

## 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"><li>1. Admin clicks on Add New User button.</li><li>2. Admin inputs new user's first name, middle name, last name and email address, username, role id, password</li><li>3. Admin clicks Register button.</li><li>4. The system checks the information.</li><li>5. New account has been created with.</li><li>6. Exit</li></ol>
Exception	<p>e3.1. At least one input is left blank.</p> <ul style="list-style-type: none"><li>• The admin will be informed to fill in all the input boxes.</li><li>• Repeat step 2.</li></ul> <p>e4.1. A username of the same value already exists in the system.</p> <ul style="list-style-type: none"><li>• The admin will be informed that such a username already exists in the system.</li><li>• The new user will not be saved.</li><li>• Repeat step 2</li></ul>

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"> <li>1. The doctor/nurse/admin selects the forgot password option.</li> <li>2. Redirect to forgot password page.</li> <li>3. Doctor/nurse/admin enters his/her email address.</li> <li>4. Doctor/nurse/admin click the forgot password button</li> <li>5. An email is sent to the email address of the user containing a randomly generated password for the user's username.</li> <li>6. Exit.</li> </ol>
Exception	<p>e4.1 Email Address is valid</p> <ul style="list-style-type: none"> <li>• Display message stating that the new password was sent to the email given.</li> </ul> <p>e4.2 Email Address does not exist.</p> <ul style="list-style-type: none"> <li>• Display an error message.</li> <li>• Repeat step 4.</li> </ul>
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"> <li>1. Nurse is on the dashboard.</li> <li>2. Clicks the add patient in the sidebar</li> <li>3. Nurse fill up the form for personal info, personal history, Pulmonary, Cardiac, Guts, Illness, Neurologic</li> <li>4. Clicks the save button</li> <li>5. Exit</li> </ol>
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"> <li>● Display message stating that the nurse should fill up the required fields.</li> <li>● Repeat 3</li> </ul> <p>e 4.2. If the school id already exist.</p> <ul style="list-style-type: none"> <li>● Display message stating that the patient's file already exist.</li> <li>● Repeat 3</li> </ul>
Alternative	<p>a4.1 Clear</p> <ul style="list-style-type: none"> <li>● The inputted data will be cleared.</li> </ul>

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

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"> <li>1. Doctor/Nurse/Admin clicks Password Reset button.</li> <li>2. Doctor/Nurse/Admin inputs current password.</li> <li>3. Doctor/Nurse/Admin inputs new password.</li> <li>4. Doctor/Nurse/Admin again inputs password in password confirmation section</li> <li>5. Doctor/Nurse/Admin clicks submit button.</li> <li>6. Password is changed</li> <li>7. Exit</li> </ol>
Exception	<p>e5.1. Incorrect current password</p> <ul style="list-style-type: none"> <li>● Doctor/Nurse/Admin will get an error message “incorrect current password” and Doctor/Nurse/Admin will be informed to re-enter current password</li> <li>● Repeat 2.</li> </ul> <p>e5.1 New password and password confirmation don't match</p> <ul style="list-style-type: none"> <li>● Doctor/Nurse/Admin will get an error message “passwords do not match” and Doctor/Nurse/Admin will be informed to re-enter both new password and password confirmation</li> <li>● Repeat from 3.</li> </ul>

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<b>Retrieve User</b>	
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"> <li>1. System Administrator inputs either name, middle name, last name or email address on the search bar.</li> <li>2. System returns first name, middle name, last name, email and username of the users who contain the input entered</li> <li>3. Exit</li> </ol>
Exception	e2.1. Data input does not exist in the database. <ul style="list-style-type: none"> <li>• Send error message "No User Found"</li> <li>• Repeat step 1</li> </ul>

<b>Appointment Confirmation</b>	
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"> <li>• Doctor is already logged in</li> <li>• Nurse has sent the examination and appointment request to the doctor.</li> </ul>
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"> <li>1. Nurse will assess the patient</li> <li>2. Nurse sends the patient's assessment to the doctor.</li> <li>3. Exit</li> </ol>

<b>Log in</b>	
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"> <li>1. The doctor/nurse/admin enters username and a password.</li> <li>2. The doctor/nurse/admin clicks the login button.</li> <li>3. Redirected to homepage.</li> <li>4. Exit.</li> </ol>
Exception	<p>e2.a Username is left blank.</p> <ul style="list-style-type: none"> <li>• Send an error message “Please fill all fields.”</li> <li>• Repeat 1.</li> </ul> <p>e2.b Password is left blank.</p> <ul style="list-style-type: none"> <li>• Send an error message “Please fill all fields.”</li> <li>• Repeat 1.</li> </ul> <p>e2.c Username is not recognized.</p> <ul style="list-style-type: none"> <li>• Send an error message “Invalid username or password.”</li> <li>• Repeat 1.</li> </ul> <p>e2.d Entered password is incorrect</p> <ul style="list-style-type: none"> <li>• Send an error message “Invalid username or password</li> <li>• Repeat 1</li> </ul>

<b>Add Assessment</b>	
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"> <li>1. Doctor clicks the add assessment button.</li> <li>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.</li> <li>3. Doctor clicks the done button.</li> <li>4. Exit</li> </ol>
Exception	e3.1 Required fields are left blank. <ul style="list-style-type: none"> <li>• Send an error message</li> <li>• Repeat 2.</li> </ul>

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"> <li>1. Doctor clicks the view assessment on the sidebar</li> <li>2. Doctor enters the patient's id</li> <li>3. Doctor clicks the assessment</li> <li>4. Exit</li> </ol>
Exception	e2.1 If the patient's id is invalid <ul style="list-style-type: none"> <li>• Send an error message stating that the id is invalid</li> <li>• Repeat 1.</li> </ul>

<b>Doctor Referral</b>	
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"> <li>1. Doctor clicks “Refer to other doctor” button.</li> <li>2. Doctor selects the other doctor he/she refers the patient to.</li> <li>3. Doctor clicks the send button.</li> <li>4. Appointment Request is sent to the other doctor.</li> <li>5. Other doctor is notified.</li> <li>6. Exit</li> </ol>
Exception	e3.1 No doctor is selected. <ul style="list-style-type: none"> <li>• Error message will display saying “Must select doctor.”</li> <li>• Repeat step 2</li> </ul>

<b>Notification</b>	
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"> <li>1. The nurse assess the student</li> <li>2. The nurse will select an attending physician</li> <li>3. The nurse will click the “send appointment” button.</li> <li>4. The doctor received the notification</li> <li>5. exit</li> </ol>



