Test Case	Software Feature	Steps	Expected	Actual Result	Passed /
ID	i catal c				Failed
1	Admin Login	➤ Execute the program.     ➤ Provide the username: "admin"     ➤ Input the password: "123"	After properly starting up, the hospital management system requests a username.  The software asks for a password once the user enters their username.  When you log in successfully, the admin menu appears.	Enter the username: admin Enter the password: 123 Choose the operation:  1- Register/view/update/delete doctor 2- View patients 3- Discharge patient 5- Assign doctor to a patient 6- Update admin details 7- Relocate the patient 8- Patient of same family 9- Management Reports 10- Quit Option:	Passed
2	Running {Viewing - Register/View/ update/delete doctor}	➤ Start the program Successful Login     ➤ Choosing Option '1' from the Admin Menu	Successful system startup. The computer will ask the administrator to select an action.	Option: 1Doctor Management Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Please input the operation:	Passed
3	Registration of a Doctor in the Doctor Management System	> Start the program Successful Login > Choosing Option '1' from the Admin Menu > Choosing operation '1' in the Doctor Management	The doctor's registration is displayed when the admin selects operation '1' in the doctor management system.  We'll ask who your doctor is. The doctor's initial name, surname name, and area of expertise will be requested.  A notification indicating successful registration will be shown once the doctor's information has been entered.	Choose the operation:  1    Register  2    View  3    Update  4    Delete Please input the operation: 1Register Enter the doctor's details: Enter the first name of the doctor: Bibek Enter the surname of the doctor: Neurologist Doctor registered.	Passed

4	Viewing the list	Start the	Successful login		Passed
	of doctors in	program successful	and	Doctor Management	
	the Doctor	Login.	system startup	Choose the operation:	
	Management	Choosing	for	1 - Register 2 - View	
	System	option '1' from the	hospital	3 - Update	
		admin menu	management.	4 - Delete	
		Choosing	_	Please input the operation: 2List of Doctors	
		Operation '2' in the	The computer	1 JohnSmith Internal Med.	
		doctor management	will ask the	2 JoneSmith Pediatrics	
			admin to select	3 JoneCarlos   Cardiology 4 Bibek Sapkota   Neurologist	
			an action.	.,	
			When an admin		
			When an admin selects option		
			'1', the Doctor		
			management		
			system will		
			show up.		
			5 <b>.</b> up.		
			When the		
			admin selects		
			Operation '2' in		
			the Doctor		
			Management		
			area, a list of		
			the Doctors who		
			have registered		
			is displayed.		
5	Updating details	Start the	Successful login		Passed
	of doctors in	program successful	and system	Doctor Management Choose the operation: 1 - Register	
	the Doctor	Login.	startup for	2 - View 3 - Update	
	Management	Choosing option	hospital	4 - Delete Please input the operation: 3Update Doctor's Details	
	System	'1' from the admin	management.	ID   Full name   Speciality 1   JohnSmith   Internal Med.	
		menu	The program	3 JoneCarlos   Cardiology 4 BibekSapkota   Neurologist	
		> Choosing	will prompt the	Enter the ID of the doctor: 1 Choose the field to be updated:	
		Operation '3' in the	admin to choose	1 First name 2 Surname 3 Speciality	
		doctor management	an operation	Input:	
				Change the field to be undeted.	
			When an admin	Choose the field to be updated:  1 First name	
			selects option	2 Surname	
		Choosing	'1', the Doctor	3 Speciality	
		Operation '1' in the	management	Input: 1	
		field	system will	Enter the new first name : Hari	
		To be updated	show up.	Your first name is updated.	
			MATIN OF A II		
			When the	Choose the field to be updated:	
			admin selects	1 First name	
		Choosing	Operation '3' in the Doctor	2 Surname	
		Operation '2' in the	Management	3 Speciality	
		field	area. A doctor's	<pre>Input: 2 Enter the new surname : Karki</pre>	
		To be updated	ID will be	Your surname is updated.	
			required to	Tour surname is updated.	
			update		
			information.	Choose the field to be updated:	
				1 First name 2 Surname	
			After choosing	2 Surname 3 Speciality	
			an ID doctor, a	Input: 3	
		Choosing	question	Enter the new speciality : Dentist	
		Operation '3' in the	requesting the	Your speciality is updated.	
		field	doctor's first		
		To be updated	name, last		
			name, and		

6	Deleting the detail of the	> Start the program successful	specialization will appear.  After inputting the doctor's information, a notification indicating that the information has been correctly updated will appear.  Successful login and system		Passed
	doctor in the Doctor Management System	Login.  Choosing option  '1' from the admin menu  Choosing Operation '4' in the doctor management	startup for hospital management.  The program will prompt the admin to choose an operation  When an admin selects option '1', the Doctor management system will show up.  When the admin selects Operation '4' in the Doctor Management area. The doctor's ID will be required.  The doctor's information is deleted from the list when selecting an ID doctor.	Doctor Management Choose the operation:  1 - Register 2 - View 3 - Update 4 - Delete Please input the operation: 4Delete Doctor ID	
7	Viewing the list of patients	➤ Start the program successful Login.	Successful login and system startup for hospital management.  The program will prompt the admin to choose an operation  When an admin selects option '2', the list	Choose the operation:  1 - Register/view/update/delete doctor  2 - View patients  3 - Discharge patient  5 - Assign doctor to a patient  6 - Update admin details  7 - Relocate the patient  8 - Releant of same family  9 - Brangement Reports  10 - Quit  11 - Quit  12 - Quit  13 - Quit  14 - Quit  15 - Quit  16 - Quit  17 - Quit  18 - Quit  18 - Quit  19 - Quit  19 - Quit  10 - Quit  10 - Quit  11 - Quit  10 - Quit  11 - Quit  12 - Quit  13 - Quit  14 - Quit  15 - Quit  16 - Quit  17 - Quit  18 - Quit  18 - Quit  19 - Quit  19 - Quit  19 - Quit  19 - Quit  10 - Quit  1	Passed

8	Discharge of Patient	> Start the program successful Login. > Choosing option '3' from the admin menu	Successful login and system startup for hospital management.  The program will prompt the admin to choose an operation  When an admin selects option '3', the list	Choose the operation:  1- Register/view/update/delete doctor  2- View patients  3- Discharge patients  4- View discharged patient  5- Assign doctor to a patient  6- Update admin details  7- Relocate the patient  8- Patient of same family  9- Management Reports  10- Quit  Option: 3  Do you want to discharge a patient(Y/N):	Passed
			Then, The computer will ask the administrator whether or not to discharge the patient.  The computer will request the patient's ID once you decide to discharge the patient. Admin who selects Patient ID will successfully be released from the hospital.	Do you want to discharge a patient(Y/N):y	
9	Viewing the list of discharged patients Management System	> Start the program successful Login. > Choosing option '4' from the admin menu	Successful login and system startup for hospital management.  The program will prompt the admin to choose an operation  When an admin selects option '4', the list. The list of discharged patients will be shown	Option: 4Discharged Patients ID   Full Name   Doctor's Full Name   Age   Mobile   Postcode   Symptoms 1   Mike Jones   None   37   07555551234   L2 2A8   H, e, a, d, a, c, h, e	Passed

10	Assign Doctor to	Start	Successful login		Passed
10	Patient	the program	and system		Passeu
		successful Login.	startup for	Option: 5	
		Choosing	hospital	Assign Patients	
		Option '5' from the	management.	ID   Full Name   Doctor's Full Name   Age   Mobile   Postcode   Symptoms   1   Sara Smith   None   20   07012345678   B1 224   F, e, v, e, 2   Daivd Smith   None   15   071223456789   C1 ABC   F, e, v, e, 2	
		admin menu	Th	2   Daivd Smith   None   15   07123456789   C1 ABC   F, e, v, e, 3   Sara jones   None   20   07012345678   B1 234   C, O, L, D Please enter the patient ID: 1	
			The program will prompt the	Select the doctor that fits these symptoms:	
			admin to choose	Please enter your symptoms: fever fever	
			an operation	ID   Full Name   Speciality	
				1 JohnSmith Internal Med. 2 JoneSmith Pediatrics	
			When an admin	3  JoneCarlos   Cardiology Please enter the doctor ID: 1 1  Sara Smith   JohnSmith   20   07012345678   B1 234   F, e, v, e,	
			selects option '5', the list.	2 Daivd Smith None   15 07123456789   Cl. ABC   F, e, v, e, 3   Sara jones   None   20   07012345678   B1 234   C, 0, L, D	
			5, the list.	The patient is now assign to the doctor. Patient records successfully updated in patients file	
			Successful login		
			and system		
			startup for		
			hospital		
			management.		
			The program		
			will prompt the		
			admin to choose		
			an operation		
			When an admin		
			selects option		
			'4', the list. The		
			list of		
			discharged		
			patients will be		
11	Lladata	> Start	shown Successful login	Choose the operation:	Daggad
11	Update	the program	and system	<pre>1- Register/view/update/delete doctor</pre>	Passed
	admin	successful Login.	startup for	<ul><li>2- View patients</li><li>3- Discharge patients</li></ul>	
	details	Choosing	hospital	<ul><li>4- View discharged patient</li><li>5- Assign doctor to a patient</li></ul>	
		Option '6' from the	management.	6- Update admin details	
		admin menu	The program	7- Relocate the patient 8- Patient of same family	
			The program will prompt the	9- Management Reports	
			admin to choose	10- Quit Option: 6	
			an operation	Choose the field to be updated:	
				1 Username 2 Password	
			When an admin	3 Address	
			selects option '6', the list.	Change the C'ald to be undeted.	
			o, the list.	Choose the field to be updated: 1 Username	
			When the	2 Password	
			admin selects	3 Address Input: 1	
			Operation '3' in	Enter the new username: Bibek	
			the admin	Enter the new username again: Bibek Username matched.	
			details update.		
			A question	Username updated !!!	
			requesting the		
			admin's new	Choose the field to be updated: 1 Username	
			first name,	2 Password	
			admin new last	3 Address Input: 2	
			name, and address will	Enter the new password: 123456 Enter the new password again: 123456	
			appear.	Password again: 123436	
			After inputting		
			the admin		

			information, a notification indicating that the information has been correctly updated will appear.	Choose the field to be updated:  1 Username 2 Password 3 Address Input: 3 Enter the new address: Kapan Enter the new address again: Kapan Address updated !!!	
12	Relocating patient to doctor	➤ Start the program successful Login. ➤ Choosing Option '7' from the admin menu	Successful login and system startup for hospital management.  The program will prompt the admin to choose an operation  When an admin selects option '7', the list. then the doctor list will be displayed and Doctor ID will be asked.  Then a patient list will be shown selecting the patient ID will successfully relocate the doctor	Option: 7 Select the doctor that you need to relocate:	Passed
13	Grouping the patient of the same group	➤ Start the program successful Login. ➤ Choosing Option '8' from the admin menu	Successful login and system startup for hospital management.  The program will prompt the admin to choose an operation  When an admin selects option '8', the list. Then the surname of the patient will be asked.  After entering the surname. same group of patient will be shown	Option: 8 Enter the family name: Smith Patients of the same family:    Sara Smith	Passed

14	Quitting the system	➤ Start the program successful Login. ➤ Choosing Option '10' from the admin menu	Successful login and system startup for hospital management.  The program will prompt the admin to choose an operation  When an admin selects option '10', the list, the system will shutdown	Choose the operation:  1- Register/view/update/delete doctor 2- View patients 3- Discharge patients 4- View discharged patient 5- Assign doctor to a patient 6- Update admin details 7- Relocate the patient 8- Patient of same family 9- Management Reports 10- Quit Option: 10Good Bye !!!	Passed
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