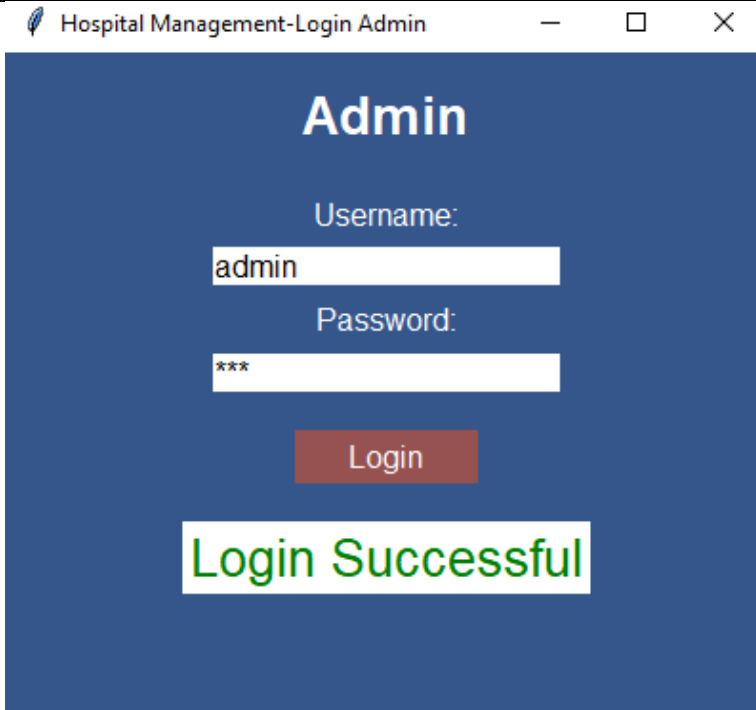
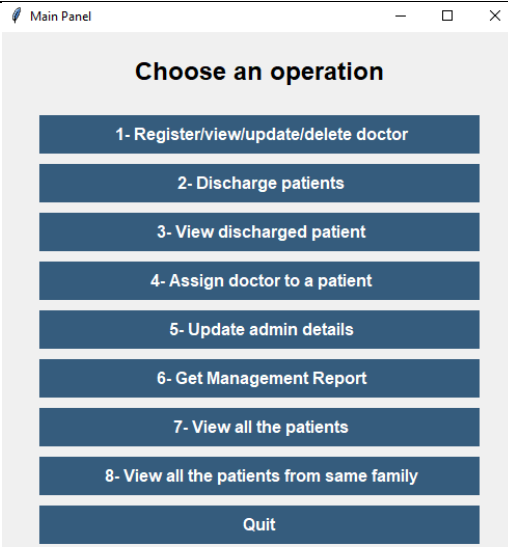
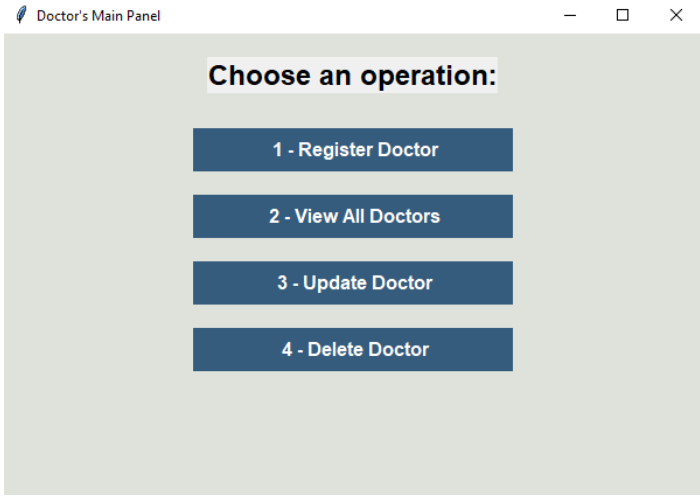


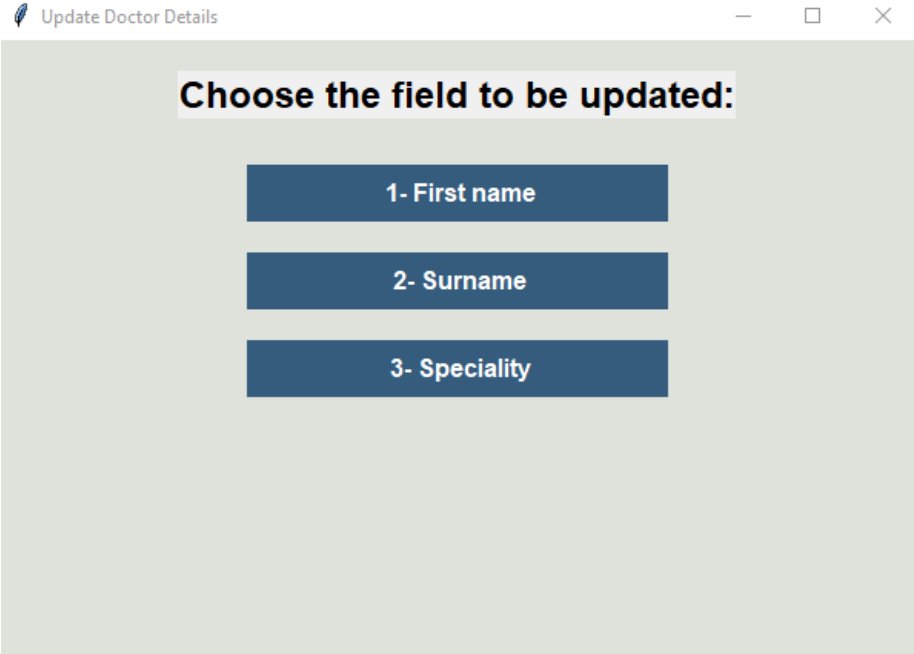
Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
1	Log In to the program	<p>1. Run Program</p> <p>2. Enter username: admin</p> <p>3. Enter Password: 123</p>	<p>Hospital Management system GUI Opens successfully, and asks for the username.</p> <p>User inputs username and then the program asks for password</p> <p>Validates password and logs in successfully to display the main menu.</p>		Passed
2	Register a Doctor	<p>1. Run Program and Successful Login</p> <p>2. Selection of option 1 in admin menu(main panel)</p> <p>3. Selection of operation 1 in Doctor Management</p>	<p>User is asked to choose an option after they click 1 in the GUI menu.</p> <p>After the user clicks 1<sup>st</sup> option, Doctor management system will appear.</p>		Passed


The program asks the user to input the details of the doctor after the user chooses option 1.

After the user inputs the details, the program registers the doctor.



3	View the doctors.	<div>1. Run Program and Successful Login</div> <div>2. Selection of option 1 in GUI menu</div> <div>3. Selection of operation 2 in Doctor Management</div>	<div>Hospital Management system GUI Opens successfully, and asks for the username.</div> <div>The program will ask the admin to choose an option in the main menu.</div> <div>After the user clicks 1, Doctor management system will appears and the admins Clicks 2<sup>nd</sup> option.</div> <div>The programs shows the list of registered doctors in GUI</div>	<div><div><div><div><div></div><div>Viewing Doctor Details</div><div></div><div></div><div></div></div><div><div>Doctor's Full Name</div><div>Speciality</div></div><div><div>Jone Carlos</div><div>Jone Smith</div><div>John Smith</div></div><div><div>Cardiology</div><div>Pediatrics</div><div>Internal Med.</div></div></div></div></div>	Passed
4	Update on details of doctors in Doctor Managem entSystem	<div>3. Run Program and Successful Login</div> <div>4. Selection of option 1 in GUI menu</div> <div>5. Selection of operation 3 in Doctor Manageme nt</div>	<div>Hospital Management system GUI Opens successfully, and asks for the username.</div> <div>The program will ask the admin to choose an option in the main menu.</div> <div>When the administrator chooses operation 1, the Doctor management system will appear and then the admin choses option 3.</div> <div>ID of the doctor is asked by the program and the user double clicks it.</div>	<div><div><div><div><div></div><div>Update Doctor Details</div><div></div><div></div><div></div></div><div><div>Double click in doctor row to update</div></div><div><div>Doctor's Full Name</div><div>Speciality</div></div><div><div>Jone Carlos</div><div>Jone Smith</div><div>John Smith</div></div><div><div>Cardiology</div><div>Pediatrics</div><div>Internal Med.</div></div></div></div></div>	Passed

			<p>The admin then updates necessary field in the doctor's profile in another GUI panel.</p> <p>The updates are saved.</p>		
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5	Deleting a Doctor	<div>1. Run Program and Successful Login</div> <div>2. Selection of option 1 in admin menu GUI</div> <div>3. Selection of operation 4 in Doctor Management GUI</div>	<div>Hospital Management system GUI Opens successfully, and asks for the username.</div> <div>The program will ask the admin to choose an option in the main menu.</div> <div>The User chooses 1 and Doctor Management System is shown and then the user chooses 4 to delete a doctor.</div> <div>To delete a doctor, the user select the doctor row and presses delete button in keyboard.</div>	<div><div><div><div></div><div>Delete Doctor Details</div></div><div><div>—</div><div>□</div><div>×</div></div></div><div>Select Doctor row and press delete button to delete Doctor:</div><div><table><tr><th>Doctor's Full Name</th><th>Speciality</th></tr><tr><td>Jone Carlos</td><td>Cardiology</td></tr><tr><td>Jone Smith</td><td>Pediatrics</td></tr><tr><td>John Smith</td><td>Internal Med.</td></tr></table></div></div>	Doctor's Full Name	Speciality	Jone Carlos	Cardiology	Jone Smith	Pediatrics	John Smith	Internal Med.	Passed
Doctor's Full Name	Speciality												
Jone Carlos	Cardiology												
Jone Smith	Pediatrics												
John Smith	Internal Med.												

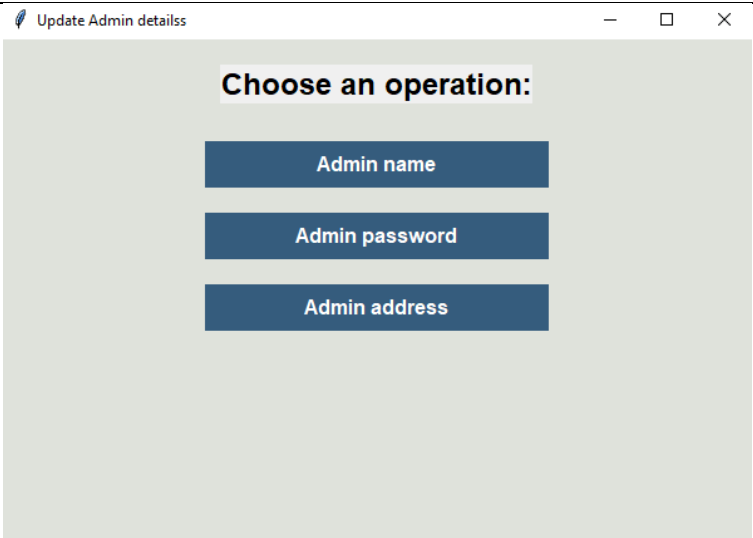
			When the user presses delete button, the doctor is deleted.																																										
6	Discharge a Patient	<p>1.Run Program and Successful Login</p> <p>2.Selection of option 2 in admin menu GUI</p>	<p>Hospital Management system GUI Opens successfully, and asks for the username.</p> <p>The program will ask the admin to choose an option in the main menu GUI</p> <p>To discharge a patient the user will choose option 2.</p> <p>The user selects patient row and presses delete button to discharge the patient.</p> <p>The patient is discharged.</p>	<div><div>Discharge Patients</div><div>Select patient and press delete button to discharge a patient</div><table><tr><th>Full Name</th><th>Doctor's Name</th><th>Age</th><th>Mobile</th><th>Address</th></tr><tr><td>Daivd Smith</td><td>None</td><td>15</td><td>07123456789</td><td>C1 ABC</td></tr><tr><td>Mike Jones</td><td>None</td><td>37</td><td>07555551234</td><td>L2 2AB</td></tr><tr><td>Sara Smith</td><td>None</td><td>20</td><td>07012345678</td><td>B1 234</td></tr></table></div> <div><div>Discharge Patients</div><div>Select patient and press delete button to discharge a patient</div><table><tr><th>Full Name</th><th>Doctor's Name</th><th>Age</th><th>Mobile</th><th>Address</th></tr><tr><td>Daivd Smith</td><td>None</td><td>15</td><td>07123456789</td><td>C1 ABC</td></tr><tr><td>Mike Jones</td><td>None</td><td>37</td><td>07555551234</td><td>L2 2AB</td></tr><tr><td>Sara Smith</td><td>None</td><td>20</td><td>07012345678</td><td>B1 234</td></tr></table></div>	Full Name	Doctor's Name	Age	Mobile	Address	Daivd Smith	None	15	07123456789	C1 ABC	Mike Jones	None	37	07555551234	L2 2AB	Sara Smith	None	20	07012345678	B1 234	Full Name	Doctor's Name	Age	Mobile	Address	Daivd Smith	None	15	07123456789	C1 ABC	Mike Jones	None	37	07555551234	L2 2AB	Sara Smith	None	20	07012345678	B1 234	Passed
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Discharge Patients					
Select patient and press delete button to discharge a patient					
Full Name	Doctor's Name	Age	Mobile	Address	
Daivd Smith	None	15	07123456789	C1 ABC	
Mike Jones	None	37	07555551234	L2 ZAB	

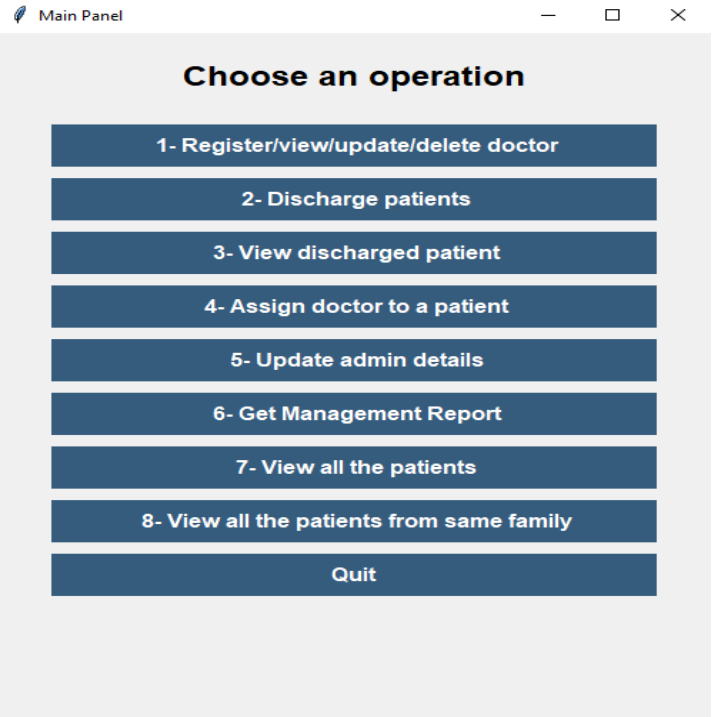
7	Viewing the list of discharged patients Management System	1. Run Program and Successful Login  2. Selection of option 3 in admin menu GUI	<div><div>Hospital Management system GUI</div><div><div>Viewing Patients</div><div><div></div><div>-</div><div>□</div><div>X</div></div></div><table><tr><th>Full Name</th><th>Doctor's Name</th><th>Age</th><th>Mobile</th><th>Address</th></tr><tr><td>Sara Smith</td><td>None</td><td>20</td><td>7012345678</td><td>B1 234</td></tr></table></div>	Full Name	Doctor's Name	Age	Mobile	Address	Sara Smith	None	20	7012345678	B1 234	
Full Name	Doctor's Name	Age	Mobile	Address										
Sara Smith	None	20	7012345678	B1 234										



8	Assign Doctorto Patient	<div>1. Run Program and Successful Login</div> <div>2. Selection of option 4 in admin menu GUI</div>	<div>Hospital Management system GUI Opens successfully, and asks for the username.</div> <div>The program will ask the admin to choose an option in the main menu GUI.</div> <div>If the user clicks option 4,</div> <div>Then in the terminal,</div> <div>The program directs the user to the list of patients to whom a doctor needs to be assigned.</div> <div>The ID of the patient is asked by the program.</div> <div>Then the program asks the user to assign the comparative doctor to the patient and the list of doctors is shown.</div> <div>The program asks for the ID of the doctor to assign to the given patient.</div> <div>Once ID is input by the user, the doctor is assigned to the patient.</div>	<div><div>Main Panel</div><div><div>Choose an operation</div><div><div>1- Register/view/update/delete doctor</div><div>2- Discharge patients</div><div>3- View discharged patient</div><div>4- Assign doctor to a patient</div><div>5- Update admin details</div><div>6- Get Management Report</div><div>7- View all the patients</div><div>8- View all the patients from same family</div><div>Quit</div></div></div></div> <div><div>-----Assign-----</div><div>-----Patients-----</div><table><tr><th>ID</th><th>Full Name</th><th>Doctor`s Full Name</th><th>Age</th><th>Mobile</th><th>Postcode</th></tr><tr><td>1 </td><td>Sara Smith</td><td>None</td><td>20</td><td>07012345678</td><td>B1 234</td></tr><tr><td>2 </td><td>Mike Jones</td><td>None</td><td>37</td><td>07555551234</td><td>L2 2AB</td></tr><tr><td>3 </td><td>Daivd Smith</td><td>None</td><td>15</td><td>07123456789</td><td>C1 ABC</td></tr></table><div>Please enter the patient ID: 1</div><div>-----Doctors Select-----</div><div>Select the doctor that fits these symptoms:</div><div>Headache</div><div>-----</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></table><div>Please enter the doctor ID: 1</div><div>The patient is now assign to the doctor.</div><div></div></div>	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	ID	Full Name	Speciality	1	John Smith	Internal Med.	2	Jone Smith	Pediatrics	3	Jone Carlos	Cardiology	Passed
ID	Full Name	Doctor`s Full Name	Age	Mobile	Postcode																																				
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3	Jone Carlos	Cardiology																																							

9	Update Admin Details	<p>1. Run Program and Successful Login</p> <p>2. Selection of option 6 in admin menu</p>	<p>Hospital Management system Opens successfully, and asks for the username.</p> <p>The program will ask the admin to choose an option in the main menu.</p> <p>When the administrator chooses operation 6, the admin details are shown.</p> <p>The program asks the user to update changes about the admin.</p> <p>The information is updated as desired.</p>	 <p>The screenshot shows a window titled 'Update Admin details' with a light gray background. At the top, there is a header bar with the title and standard window controls (minimize, maximize, close). Below the header, the text 'Choose an operation:' is displayed in a bold, black font. Underneath this text, there are three dark blue buttons with white text, arranged vertically: 'Admin name', 'Admin password', and 'Admin address'.</p>	Passed
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10	Get Hospital Management system	<p>1. Run Program and Successful Login GUI</p> <p>2. Selection of option 6 in admin menu GUI</p>	<p>Hospital Management system GUI Opens successfully, and asks for the username and password.</p> <p>Successful login</p> <p>The program will ask the admin to choose an option in the main menu GUI</p> <p>If the user chooses option 6, management reports are displayed in the terminal</p> <p>The program then asks the user to choose among the options to read the management reports.</p> <p>Hospital Management Report is shown by the program accordingly</p>	<pre>-----Management Reports----- Choose the operation: 1 - Total number of doctors in the system 2 - Total number of patients per doctor 3 - Total number of appointments per month per doctor 4 - Total number of patients based on the illness type. Choose an option: 1 -----Hospital Management System----- The total number of doctors: 3 █</pre>	Passed
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11	Exit System	<p>1. Run Program and Successful Login</p> <p>2. Selection of option last in admin menu GUI</p>	<p>Hospital Management system GUI Opens successfully, and asks for the username and password.</p> <p>Successfully login</p> <p>The program will ask the admin to choose an option in the main menu GUI</p> <p>Once the user chooses Last option , the user quits the program</p>		Passed
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