result and doctor is not able to view report or they lost the uploaded data.
Priority:	First the prescription will be uploaded by doctor then lab in charge can take test and upload test report.
Frequency of Use:	1 times/day.
Business Rules:	The report cannot be accessed by the nurse nor anyone else except the Doctor, Lab in charge, Patient.
Other Information:	This is confidential and if doctor make restriction on report so Patient will also be not able to view report.
Assumptions:	This Lab in charge know basic procedure to upload file.

Use Case 5

UC ID and Name:	UC5 Medicine

Created By:	Hospital management	Date Created:	3-April-2021
Primary Actor:	Doctor	Secondary Actors:	Chemist , Patient

Trigger:	The Doctor if he/she wants to prescribe any medicine for the Patient, Chemist to give the medicine from store, Patient who wants to check what doctor prescribe for him/her.
Description:	The functionality may be used by the uneducated once so make this will be like familiar option such as Plus sign for the medicine
Preconditions:	5. The Appointment must be register for the patient.
Post conditions:	Payment by Patient.
Normal Flow:	4. The doctor prescribe medicine and chemist can view the medicine.
Alternative Flows:	The Medicine which is not present in the store so that chemist can ask the doctor for some other pills.
Exceptions:	The Store timing is over so that Patient have to print the prescription chit to take medicine form some other store
Priority:	Every Command will be run sequence vise , like Doctor->Patient->Chemist.
Frequency of Use:	Once every appointment time.
Business Rules:	The System allow the doctor to add, remove or change the medicine if he/she wants to. Chemist can easily access Prescription.
Other Information:	-
Assumptions:	-

Use Case 6

UC ID and Name:	UC6 Payment		
Created By:	Hospital management	Date Created:	3-April-2021
Primary Actor:	Patient , chemist	Secondary Actors:	Patient
Trigger:	The Chemist who want to add bill according to medicine, Patient Who wants to view or make payment.		
Description:	This system will be connect to some bank account so it will notify the chemist when payment by Patient will be made so that he can check the bank account.		
Preconditions:	6. The Medicine are all present.		
Post conditions:	4. After payment done medicine are given to Patient.		
Normal Flow:	5. All the medicine were there and are given to Patient and payment is done.		
Alternative Flows:	Manual payment		
Exceptions:	Patient doesn't have bank account or chemist's bank account limit reaches to maximum		
Priority:	-		
Frequency of Use:	1 time/ every visit		
Business Rules:	Smooth method for payment.		
Other Information:	-		
Assumptions:	-		