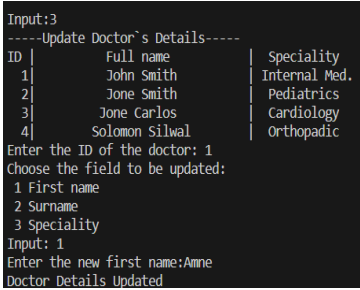
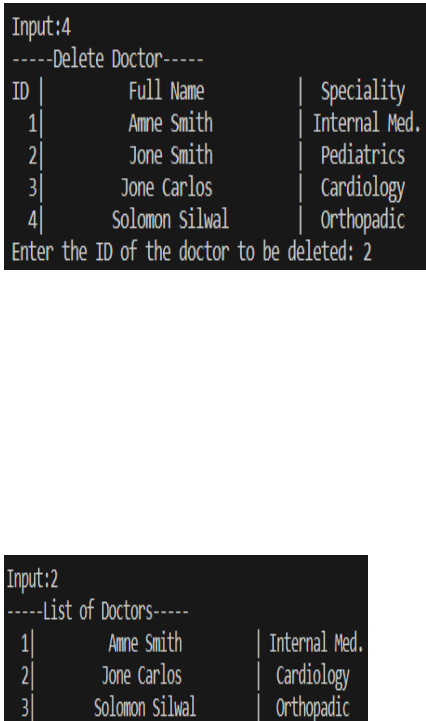

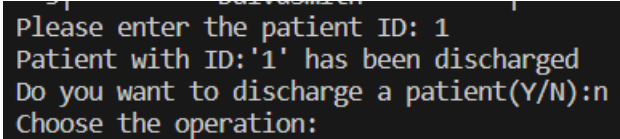
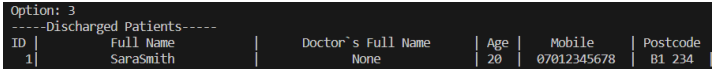
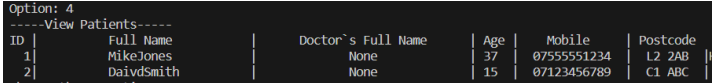
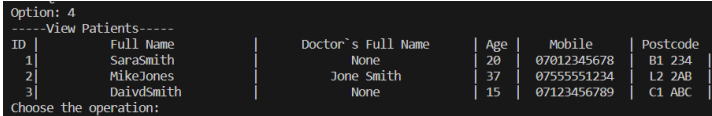


Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
1.	Admin login successful	1.Execute Program 2.Input username: admin 3.Input Password: 123	The Hospital Management system launches without a hitch, requests a username and password, and then successfully authenticates the user before displaying the admin menu.	<pre> 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- View patient 5- Assign doctor to a patient 6- Update admin details 7- Relocate Doctor to Patient 8- Print Patient of Same Family 9- Book an appointment 10- Management Report 11- Quit Option: </pre>	Passed
2.	Register/View Update/delete Doctor	1.Enter the option:1	Hospital management system successfully logs in and starts up.	<pre> Option: 1 -----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Input: </pre>	Passed
3.	Register	Choose operation:1	The program needs to ask about the doctor's first name, last name, and specialty.	<pre> Input:1 -----Register----- Enter the doctor's details: Enter the first name:Solomon Enter the surname:Silwal Enter the speciality:Orthopadic </pre>	Passed
4.	View	a) Program runs again. b) Selecting option:1 in admin menu. c) Selecting option 2 in Doctor management	It should display all the list of doctors.	<pre> Input:2 -----List of Doctors----- 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology 4 Solomon Silwal Orthopadic Choose the operation: </pre>	Passed

5.	Update	<p>a) Program runs again.</p> <p>b) Selecting option:1 in admin menu.</p> <p>c) Selecting option 3 in Doctor management</p>	<p>The program should ask ID of doctor to update and display Doctor details updated.</p>	 <pre> Input:3 -----Update Doctor's Details----- ID Full name Speciality 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology 4 Solomon Silwal Orthopadic Enter the ID of the doctor: 1 Choose the field to be updated: 1 First name 2 Surname 3 Speciality Input: 1 Enter the new first name:Amne Doctor Details Updated </pre>	Passed
6.	Delete	<p>a) Program runs again.</p> <p>b) Selecting option:1 in admin menu.</p> <p>c) Selecting option:4 in Doctor management</p> <p>d) Again selecting option:1 in Admin menu.</p> <p>e) Selecting option 2 in Doctor management.</p>	<p>The program should ask Id of doctor to delete.</p> <p>After selecting option:2 in Doctor management it should not show the deleted doctor.</p>	 <pre> Input:4 -----Delete Doctor----- ID Full Name Speciality 1 Anne Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology 4 Solomon Silwal Orthopadic Enter the ID of the doctor to be deleted: 2 </pre> <pre> Input:2 -----List of Doctors----- 1 Anne Smith Internal Med. 2 Jone Carlos Cardiology 3 Solomon Silwal Orthopadic </pre>	Passed

7.	Discharge patient	<p>a) Enter the operation:2 in Admin menu.</p> <p>b) Enter the patient Id to discharge.</p>	<p>The program should ask whether to discharge the patient or not.</p> <p>The program should discharge the patient.</p>	 <pre> Option: 2 Do you want to discharge a patient(Y/N):y -----Discharge Patient----- 1 SaraSmith None 20 07012345678 B1 234 2 MikeJones None 37 07555551234 L2 2AB 3 DaivdSmith None 15 07123456789 C1 ABC Please enter the patient ID: </pre>  <pre> Please enter the patient ID: 1 Patient with ID:'1' has been discharged Do you want to discharge a patient(Y/N):n Choose the operation: </pre>	Passed
8.	View discharge patient	<p>a) Program runs again.</p> <p>b) Enter the operation:3 in Admin menu.</p>	The system should display the discharge patient.	 <pre> Option: 3 -----Discharged Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 SaraSmith None 20 07012345678 B1 234 </pre>	Passed
9.	View Patient	<p>a) Program runs again.</p> <p>b) Enter the operation:4 in Admin menu.</p>	The system should display the patient.	 <pre> Option: 4 -----View Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 MikeJones None 37 07555551234 L2 2AB 2 DaivdSmith None 15 07123456789 C1 ABC </pre>	Passed
10.	Assign doctor	<p>a) Run program.</p> <p>b) Enter the operation:5 in Admin menu.</p> <p>c) To view the assigned</p>	The system should show the assigned doctor to patient.	 <pre> Option: 4 -----View Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 SaraSmith None 20 07012345678 B1 234 2 MikeJones Jone Smith 37 07555551234 L2 2AB 3 DaivdSmith None 15 07123456789 C1 ABC Choose the operation: </pre>	Passed

		doctor to patient enter operation:4			
11.	Update admin details	a) Run program. b) Enter the operation:6 in Admin menu.	The system should show the field to update and display successfully changed.	<pre> Option: 6 Choose the field to be updated: 1 Username 2 Password 3 Address Input: 1 Enter the new username: solomon Sucessfully changed username Choose the operation: </pre>	Passed
12.	Relocate doctor to patient	a) Run program. b) Enter the operation:7 in Admin menu. c) To view the new relocated doctor choose operation:4	The system should relocate the new doctor to the patient.	<pre> Option: 4 -----View Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 SaraSmith None 20 07012345678 B1 234 2 MikeJones Jone Carlos 37 07555551234 L2 2AB 3 DaivdSmith None 15 07123456789 C1 ABC Choose the operation: </pre>	Passed

13.	Patient of Same Family	<p>a) Run program.</p> <p>b) Enter the operation:8 in Admin menu.</p> <p>c)Enter the family surname.</p>	The system should display the family surname together.	<pre> Option: 8 Enter the family name: smith Patients of the same family: 1 SaraSmith None 20 07012345678 B1 234 2 DaivdSmith None 15 07123456789 C1 ABC Choose the operation: </pre>	Passed
14.	Book an appointment	<p>a) Run program.</p> <p>b) Enter the operation:9 in Admin menu.</p> <p>c)select the doctor, enter appointment time and date.</p>	System should take all the three inputs and display appointment booked successfully.	<pre> Option: 9 -----Doctor Select----- ID Full Name Speciality 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology Please enter the doctor ID to book an appointment: 1 Doctor selected: John Smith Enter the appointment date: 15 Enter the appointment time: 2 Appointment booked successfully! Choose the operation: </pre>	Passed
15.	Quit	<p>a) Run program.</p> <p>b) Enter the operation:11 in Admin menu.</p>	System should terminate.	<pre> Option: 11 System terminated </pre>	Passed