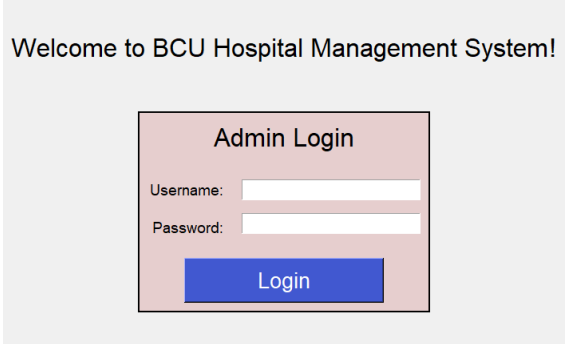
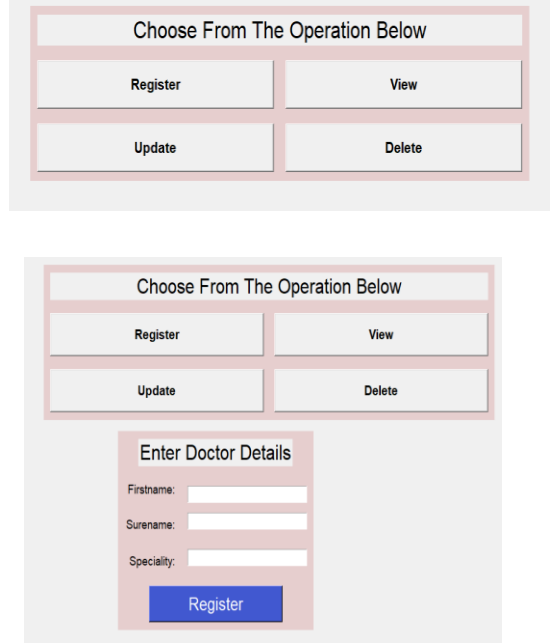


Hospital Management System (HMS) GUI Test Cases

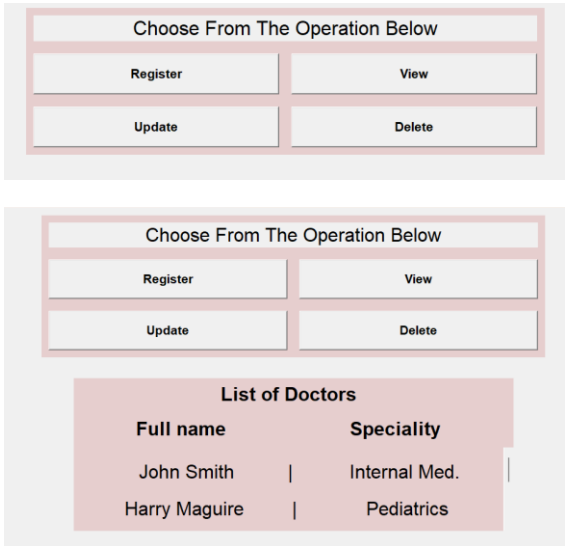
TESTCASE 1: Admin Login.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
1	Admin Login	1.Admin to run program. 2.Admin to enter username: admin 3.Admin to enter password: 123 4. Admin to click Login button.	HMS GUI starts successfully, and it asks for admin username and password. Authenticate the credentials and open new window of displaying different options to choose.		Passed

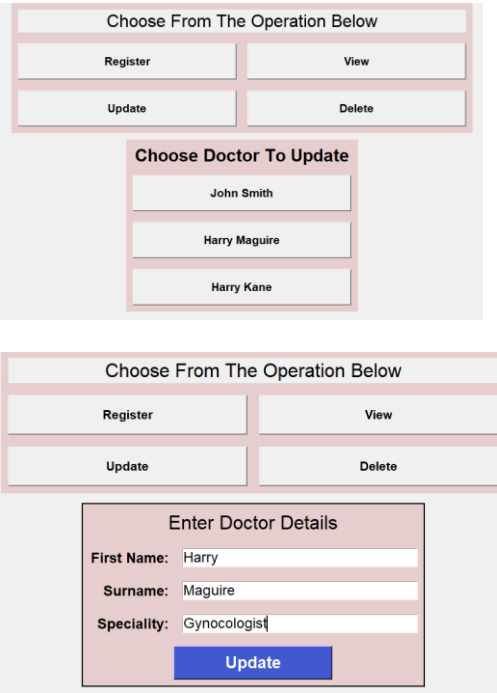
TESTCASE 2: Register Doctor.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
2	Make a withdrawal	<ol style="list-style-type: none"> 1. After admin Login. 2. Admin to choose “Register/view/update/delete doctor option” 3. Menu to appear with 4 options (Register, View, Update, Delete) 4. Admin to click Register Button. 5. Admin to fill the form and Submit. 	<p>First name, Surname and Speciality taken to check if the doctor with provided details exist.</p> <p>If doctor does not exist doctor is added to the system.</p> <p>Success message is displayed after doctor is added.</p>		Passed

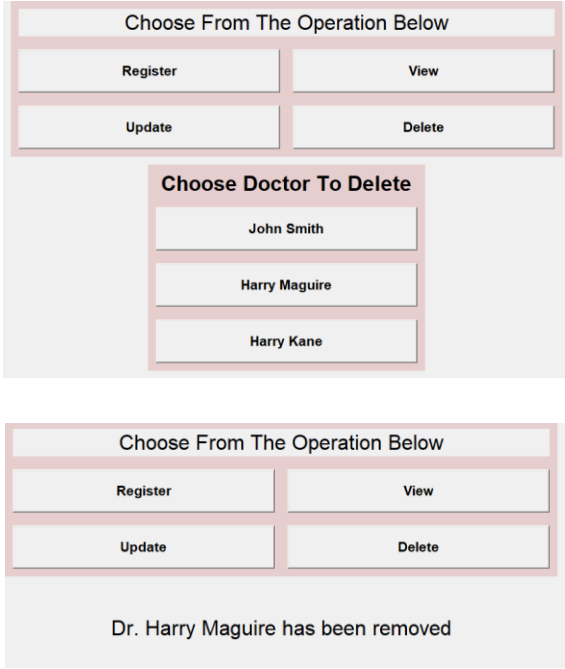
TESTCASE 3: View Doctor.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
3	View the list of doctors in the system.	1. After admin Login. 2. Admin to choose “Register/view/update/delete doctor option” 3. Menu to appear with 4 options (Register, View, Update, Delete) 4. Admin to click View Button.	List of doctors to be displayed in a scrollable frame.	 <p>The screenshot shows a web interface for managing doctors. At the top, there's a header 'Choose From The Operation Below' with four buttons: Register, View, Update, and Delete. Below this, there's a section titled 'List of Doctors' with two columns: Full name and Speciality. The list contains two entries: John Smith (Internal Med.) and Harry Maguire (Pediatrics).</p>	Passed

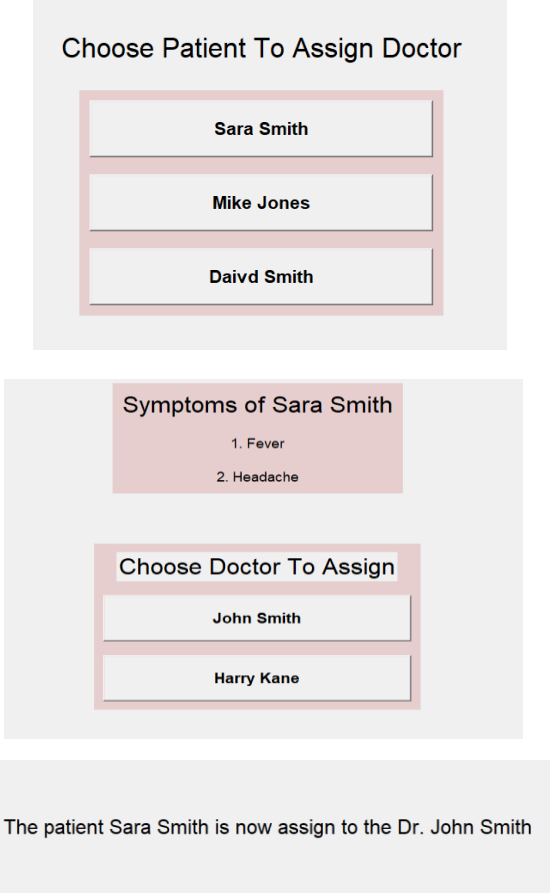
TESTCASE 4: Update Doctor.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
4	Update the details of existing doctor	1. After admin Login. 2. Admin to choose “Register/view/update/delete doctor option” 3. Menu to appear with 4 options (Register, View, Update, Delete) 4. Admin to click Update Button . 5. Admin to choose the doctor to update. 6. Admin to fill the form and submit.	<p>Submitted First name, Surname and Speciality taken and update the details of the selected doctor.</p> <p>Success message is displayed after update is completed.</p>		Passed


TESTCASE 5: Delete Doctor.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
5	Delete doctor from the system	1. After admin Login. 2. Admin to choose “Register/view/update/delete doctor” option. 3. Menu to appear with 4 options (Register, View, Update, Delete) 4. Admin to click Delete Button. 5. Admin to choose the doctor to delete.	Selected doctor removed from the system. Success message is displayed after doctor is deleted.	 <p>The screenshot shows a web application interface for managing doctors. At the top, there is a header 'Choose From The Operation Below' with four buttons: 'Register', 'View', 'Update', and 'Delete'. Below this, there is a section titled 'Choose Doctor To Delete' which contains a list of three doctors: 'John Smith', 'Harry Maguire', and 'Harry Kane'. At the bottom, there is another header 'Choose From The Operation Below' with the same four buttons. Below this, there is a message: 'Dr. Harry Maguire has been removed'.</p>	Passed

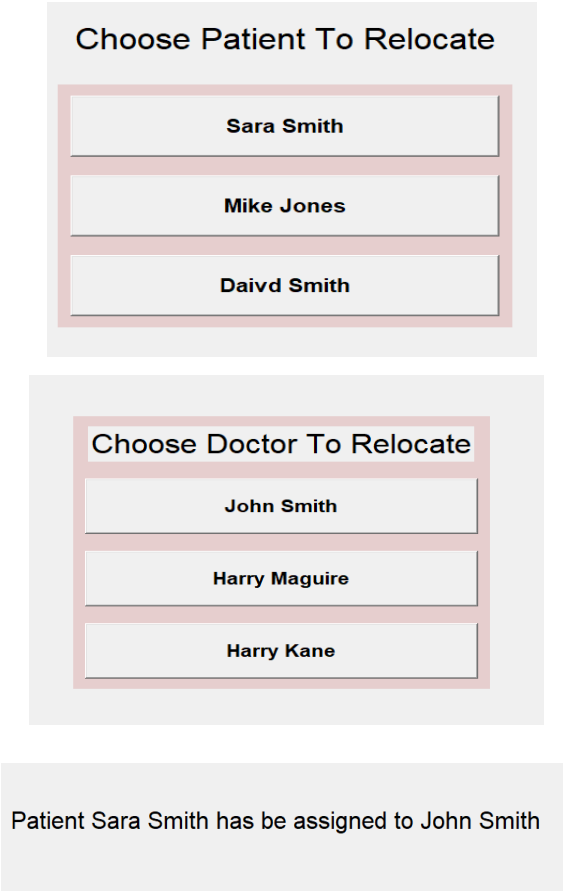
TESTCASE 6: Assign Doctor to a Patient.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
6	Assign doctor to a patient based on the symptoms of the patient	1. After admin Login. 2. Admin to choose “Assign doctor to a patient” button. 3. Admin to choose patient to assign doctor. 4. Admin to choose doctor based on the symptoms of the selected patient.	Symptoms of the selected patient to be displayed. Selected doctor to be assigned to the patient and vice versa. Success message is displayed after patient is assigned doctor.	 <p>Choose Patient To Assign Doctor</p> <p>Sara Smith</p> <p>Mike Jones</p> <p>Daivd Smith</p> <p>Symptoms of Sara Smith</p> <p>1. Fever</p> <p>2. Headache</p> <p>Choose Doctor To Assign</p> <p>John Smith</p> <p>Harry Kane</p> <p>The patient Sara Smith is now assign to the Dr. John Smith</p>	Passed

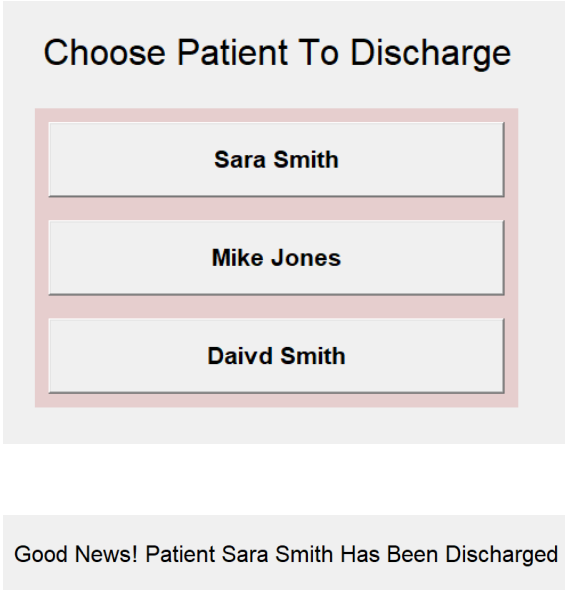
TESTCASE 7: View Patient of Same Family.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed																		
7	Patient of same family are grouped in the system.	1. After admin Login. 2. Admin to choose “View Patient of Same Family” option.	Window displaying members of the same family to appear.	 <p>Members of Same Family</p> <p>Smith Family:</p> <table><tbody><tr><td>1.</td><td>Sara Smith</td><td> </td><td>None</td><td> 20 07012345678 B1 234 </td><td>Fever Headache</td></tr><tr><td>2.</td><td>David Smith</td><td> </td><td>None</td><td> 15 07123456789 C1 ABC </td><td>Fever Dizziness</td></tr></tbody></table> <p>Jones Family:</p> <table><tbody><tr><td>1.</td><td>Mike Jones</td><td> </td><td>None</td><td> 37 07555551234 L2 2AB </td><td>Fever Nausea</td></tr></tbody></table>	1.	Sara Smith		None	20 07012345678 B1 234	Fever Headache	2.	David Smith		None	15 07123456789 C1 ABC	Fever Dizziness	1.	Mike Jones		None	37 07555551234 L2 2AB	Fever Nausea	Passed
1.	Sara Smith		None	20 07012345678 B1 234	Fever Headache																		
2.	David Smith		None	15 07123456789 C1 ABC	Fever Dizziness																		
1.	Mike Jones		None	37 07555551234 L2 2AB	Fever Nausea																		

TESTCASE 8: Relocate Patient.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
8	Relocate patient from one doctor to another	1. After admin Login. 2. Admin to choose "Relocate Patient" option. 3. Admin to choose patient to relocate. 5. Admin to choose doctor to relocate the selected patient.	<p>Selected patient is removed from the patient list of the assigned doctor and reassign to the doctor selected for relocating.</p> <p>Success message after relocation is completed.</p>	 <p>The screenshot displays two sequential dialog boxes. The first, titled 'Choose Patient To Relocate', contains a list with three entries: 'Sara Smith', 'Mike Jones', and 'Daivd Smith'. The second dialog box, titled 'Choose Doctor To Relocate', contains a list with three entries: 'John Smith', 'Harry Maguire', and 'Harry Kane'. Below these dialog boxes, a confirmation message reads: 'Patient Sara Smith has be assigned to John Smith'.</p>	Passed

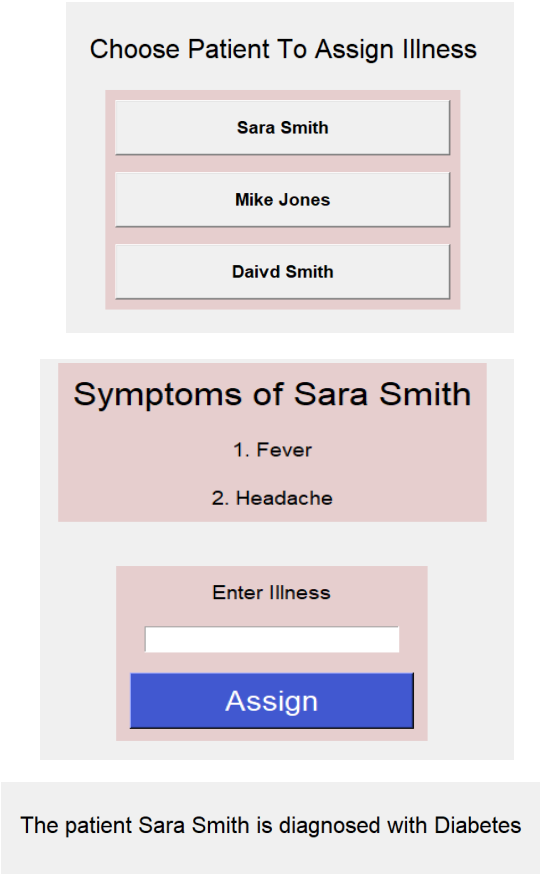
TESTCASE 9: Discharge Patient.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
9	Discharge patient after their treatment	1. After admin Login. 2. Admin to choose “Discharge Patients” option. 3. Admin to choose patient to discharge.	Selected patient is discharged and removed from the patient list. Success message is displayed after the patient is discharged.	 <p>Choose Patient To Discharge</p> <p>Sara Smith</p> <p>Mike Jones</p> <p>Daivd Smith</p> <p>Good News! Patient Sara Smith Has Been Discharged</p>	Passed

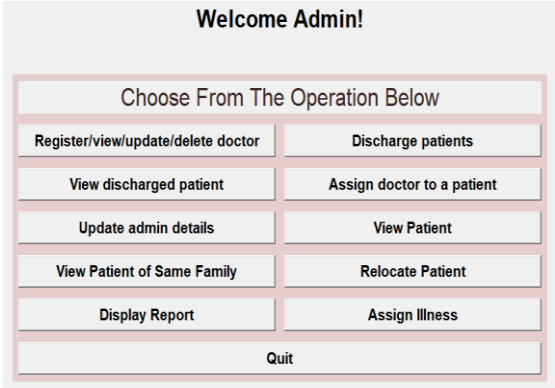
TESTCASE 10: Display Report.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
10	Display report of the system on the demand of admin	1. After admin Login. 2. Admin to choose “Display Report” option. 3. Menu to appear with 4 options to display different types of report. 4. Admin to choose one option among the given 4 options.	Selected option displays a bar graph which gives information about the statistics of the system.	<div><div>Choose Report Options From Below</div><div><div>Number Of Doctors and Patients</div><div>Patient Per Doctor</div><div>Appointments Per Month Per Doctor</div><div>Number Of Patients Based On Illness Types</div></div></div> <div>Total Number of Patients and Doctor</div> <div><div>Values</div><div><div>3</div><div>2</div></div><div>DoctorsPatients</div><div>Doctors and Patients</div></div>	Passed

TESTCASE 11: Assign Illness to Patient.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
11	Admin can assign possible illness based on the symptoms of the patient	<ol style="list-style-type: none"> 1. After admin Login. 2. Admin to choose "Assign Illness" option. 3. Admin to choose patient to assign illness. 4. Admin to enter illness based on the systems of the patient. 	<p>Symptoms of the selected patient is displayed.</p> <p>Entered illness is taken and assigned to the patient.</p> <p>Success message is displayed after illness is assigned.</p>		Passed

TESTCASE 12: Exit from The System.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
12	System provides a way to exit from the system.	1. After admin Login. 2. Admin to choose “Quit” option.	Terminates the program.	 <p>The screenshot displays the 'Welcome Admin!' interface. Below the header, there is a section titled 'Choose From The Operation Below' which contains a grid of buttons. The buttons are arranged in two columns. The first column includes: 'Register/view/update/delete doctor', 'View discharged patient', 'Update admin details', 'View Patient of Same Family', and 'Display Report'. The second column includes: 'Discharge patients', 'Assign doctor to a patient', 'View Patient', 'Relocate Patient', and 'Assign Illness'. At the bottom of the grid, there is a button labeled 'Quit'.</p>	Passed