

Hospital Management System

Test Case

TESTCASE: 1(Login process)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
1.	Login	1. system initialized 2. username and password asked. 3. if username and password is correct, it will display list of operation. 4. if username and password is incorrect, it will display message saying, "username or password incorrect".	System will start and will ask for username and password. If correct, list of operation will be displayed else message 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: █ -----Login----- Enter the username: aaaaaa Enter the password: 444 Incorrect username or password. Login </pre>	Passed

TESTCASE: 2(registering doctor)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
2.	Register doctor	1. system initialized 2. option 1 is chosen. Then register option is chosen. 3.Doctor details are asked then doctor will get register.	System starts and option 1 is chosen, under option 1, register doctor is chosen. Doctor first name, surname and speciality will be entered. Then, message will appear saying "Doctor registered"	<pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 1 -----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete </pre> <pre> Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Enter option: 1 -----Register----- Enter the doctor's details: Enter the name first name of the doctor: srijana Enter the surname of the doctor: subedi Enter the speciality of the doctor: counsellor Doctor registered. </pre>	Passed

TESTCASE: 2(view doctor)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
3.	View list of doctors	<p>1. system initialized</p> <p>2. option 1 is chosen.</p> <p>Then view option is chosen.</p> <p>3.Doctor details will be displayed.</p>	<p>System starts and option 1 is chosen, under option 1, view doctors is chosen.</p> <p>List of doctors will get displayed.</p>	<pre> -----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Enter option: 2 -----List of Doctors----- 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology 4 srijana subedi counsellor </pre>	Passed

TESTCASE: 4(update doctor)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
4.	Update doctor details	<p>1. system initialized</p> <p>2. option 1 is chosen.</p> <p>Then update option is chosen.</p> <p>3.Doctor details will be displayed.</p> <p>4. Id of doctor to be updated will be asked.</p> <p>5. list of option to be updated of doctor (for example first name) will be asked.</p>	<p>System starts and option 1 is chosen, under option 1, update doctors is chosen.</p> <p>List of doctors will get displayed, will asked id of doctor to be updated and will ask field to be updated.</p>	<pre> -----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Enter option: 3 -----Update Doctor`s Details----- ID Full name Speciality 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology 4 srijana subedi counsellor Enter the ID of the doctor: 4 Choose the field to be updated: 1 First name 2 Surname 3 Speciality Input: 1 Enter first name: shristy </pre>	Passed


TESTCASE: 5(delete doctor)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
5.	delete doctor	<p>1. system initialized</p> <p>2. option 1 is chosen.</p> <p>Then delete option is chosen.</p> <p>3.Doctor details will be displayed.</p> <p>4. Id of doctor to be deleted will be asked.</p>	<p>System starts and option 1 is chosen, under option 1, update doctors is chosen.</p> <p>List of doctors will get displayed, will ask id of doctor to be deleted.</p>	<pre> Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Enter option: 4 -----Delete Doctor----- ID Full Name Speciality 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 shristy Carlos Cardiology 4 srijana subedi counsellor Enter the ID of the doctor to be deleted: 4 </pre>	Passed

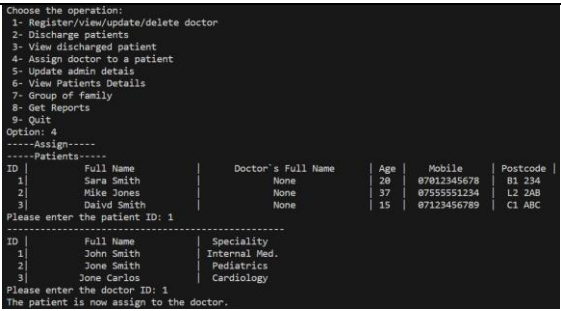
TESTCASE: 6(discharge patient)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
6.	Discharge patient	<p>1. system initialized</p> <p>2. option 2 is chosen.</p> <p>3. will ask if you want to discharge patient.</p> <p>4. After that id of patient to be discharge is asked.</p>	<p>System starts and option 2 is chosen.</p> <p>List of doctors will get displayed, will ask id of patient to be discharged.</p>	<pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 2 -----View Patients----- ID Full Name Doctor's F 1 Sara Smith Nor 2 Mike Jones Nor 3 Daivd Smith Nor Do you want to discharge a patient(Y/N):y -----Discharge Patient----- Please enter the patient ID: 3 Discharged patient sucessfully! </pre>	Passed

TESTCASE: 7(view discharge patient)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
7.	View discharge patient	1. system initialized 2. option 3 is chosen.	System starts and option 3 is chosen. List of discharged patients will get displayed.	 <pre>Option: 3 -----Discharged Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 David Smith None 15 07123456789 C1 ABC</pre>	Passed

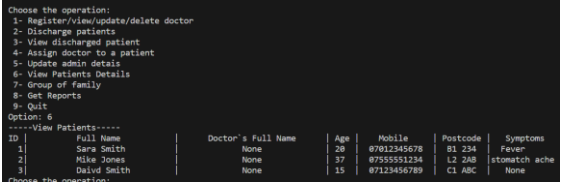
TESTCASE: 8(Assign doctor to a patient)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
8.	Assign doctor to a patient	<p>1. system initialized</p> <p>2. option 4 is chosen.</p> <p>3. id of patient will be asked.</p> <p>4. id of doctor will be asked.</p> <p>5. doctor is assigned to patient message will be displayed.</p>	<p>System starts and option 4 is chosen.</p> <p>List of patients will get displayed and will ask id of patient will be asked.</p> <p>List of doctors will be displayed and id of doctor to be assigned will be asked.</p>	 <pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 4 -----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 David Smith None 15 07123456789 C1 ABC Please enter the patient ID: 1 -----Doctors----- ID Full Name Speciality 1 John Smith Internal Med. 2 Jone Carlos Pediatrics 3 Jone Carlos Cardiology Please enter the doctor ID: 1 The patient is now assign to the doctor. </pre>	Passed

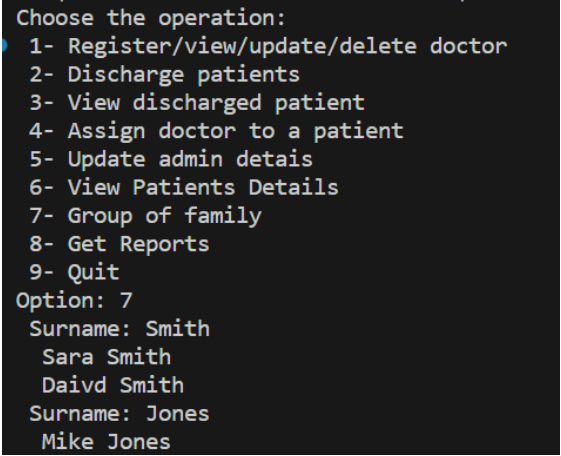
TESTCASE: 9(update admin details)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
9.	Update admin details	<p>1. system initialized</p> <p>2. option 5 is chosen.</p> <p>3. field such as username, password or address will be asked to be chosen.</p> <p>4. option 1 is chosen and username will be asked.</p>	<p>System starts and option 5 is chosen.</p> <p>Option of field to be updated will be asked and according to chosen field input will be taken.</p> <p>Finally, successful message will be displayed.</p>	<pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 5 Choose the field to be updated: 1 Username 2 Password 3 Address Input: 1 Enter the new username: srijana Sucessfully changed username </pre>	Passed

TESTCASE: 10(view patient details)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
10.	View patient details	1. system initialized 2. option 6 is chosen. 3. patients' details will be displayed.	System starts and option 6 is chosen and patients details will be displayed.	 <pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 6 ----View Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode Symptoms 1 Sara Smith None 28 07012345678 B1 234 Fever 2 Mike Jones None 37 07555551234 L2 2AB stomach ache 3 David Smith None 15 07123456789 C1 ABC None </pre>	Passed

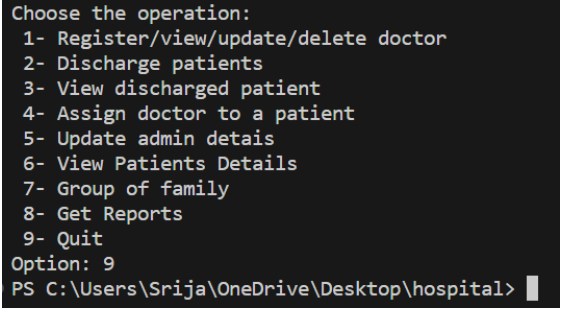
TESTCASE: 11(group of family)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
11.	View family	1. system initialized 2. option 7 is chosen. 3. patients' details will be displayed.	System starts and option 7 is chosen and group of family will be displayed.	 <pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 7 Surname: Smith Sara Smith Daivd Smith Surname: Jones Mike Jones </pre>	Passed

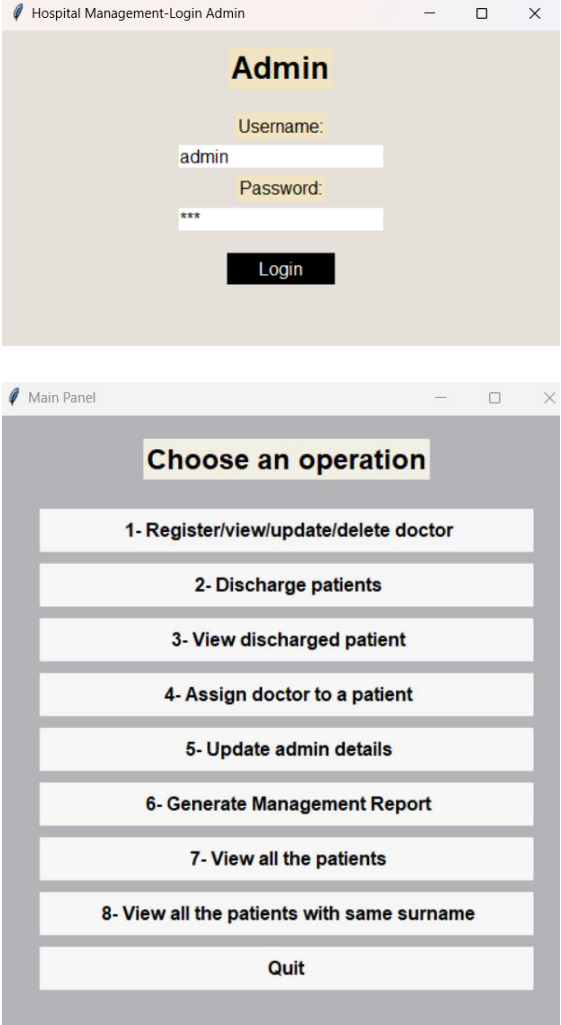
TESTCASE: 12(Get reports)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
12.	Get reports	1. system initialized 2. option 8 is chosen. 3. different option will be asked for displaying report choose any and particularly report will be displayed.	System starts and option 8 is chosen and option for different report will be displayed and after selecting option report will be displayed accordingly.	<pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 8 -----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

TESTCASE: 13(Quit)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
13.	quit	1. system initialized 2. option 9 is chosen. 3. The system will conclude.	System starts and option 9 is chosen and user will be outside the system.	 <pre> 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- View Patients Details 7- Group of family 8- Get Reports 9- Quit Option: 9 PS C:\Users\Srija\OneDrive\Desktop\hospital> </pre>	Passed

TESTCASE: 14(GUI for login)

Test Case Id	Features	Steps	Expected	Actual	Passed\Failed
14.	Login process	1. system initialized 2. will ask username and password. 3. After login, next page will open.	System starts and username and password is logged in. After that, next page will get opened.		Passed