

USE CASES

Register User	
Name	Register User
Actor	Admin
Description	Admin creates an account to access the system.
Pre-condition	New user to be added is not yet in the system.
Post-condition	A new user is added to the system.
Main Course	<ol style="list-style-type: none">1. Admin clicks on Add New User button.2. Admin inputs new user's first name, middle name, last name and email address, username, role id, password3. Admin clicks Register button.4. The system checks the information.5. New account has been created with.6. Exit
Exception	<p>e3.1. At least one input is left blank.</p> <ul style="list-style-type: none">• The admin will be informed to fill in all the input boxes.• Repeat step 2. <p>e4.1. A username of the same value already exists in the system.</p> <ul style="list-style-type: none">• The admin will be informed that such a username already exists in the system.• The new user will not be saved.• Repeat step 2

Forgot Password	
Name	Forgot Password
Actor	Doctor/Nurse/Admin
Description	Doctor/Nurse/Admin
Pre-condition	The username and password already registered in the system.
Post-condition	Allows the doctor/nurse/admin to have an email sent to them to change a forgotten password.
Main Course	<ol style="list-style-type: none"> 1. The doctor/nurse/admin selects the forgot password option. 2. Redirect to forgot password page. 3. Doctor/nurse/admin enters his/her email address. 4. Doctor/nurse/admin click the forgot password button 5. The system redirects to login page. 6. Exit.
Exception	<p>e4.1 Email Address is valid</p> <ul style="list-style-type: none"> ● Display message stating that the new password was sent to the email given. <p>e4.2 Email Address does not exist.</p> <ul style="list-style-type: none"> ● Display an error message. ● Repeat step 4.
Alternative	<p>a4.1 Cancel</p> <p>Redirects to login page.</p>

Add Patient File	
Name	Add Patient File
Actor	Nurse
Description	Nurse will add a patient information in the system
Pre-condition	Patients information is not registered in the system.
Post-condition	Successfully added the patient's file/s.
Main Course	<ol style="list-style-type: none"> 1. Nurse is on the dashboard. 2. Clicks the add patient in the sidebar 3. Nurse fill up the form for personal info, personal history, Pulmonary, Cardiac, Guts, Illness, Neurologic 4. Clicks the save button 5. Exit
Exception	<p>e 4.1. If one of the required field, which is the personal info and personal history is/are blank.</p> <ul style="list-style-type: none"> ● Display message stating that the nurse should fill up the required fields. ● Repeat 3 <p>e 4.2. If the school id already exist.</p> <ul style="list-style-type: none"> ● Display message stating that the patient's file already exist. ● Repeat 3
Alternative	<p>a4.1 Clear</p> <ul style="list-style-type: none"> ● The inputted data will be cleared.

View Patient File	
Name	View Patient File
Actor	Doctor
Description	Doctor wanted to view the patient's file for references.
Pre-condition	Patient's file is already in the system.
Post-condition	The Doctor viewed the patient's file .

Main Course	<ol style="list-style-type: none"> 1. The Doctor clicks the view patient file on the sidebar 2. The Doctor enter the patient's id on the search box 3. Displays the patient file. 4. Exit
Exception	<p>e 2.1. If the patient's id is invalid</p> <ul style="list-style-type: none"> ● Display error message ● Repeat step 2

Password Reset	
Name	Password reset
Actor	Doctor/Nurse/Admin
Description	Doctor/Nurse/Admin decides to reset password.
Pre-condition	Doctor/Nurse/Admin already has an account in the system.
Post-condition	The current password will be changed with the new password.
Main Course	<ol style="list-style-type: none"> 1. Doctor/Nurse/Admin inputs his/her email address. 2. Doctor/Nurse/Admin clicks 'submit' button 3. An email is sent to the email address with the link to input the password 4. Doctor/Nurse/Admin inputs his/her current password and new password 5. Doctor/Nurse/Admin clicks 'submit' button. 6. Current password is changed with the new password. 7. Exit
Exception	<p>e2.1. Email is invalid</p> <ul style="list-style-type: none"> ● Doctor/Nurse/Admin will get an error message "invalid email" and Doctor/Nurse/Admin will be informed to re-enter the email. ● Repeat 2. <p>e4.1. Incorrect current password</p> <ul style="list-style-type: none"> ● Doctor/Nurse/Admin will get an error message "incorrect current password" and Doctor/Nurse/Admin will be informed to re-enter current password ● Repeat 4.

Retrieve User	
Name	Retrieve User
Actor	System Administrator
Description	Retrieve User Details from a specific user through id.
Pre-condition	The user is already in the system.
Post-condition	The user's details will be returned.
Main Course	<ol style="list-style-type: none"> 1. System Administrator inputs 'id' on the search bar. 2. System returns user's first name, middle name, last name, email and username 3. Exit
Exception	e2.1. Id does not exist in the database. <ul style="list-style-type: none"> • Send error message "No User Found" • Repeat step 1

Appointment Confirmation	
Name	Appointment Confirmation
Actor	Doctor
Description	Doctor confirms whether he/she accepts the patient or refers patient to another doctor.
Pre-condition	<ul style="list-style-type: none"> • Doctor is already logged in • Nurse has sent the examination and appointment request to the doctor.
Post-condition	If the Doctor accepts the appointment, he/she can update the assessment of the patient.
Main Course	<ol style="list-style-type: none"> 1. Nurse will assess the patient 2. Nurse sends the patient's assessment to the doctor. 3. Exit

Log in	
Name	Log in
Actor	Doctor/Nurse/Admin
Description	Doctor/Nurse/Admin logs in to be able access the system.
Pre-condition	As an identification, doctor/nurse/admin have username and password that is already stored in the system.
Post-condition	Doctor/nurse/admin can access the system.
Main Course	<ol style="list-style-type: none"> 1. The doctor/nurse/admin enters username and a password. 2. The doctor/nurse/admin clicks the login button. 3. Redirected to homepage. 4. Exit.
Exception	<p>e2.a Username is left blank.</p> <ul style="list-style-type: none"> • Send an error message “Please fill all fields.” • Repeat 1. <p>e2.b Password is left blank.</p> <ul style="list-style-type: none"> • Send an error message “Please fill all fields.” • Repeat 1. <p>e2.c Username is not recognized.</p> <ul style="list-style-type: none"> • Send an error message “Invalid username or password.” • Repeat 1. <p>e2.d Entered password is incorrect</p> <ul style="list-style-type: none"> • Send an error message “Invalid Password or password” • Repeat 1

Add Assessment	
Name	Add Assessment
Actor	Nurse
Description	Add new patient’s assessment.
Pre-condition	Patient’s profile is already stored in the system.

Post-condition	The patient's assessment will be sent to the doctor's notification.
Main Course	<ol style="list-style-type: none"> 1. Doctor clicks the add assessment button. 2. Doctor inputs the id of the patient, name of patient, vital signs (temperature,pulse_rate,respiration_rate,blood_pressure,weight), chief complaint, history of present illness, medications taken, diagnosis, recommendation, and attending physician. 3. Doctor clicks the done button. 4. Exit
Exception	e3.1 Required fields are left blank. <ul style="list-style-type: none"> ● Send an error message ● Repeat 2.

View Assessment	
Name	View Assessment
Actor	Doctor
Description	Retrieve Assessment of a specific patient
Pre-condition	Doctor has already been notified of an appointment request
Post-condition	Patient's assessment will be viewed by the doctor.
Main Course	<ol style="list-style-type: none"> 1. Doctor clicks the view assessment on the sidebar 2. Doctor enters the patient's id 3. Doctor clicks the assessment 4. Exit
Exception	e2.1 If the patient's id is invalid <ul style="list-style-type: none"> ● Send an error message stating that the id is invalid ● Repeat 1.

Doctor Referral	
Name	Doctor Referral
Actor	Doctor
Description	When the doctor is uncertain of the situation, doctor can refer patient to other doctors for evaluation.
Pre-condition	Doctor has already approved appointment request.
Post-condition	Other doctor is notified of appointment request.
Main Course	<ol style="list-style-type: none"> 1. Doctor clicks “Refer to other doctor” button. 2. Doctor selects the other doctor he/she refers the patient to. 3. Doctor clicks the send button. 4. Appointment Request is sent to the other doctor. 5. Other doctor is notified. 6. Exit
Exception	e3.1 No doctor is selected. <ul style="list-style-type: none"> • Error message will display saying “Must select doctor.” • Repeat step 2

Notification	
Name	Notification
Actor	Doctor, Nurse
Description	The doctor will receive a notification after the nurse sent the assessment.
Pre-condition	The Nurse already assess the patient
Post-condition	The doctor will be notified and he/she will accept the appointment or refer to another doctor
Main Course	<ol style="list-style-type: none"> 1. The nurse assess the student 2. The nurse will select an attending physician 3. The nurse will click the “send appointment” button. 4. The doctor received the notification 5. exit

