

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
1	Successful admin login	1. Run Program 2. Enter username: admin 3. Enter Password: 123	Hospital Management system Starts successfully, and it asks for a username. Username taken and the program will ask for a password. Login successfully and the admin menu will be displayed	<pre> -----Login----- Enter the username: admin Enter the password: 123 Choose the operation: 1- Register/view/update/delete doctor 2- Discharge patients 3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- Get Management Report 7- Quit Option: █ </pre>	passed
2	Registration of Doctor in Doctor Management System	1. Run Program 2. Successful Login 3. Selection of option 1 in admin menu 4. Selection of operation 1 in Doctor Management	Successful login and system startup for hospital management. Admin will be prompted by the computer to choose an operation. When the administrator chooses operation 1, the Doctor management system will appear. The registration of the	<pre> Option: 1 -----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Input:1  -----Register----- Enter the doctor's details: Enter the first name:Bibek Enter the surname:Shah Enter the speciality:gynecologist  -----List of Doctors----- 1  John Smith   Internal Med. 2  Jone Smith   Pediatrics 3  Jone Carlos   Cardiology 4  Bibek Shah   gynecologist </pre>	passed

			<p>doctor is presented when the admin chooses operation 1 in the doctor management system. We will inquire about your doctor. You will be asked for the doctor's first name, last name, and specialization. A notification indicating successful registration will be shown after the doctor's information has been entered.</p>																						
3	Viewing the list of doctors in Doctor Management System	<p>1. Run Program 2. Successful Login 3. Selection of option 1 in admin menu 4. Selection of operation 2 in Doctor Managem</p>	<p>Successful login and system startup for hospital management. Admin will be prompted by the computer to choose an operation When the administrator chooses operation 1, the Doctor management system will</p>	<div>-----List of Doctors-----<table><tr><td>1 </td><td>John</td><td>Smith</td><td> </td><td>Internal Med.</td></tr><tr><td>2 </td><td>Jone</td><td>Smith</td><td> </td><td>Pediatrics</td></tr><tr><td>3 </td><td>Jone</td><td>Carlos</td><td> </td><td>Cardiology</td></tr><tr><td>4 </td><td>Bibek</td><td>Shah</td><td> </td><td>gynocologist</td></tr></table></div>	1	John	Smith		Internal Med.	2	Jone	Smith		Pediatrics	3	Jone	Carlos		Cardiology	4	Bibek	Shah		gynocologist	passed
1	John	Smith		Internal Med.																					
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3	Jone	Carlos		Cardiology																					
4	Bibek	Shah		gynocologist																					

		ent	appear. The list of registered doctors is presented when the admin chooses operation 2 in the Doctor Management section.																	
4	Update on details of doctors in Doctor Management System	1.Run Program 2. Successful Login 3. Selection of option 1 in admin menu 4. Selection of operation 3 in Doctor Management	Hospital Management system starts successfully, Successful Login. The program will ask admin to select an operation. • When the administrator chooses operation 1, the Doctor management system will appear. • The details that need to be updated are requested when the admin chooses operation 3 in Passed the doctor management system. • The doctor's ID will be asked. • After selecting ID doctor, the doctor's first name, surname and specialty will	<div>-----Update Doctor`s Details-----</div> <table><tr><th>ID</th><th>Full name</th><th>Speciality</th></tr><tr><td>1</td><td>John Smith</td><td>Internal Med.</td></tr><tr><td>2</td><td>Jone Smith</td><td>Pediatrics</td></tr><tr><td>3</td><td>Jone Carlos</td><td>Cardiology</td></tr><tr><td>4</td><td>Bibek Shah</td><td>gynocologist</td></tr></table> <div>Enter the ID of the doctor: 4 Choose the field to be updated: 1 First name 2 Surname 3 Speciality Input: 1 Enter the new first name:Parash</div> <div>Choose the field to be updated: 1 First name 2 Surname 3 Speciality Input: 2 Enter the new surname:malla</div> <div>Choose the field to be updated: 1 First name 2 Surname 3 Speciality Input: 3 Enter the new speciality:surgeon</div>	ID	Full name	Speciality	1	John Smith	Internal Med.	2	Jone Smith	Pediatrics	3	Jone Carlos	Cardiology	4	Bibek Shah	gynocologist	passed
ID	Full name	Speciality																		
1	John Smith	Internal Med.																		
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3	Jone Carlos	Cardiology																		
4	Bibek Shah	gynocologist																		

			be asked. • After entering the doctor's details, a successfully updated successful message will be displayed		
5	Deleting the detail of doctor in Doctor Managem ent System	1.Run Program 2. Successful Login 3. Selection of option 1 in admin menu 4. Selection of operation 4 in Doctor Managem ent	<ul style="list-style-type: none"><li>• Successful login and system startup for the hospital.</li><li>• The application will request that the administrator choose an operation.</li><li>• If the administrator chooses option 1, the doctor management system will be shown.</li><li>• Under Doctor Management, the Passed administrator chooses option 4.</li><li>• The doctor ID will be required.</li><li>• When choosing an ID doctor, the doctor's information is removed from the list</li></ul>	<pre>-----Delete Doctor----- ID             Full Name             Speciality 1          John  Smith              surgeon 2          Jone   Smith             Pediatrics 3          Jone  Carlos              Cardiology 4         Parash  malla            gynocologist Enter the ID of the doctor to be deleted: 4</pre>	passed
6	Discharge of Patient	1.Run Program 2. Successful Login 3. Selection of option 2 in admin	<ul style="list-style-type: none"><li>• Successful login and system startup for the hospital.</li><li>• The application will request that the administrator</li></ul>	<pre>Do you want to discharge a patient(Y/N):y -----List of Patients----- 1  Sara Smith   None   20   07012345678   B1 234 2  Mike Jones   None   37   07555551234   L2 2AB 3  Daivd Smith   None   15   07123456789   C1 ABC Please enter the patient ID: 3 Sucessfully discharged.</pre>	passed

		menu	choose an operation. • If the administrator chooses option 2, a list of patients will be shown. • If the patient should be discharged or not, the program will ask the administrator. • After choosing to discharge, the computer will inquire for Passed the patient's ID. • Patients who choose Patient ID will be successfully discharged.		
7	Viewing the list of discharged patients Management System	1.Run Program 2. Successful Login 3. Selection of option 3 in admin menu	• Successful login and system startup for the hospital. • The application will request that the administrator choose an operation. • If the administrator chooses option 2, a list of patients will be shown. • If the patient should be discharged or not, the program will ask the administrator. • After choosing to discharge, the	<div>Please enter the patient ID: 3 Successfully discharged.  Do you want to discharge a patient(Y/N):y -----list of Patients----- 1  Sara Smith   None   20   07012345678   B1 234 2  Mike Jones   None   37   07555551234   L2 2AB</div>	passed

			computer will inquire for the patient's ID. • Patients who choose Patient ID will be successfully discharged.		
8	Assign Doctor to Patient	1.Run Program 2. Successful Login 3. Selection of option 4 in admin menu	<ul style="list-style-type: none"><li>• Successful login and system startup for the hospital.</li><li>• The software will request a choice from the administrator.</li><li>• If the administrator chooses option 4, the patient list will be shown.</li><li>• You'll be prompted for your patient ID.</li><li>• The patient's symptoms will be questioned.</li><li>• A list of doctors will be shown.</li><li>• The software will ask the administrator to assign a doctor based on the patient's symptoms.</li><li>• A list of patients and the doctor they were assigned will be shown.</li></ul>	<pre>-----Assign----- -----Patients----- ID   Full Name   Doctor's Full Name   Age   Mobile   Postcode 1   Sara Smith   None   20   07012345678   B1 234 2   Mike Jones   None   37   07555551234   L2 2AB 3   Daivd Smith   None   15   07123456789   C1 ABC Please enter the patient ID: 3 -----Doctors Select----- Select the doctor that fits these symptoms: ----- ID   Full Name   Speciality 1   John Smith   Internal Med. 2   Jone Smith   Pediatrics 3   Jone Carlos   Cardiology Please enter the doctor ID: 1 The patient is now assign to the doctor.</pre>	passed
9	Update Admin Details	1.Run Program 2. Successful Login 3.	<ul style="list-style-type: none"><li>• Successful login and system startup for the hospital.</li><li>• The</li></ul>		passed

		Selection of option 6 in admin menu	application will request that the administrator choose an operation. • When the administrator chooses operation 6, the admin details are shown. • Updates to the admin username, password, and address will be requested. • Updating admin information requires entering a new login, password, and address.	<div>Choose the field to be updated: 1 Username 2 Password 3 Address Input: 1 Enter the new username: admin 1 Sucessfully changed username</div> <div>Choose the field to be updated: 1 Username 2 Password 3 Address Input: 2 Enter the new password: shah Enter the new password again: shah Sucessfully changed password</div> <div>Choose the field to be updated: 1 Username 2 Password 3 Address Input: 2 Enter the new password: shah Enter the new password again: shah Sucessfully changed password</div>	
10	Relocating patient to doctor	1.Run Program 2. Successful Login 3. Selection of option 6 in admin menu	Hospital Management system starts successfully, Successful Login. The program will ask admin to select an operation. Admin selects operation 6 then doctor list will be displayed and Doctor ID will be asked. Then	<div>-----Assign----- -----Patients----- ID   Full Name   Doctor's Full Name   Age   Mobile   Postcode 1   Sara Smith   Jone Carlos   20   07012345678   B1 234 2   Mike Jones   None   37   07555551234   L2 2AB 3   Daivd Smith   None   15   07123456789   C1 ABC Please enter the patient ID: 3 -----Doctors Select----- Select the doctor that fits these symptoms: ----- ID   Full Name   Speciality 1   John Smith   Internal Med. 2   Jone Smith   Pediatrics 3   Jone Carlos   Cardiology Please enter the doctor ID: 1 The patient is now assign to the doctor.</div>	passed



			patient list will be shown selecting patient ID will successfully relocate the doctor		
11	Exiting System	1.Run Program 2. Successful Login 3. Selection of option 7 in admin menu	<ul style="list-style-type: none"><li>• Successful login and system startup for the hospital.</li><li>• The application will request that the administrator choose an operation.</li><li>• The admin chooses and executes all actions.</li><li>• If the administrator Passed chooses option 7, the system will shut down.</li></ul>	<div>Choose the operation: 1- Register/view/update/delete doctor 2- Discharge patients 3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- Get Management Report 7- Quit Option: 7</div>	passed