

# TEST CASE OF HOSPITAL MANGEMENT SYTEM

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
1	Successful user log in	1. Run Programme 2. Enter: “Admin” in the text prompt “Enter the username” 3. Enter: “123” in the text prompt “Enter the password:”	Banking system app Starts successfully, and it asks for a username.  Username taken and the programme will ask for a password.  Login successful and the menu page for available operation pops up.	<div>-----Login----- Enter the username: admin Enter the password: 123</div> <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- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients</div>	Passed
2	Register a doctor	1. Enter: “1” in the “Option” prompt.  2.Enter “1” in prompt” Option” of doctor management  3. Enter “Ralph” in the text prompt” Enter the first name:”  4. Enter “Henry” in the text prompt” Enter the surname:”  5. Enter “Orthopaedics” in the text prompt” Enter the speciality name:”	The Doctor management section pops up and asks for option to be selected from available options.  Upon choosing to register. Program asks user for first name, surname and the speciality of the doctor to be registered on order.  “Doctor registered.” Message is popped up and we’re back to the main page.	<div>3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 1</div> <div>-----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Option: 1</div> <div>-----Register----- Enter the doctor's details: Enter the first name: Ralph Enter the surname: Henry Enter the speciality: Orthopaedics Doctor registered.</div>	Passed
3	View doctor list	1. Enter: “1” in the “Option” prompt.  2.Enter “2” in prompt” Option “of doctor management	The Doctor management section pops up and asks for option to be selected from available options.  Upon choosing to view doctors, list of available doctors is printed in the screen.	<div>3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit option: 1</div> <div>-----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Option: 2</div> <div>-----List of Doctors----- 1  John Dalle   Internal Med. 2  Jone Smith   Pediatrics 3  Jone Carlos   Cardiology 4  Teach Marchall   Orthopedic 5  Trafalgar Law   Neuro 6  Ralph Henry   Orthopedics</div>	Passed
4	Update doctor details	1. Enter: “1” in the “Option” prompt. 2.Choose “3” in prompt” Option “of doctor management  3.Enter “6” in the prompt “Enter the ID of the doctor:”  4.Enter “1” to in the prompt” Input:” 5.Enter “Martin” to change the name of Ralph	The Doctor management section pops up and asks for option to be selected from available options.  Upon choosing option 3 to update a doctor detail the program prints out the list of doctors, and asks to choose which doctor details need to be updated.  After the choosing the doctor user can choose to edit their name or surname or speciality.	<div>3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 1</div> <div>-----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Option: 3</div>	Passed

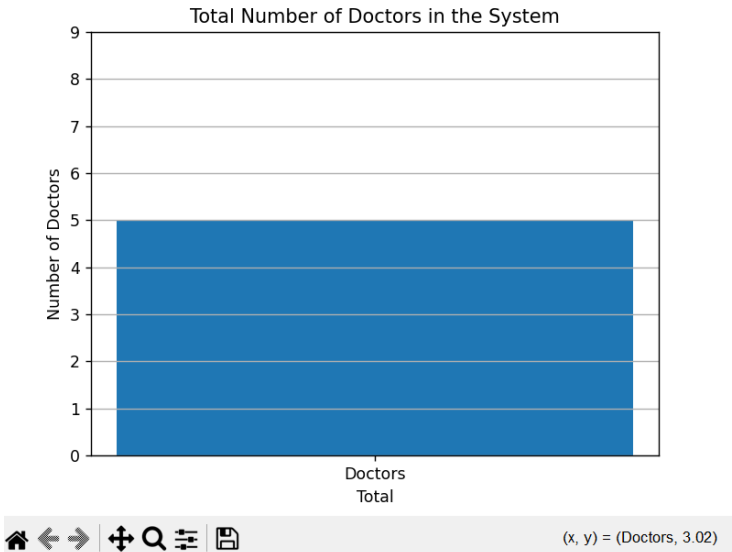
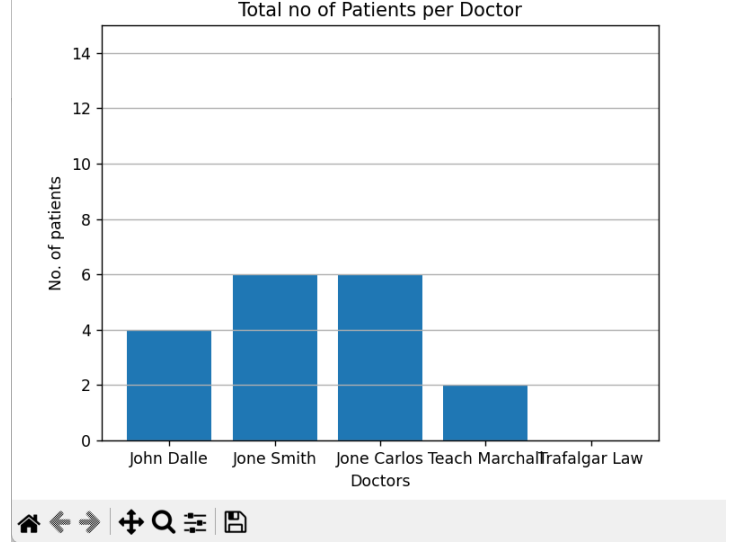
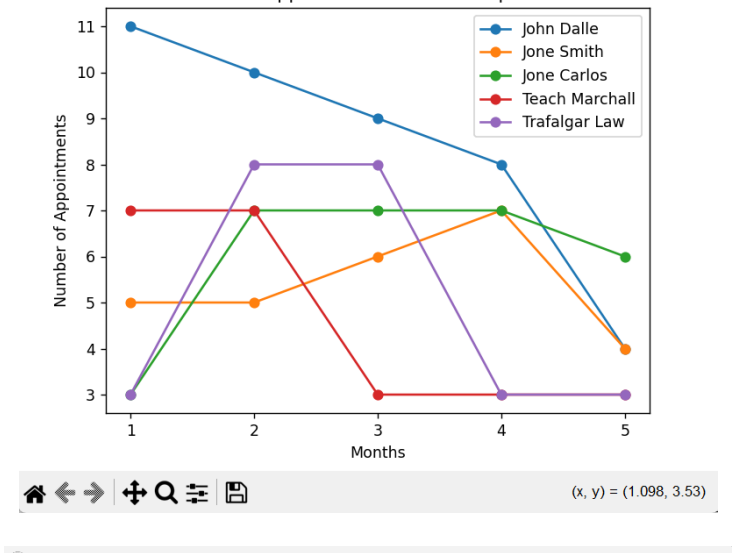
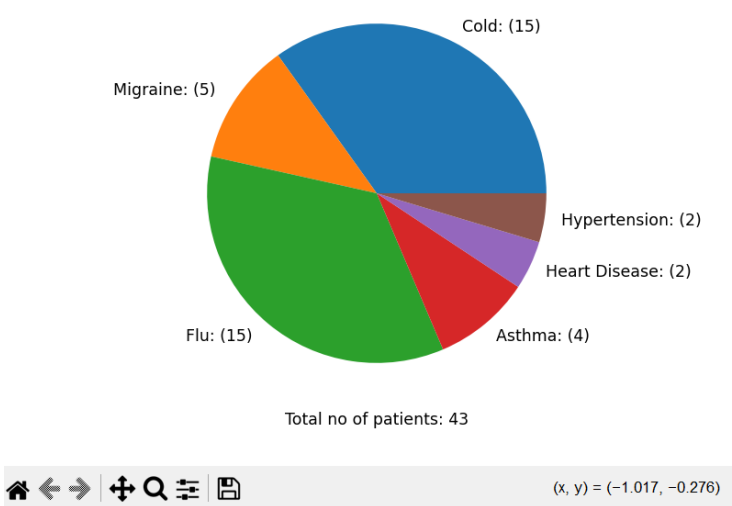
			User are asked to enter the new updated info and the changes are made to the selected doctor.	<div>-----Update Doctor`s Details-----<table><tr><td>ID</td><td>Full name</td><td>Speciality</td></tr><tr><td>1 </td><td>John Dalle</td><td>Internal Med.</td></tr><tr><td>2 </td><td>Jone Smith</td><td>Pediatrics</td></tr><tr><td>3 </td><td>Jone Carlos</td><td>Cardiology</td></tr><tr><td>4 </td><td>Teach Marchall</td><td>Orthopedic</td></tr><tr><td>5 </td><td>Trafalgar Law</td><td>Neuro</td></tr><tr><td>6 </td><td>Ralph Henry</td><td>Orthopedics</td></tr></table>Enter the ID of the doctor: 6</div> <div>Choose the field to be updated: 1 First name 2 Surname 3 Speciality Input: 1</div> <div>Enter new first name: Martin</div>	ID	Full name	Speciality	1	John Dalle	Internal Med.	2	Jone Smith	Pediatrics	3	Jone Carlos	Cardiology	4	Teach Marchall	Orthopedic	5	Trafalgar Law	Neuro	6	Ralph Henry	Orthopedics																
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5	Delete a doctor	1. Enter: “1” in the “Option” prompt. 2.Choose “4” in prompt” Option “of doctor management 3.Enter “6” in prompt” Enter the id of doctor to be deleted:”	<p>The Doctor management section pops up and asks for option to be selected from available options.</p> <p>Upon choosing option to delete a doctor the program prints the list of doctors and asks user to input the id of doctor which they want to delete.</p> <p>After receiving the id of doctor, the doctor Is removed and the doctor deleted message is popped.</p>	<div>3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 1</div> <div>-----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete Option: 4</div> <div>-----Delete Doctor-----<table><tr><td>ID</td><td>Full Name</td><td>Speciality</td></tr><tr><td>1 </td><td>John Dalle</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>Teach Marchall</td><td>Orthopedic</td></tr><tr><td>5 </td><td>Trafalgar Law</td><td>Neuro</td></tr><tr><td>6 </td><td>Martin Henry</td><td>Orthopedics</td></tr></table>Enter the ID of the doctor: 6</div> <div>Dr.Martin Henry deleted sucessfully.</div>	ID	Full Name	Speciality	1	John Dalle	Internal Med.	2	Jone Smith	Pediatrics	3	Jone Carlos	Cardiology	4	Teach Marchall	Orthopedic	5	Trafalgar Law	Neuro	6	Martin Henry	Orthopedics	Passed															
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6	Discharge a Patient	1.Enter “2” in the “option:” prompt.  2.Enter” y” in the prompt “Do you want to discharge a patient(Y/N)”.  3.Enter”3” in text prompt” Enter the patient ID:”  4.Enter” n” in the prompt “Do you want to discharge a patient(Y/N)”.	<p>After choosing the discharge patient option. A list of available patients is showed in the screen. The program asks if they want to discharge a patient or not.</p> <p>If yes the program ask the patient ID and discharges them and prints successful message else returns to Main page.</p>	<div>3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 2</div> <div><table><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>Do you want to discharge a patient(Y/N):y</div> <div>-----Discharge Patient-----<table><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>Please enter the patient ID: 3 Patient discharged sucessfully</div> <div>Do you want to discharge a patient(Y/N):n</div>	1	Sara Smith	None	20	07012345678	B1 234	2	Mike Jones	None	37	07555551234	L2 2AB	3	Daivd Smith	None	15	07123456789	C1 ABC	1	Sara Smith	None	20	07012345678	B1 234	2	Mike Jones	None	37	07555551234	L2 2AB	3	Daivd Smith	None	15	07123456789	C1 ABC	Passed
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7	View list of discharged patients.	1.Enter “3” in the “option:” prompt.	The program automatically prints out the list of discharged patients. In this case recently discharged David Smith is printed.	<div>3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 3</div> <div>-----Discharged Patients-----<table><tr><td>ID</td><td>Full Name</td><td>Doctor`s Full Name</td><td>Age</td><td>Mobile</td><td>Postcode</td></tr><tr><td>1 </td><td>Daivd Smith</td><td>None</td><td>15</td><td>07123456789</td><td>C1 ABC</td></tr></table></div>	ID	Full Name	Doctor`s Full Name	Age	Mobile	Postcode	1	Daivd Smith	None	15	07123456789	C1 ABC	Passed																								
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8	Assign doctor to a patient	1.Enter “4” in the “option:” prompt.  2.Enter “2” in the prompt” enter the patient id:”  3.Enter “5” in the prompt “Enter the doctors id”	<p>The program prints out the list patient with no doctor and prints them.</p> <p>After choosing a patient the symptoms of the patients are printed and asked user to assign to a doctor.</p> <p>At the end “patient is assigned to the doctor” message gets printed out.</p>	<div>3- View discharged patient 4- Assign doctor to a patient 5- Update admin details 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 4</div> <div>-----Assign----- -----Patients-----<table><tr><td>ID</td><td>Full Name</td><td>Doctor`s Full Name</td><td>Age</td><td>Mobile</td><td>Postcode</td></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></table>Please enter the patient ID: 2</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	Passed																		
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				<div>-----Doctors Select----- Select the doctor that fits these symptoms: ['heavy breathing', 'fever'] ----- ID   Full Name   Speciality 1  John Dalle   Internal Med. 2  Jone Smith   Pediatrics 3  Jone Carlos   Cardiology 4  Teach Marchall   Orthopedic 5  Trafalgar Law   Neuro Please enter the doctor ID: 5</div> <div>Please enter the doctor ID: 5 The patient is now assigned to the doctor.</div>	
9	Update admin details	1.Enter “5” in the “option:” prompt.  2.Enter “1” in the prompt “Input:”  3. Enter “BCU” in the prompt “Enter new username”	The program asks the user which details of the admin to be edited, username, password or address.  The program asks new data for selected data and applies the change,	<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- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 5</div> <div>Choose the field to be updated: 1 Username 2 Password 3 Address Input: 1</div> <div>Enter the new username: BCU</div>	Passed
10	Load patient data from a file	1.Enter “8” in the “option:” prompt.	The program automatically opens and loads the patient data inside the “patient_data.txt” and updates it in the patient list. Prints out “Data imported from patient.txt successfully”	<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- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 8</div> <div>Data imprted from patient.txt sucessfully</div>	Passed
11	Store patient data in a file	1.Enter “7” in the “option:” prompt.	The program automatically creates “patient.txt” and saves the patient data inside the from the system.  Prints out “Patient data stored successfully.”	<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- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 7</div> <div>Admin.py Main.py patient.txt Doctor.py patient.txt 1 Sara Smith 20 07012345678 B1 234 ['cough', 'mild-fever'] 2 Mike Jones 37 07555551234 L2 2AB ['heavy breathing', 'fever'] 3 Daivd Smith 15 07123456789 C1 ABC ['cough'] 4 Emma Johnson 29 07123456789 B1 234 ['Fever'] 5 Liam Johnson 45 07567891234 B1 234 ['cough'] 6 Olivia Martinez 32 07098765432 C1 ABC ['Headache'] 7 Noah Martinez 40 07111222333 C1 ABC ['Cold'] 8 Ava Davis 26 07222333444 E5 PQR ['Flu'] 9 William Davis 50 07333444555 E5 PQR ['Fatigue'] 10 Sophia Wilson 22 07444555666 G7 RST ['Sore throat'] 11 James Wilson 38 07555666777 G7 RST ['Shortness of breath'] 12 Isabella Taylor 29 07666777888 I9 OPQ ['Chest pain'] 13 Benjamin Taylor 47 07777888999 I9 OPQ ['Cough'] 14 Charlotte Thomas 31 07888999000 K2 VWX ['High fever'] 15 Michael Thomas 42 07999000111 K2 VWX ['Sneezing'] 16 Mia White 35 07000111222 M4 BCD ['Vomiting'] 17 Ethan White 28 07111222333 M4 BCD ['Weakness', 'Dizziness']</div> <div>Patient data stored sucessfully.</div>	Passed
12	View Patient based on family	1.Enter “6” in the “option:” prompt.	The program sorts out the patient list into families and prints them out. including family name and the members of the family.	<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- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 6</div>	Passed



				<div>Family: Smith<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Sara Smith</td><td>None</td><td>20</td><td>07012345678</td><td>B1 234</td></tr><tr><td>Daivd Smith</td><td>None</td><td>15</td><td>07123456789</td><td>C1 ABC</td></tr></table>Family: Jones<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Mike Jones</td><td>None</td><td>37</td><td>07555551234</td><td>L2 2AB</td></tr></table>Family: Johnson<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Emma Johnson</td><td>None</td><td>29</td><td>07123456789</td><td>B1 234</td></tr><tr><td>Liam Johnson</td><td>Trafalgar Ace</td><td>45</td><td>07567891234</td><td>B1 234</td></tr></table>Family: Martinez<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Olivia Martinez</td><td>None</td><td>32</td><td>07098765432</td><td>C1 ABC</td></tr><tr><td>Noah Martinez</td><td>None</td><td>40</td><td>07111222333</td><td>C1 ABC</td></tr></table>Family: Davis<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Ava Davis</td><td>None</td><td>26</td><td>07222333444</td><td>E5 PQR</td></tr><tr><td>William Davis</td><td>None</td><td>50</td><td>07333444555</td><td>E5 PQR</td></tr></table>Family: Wilson<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Sophia Wilson</td><td>Teach Marchall</td><td>22</td><td>07444555666</td><td>G7 RST</td></tr><tr><td>James Wilson</td><td>None</td><td>38</td><td>07555666777</td><td>G7 RST</td></tr></table>Family: Taylor<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Isabella Taylor</td><td>Jone Smith</td><td>29</td><td>07666777888</td><td>I9 OPQ</td></tr><tr><td>Benjamin Taylor</td><td>Jone Carlos</td><td>47</td><td>07777888999</td><td>I9 OPQ</td></tr></table>Family: Thomas<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Charlotte Thomas</td><td>None</td><td>31</td><td>07888999000</td><td>K2 VwX</td></tr><tr><td>Michael Thomas</td><td>Jone Carlos</td><td>42</td><td>07999000111</td><td>K2 VwX</td></tr></table>Family: White<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Mia White</td><td>None</td><td>35</td><td>07000111222</td><td>M4 BCD</td></tr><tr><td>Ethan White</td><td>None</td><td>28</td><td>07111222333</td><td>M4 BCD</td></tr></table>Family: Martin<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Amelia Martin</td><td>Trafalgar Ace</td><td>24</td><td>07222333444</td><td>O6 HIJ</td></tr><tr><td>Alexander Martin</td><td>Jone Smith</td><td>36</td><td>07333444555</td><td>O6 HIJ</td></tr></table>Family: Garcia<table><tr><td>Name</td><td>Doctor assigned</td><td>Age</td><td>Mobile No</td><td>Postcode</td></tr><tr><td>Harper Garcia</td><td>Jone Carlos</td><td>48</td><td>07444555666</td><td>Q8 NOP</td></tr><tr><td>Daniel Garcia</td><td>John Dalle</td><td>33</td><td>07555666777</td><td>Q8 NOP</td></tr></table></div>	Name	Doctor assigned	Age	Mobile No	Postcode	Sara Smith	None	20	07012345678	B1 234	Daivd Smith	None	15	07123456789	C1 ABC	Name	Doctor assigned	Age	Mobile No	Postcode	Mike Jones	None	37	07555551234	L2 2AB	Name	Doctor assigned	Age	Mobile No	Postcode	Emma Johnson	None	29	07123456789	B1 234	Liam Johnson	Trafalgar Ace	45	07567891234	B1 234	Name	Doctor assigned	Age	Mobile No	Postcode	Olivia Martinez	None	32	07098765432	C1 ABC	Noah Martinez	None	40	07111222333	C1 ABC	Name	Doctor assigned	Age	Mobile No	Postcode	Ava Davis	None	26	07222333444	E5 PQR	William Davis	None	50	07333444555	E5 PQR	Name	Doctor assigned	Age	Mobile No	Postcode	Sophia Wilson	Teach Marchall	22	07444555666	G7 RST	James Wilson	None	38	07555666777	G7 RST	Name	Doctor assigned	Age	Mobile No	Postcode	Isabella Taylor	Jone Smith	29	07666777888	I9 OPQ	Benjamin Taylor	Jone Carlos	47	07777888999	I9 OPQ	Name	Doctor assigned	Age	Mobile No	Postcode	Charlotte Thomas	None	31	07888999000	K2 VwX	Michael Thomas	Jone Carlos	42	07999000111	K2 VwX	Name	Doctor assigned	Age	Mobile No	Postcode	Mia White	None	35	07000111222	M4 BCD	Ethan White	None	28	07111222333	M4 BCD	Name	Doctor assigned	Age	Mobile No	Postcode	Amelia Martin	Trafalgar Ace	24	07222333444	O6 HIJ	Alexander Martin	Jone Smith	36	07333444555	O6 HIJ	Name	Doctor assigned	Age	Mobile No	Postcode	Harper Garcia	Jone Carlos	48	07444555666	Q8 NOP	Daniel Garcia	John Dalle	33	07555666777	Q8 NOP	
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13	Relocate patients	<div>1.Enter “9” in the “option:” prompt.</div> <div>2.Enter “4” in the text prompt “Please enter the patient ID:”</div> <div>4.Enter “5” in “Please enter doctor ID:”</div>	<div>The program prints out the list of patients which have been assigned to a doctor. And asks user to choose which patient needs to be relocated and to which doctor.</div> <div>The selected patient is relocated automatically to the selected doctor. And a “{patient} relocated to {doctor}” is printed to confirm to relocating process.</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 detais</div> <div>6- View Patients based on family</div> <div>7- Store patient data in file</div> <div>8- Load patient data from a file</div> <div>9- Relocate patients</div> <div>10- Management report</div> <div>11- Quit</div> <div>Option: 9</div> <div>-----Relocate patients----- -----Patients-----<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>Liam Johnson</td><td>Trafalgar Ace</td><td>45</td><td>07567891234</td><td>B1 234</td></tr><tr><td>2 </td><td>Sophia Wilson</td><td>Teach Marchall</td><td>22</td><td>07444555666</td><td>G7 RST</td></tr><tr><td>3 </td><td>Isabella Taylor</td><td>Jone 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Ace</td><td>34</td><td>07567891235</td><td>B1 235</td></tr><tr><td>13 </td><td>Chloe Abir</td><td>Teach Marchall</td><td>23</td><td>07444555667</td><td>G7 RSU</td></tr><tr><td>14 </td><td>Lily Abir</td><td>Jone Smith</td><td>30</td><td>07666777889</td><td>I9 OPR</td></tr><tr><td>15 </td><td>Daniel Abir</td><td>Jone Carlos</td><td>49</td><td>07777888990</td><td>I9 OPR</td></tr><tr><td>16 </td><td>Ryan Abir</td><td>Jone Carlos</td><td>44</td><td>07999000112</td><td>K2 VwY</td></tr><tr><td>17 </td><td>Hannah Abir</td><td>Trafalgar Ace</td><td>26</td><td>07222333445</td><td>O6 HIK</td></tr><tr><td>18 </td><td>Samuel Abir</td><td>Jone Smith</td><td>35</td><td>07333444556</td><td>O6 HIK</td></tr><tr><td>19 </td><td>Avery Abir</td><td>Jone Carlos</td><td>50</td><td>07444555667</td><td>Q8 NOQ</td></tr><tr><td>20 </td><td>David Abir</td><td>John Dalle</td><td>32</td><td>07555666778</td><td>Q8 NOQ</td></tr><tr><td>21 </td><td>Scarlett Abir</td><td>Jone Smith</td><td>31</td><td>07666777889</td><td>S1 TUW</td></tr><tr><td>22 </td><td>Joseph Abir</td><td>John Dalle</td><td>43</td><td>07777888991</td><td>S1 TUW</td></tr></table>Please enter the patient ID: 4</div> <div>Select the doctor that fits these symptoms: ['Cough'] -----<table><tr><th>ID</th><th>Full Name</th><th>Speciality</th></tr><tr><td>1 </td><td>John Dalle</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>Teach Marchall</td><td>Orthopedic</td></tr><tr><td>5 </td><td>Trafalgar Law</td><td>Neuro</td></tr></table>Please enter the doctor ID: 5</div> <div>Please enter the doctor ID: 5 Patient Benjamin Taylor is relocated to the Dr Trafalgar Law.</div>	ID	Full Name	Doctor`s Full Name	Age	Mobile	Postcode	1	Liam Johnson	Trafalgar Ace	45	07567891234	B1 234	2	Sophia Wilson	Teach Marchall	22	07444555666	G7 RST	3	Isabella Taylor	Jone Smith	29	07666777888	I9 OPQ	4	Benjamin 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14	View number of patient per doctor	<div>1.Enter “10” in the “option:” prompt.</div> <div>2.Enter “2” in the prompt “Option:” of management.</div>	<div>The program sorts the patient among the doctor assigned to them. And prints out the doctor’s name and the list of patients they are assigned to.</div>	<div>Choose the operation:</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 detais</div> <div>6- View Patients based on family</div> <div>7- Store patient data in file</div> <div>8- Load patient data from a file</div> <div>9- Relocate patients</div> <div>10- Management report</div> <div>11- Quit</div> <div>Option: 10</div>	Passed																																																																																																																																																																

				<pre>-----Management----- 1. Total no of doctors in system. 2. Total no of patients per doctor. 3. Total no of appointments per month per doctor. 4. Total no of patients based on the illness type. 5. View diagram report (NOTE: Import the data first for better view diagram) 6. Go back Option: 2 Dr John Dalle -----PATIENT LIST----- Daniel Garcia Matthew Rodriguez David Abir Joseph Abir ----- Total patient of Dr John Dalle: 4 Dr Jone Smith -----PATIENT LIST----- Isabella Taylor Alexander Martin Evelyn Rodriguez Lily Abir Samuel Abir Scarlett Abir ----- Total patient of Dr Jone Smith: 6 Dr Jone Carlos -----PATIENT LIST----- Benjamin Taylor Michael Thomas Harper Garcia Daniel Abir Ryan Abir Avery Abir ----- Total patient of Dr Jone Carlos: 6 Dr Teach Marchall -----PATIENT LIST----- Sophia Wilson Chloe Abir ----- Total patient of Dr Teach Marchall: 2 Dr Trafalgar Law -----PATIENT LIST----- Total patient of Dr Trafalgar Law: 2</pre>	
15	View patient on Illness type	<p>1.Enter “10” in the “option:” prompt.</p> <p>2.Enter “4” in the prompt “Option:” of management.</p>	The program sorts out the patients on different illness and print out the illness and the list of patients suffering from that illness.	<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 detais 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 10  -----Management----- 1. Total no of doctors in system. 2. Total no of patients per doctor. 3. Total no of appointments per month per doctor. 4. Total no of patients based on the illness type 5. View diagram report (NOTE: Import the data first for better view diagram) 6. Go back Option: 4 -----ILLNESS----- -----patient's suffering Cold----- Sara Smith Liam Johnson Noah Martinez Sophia Wilson Benjamin Taylor Michael Thomas Daniel Garcia Evelyn Rodriguez Oliver Abir Lucas Abir Chloe Abir Daniel Abir Ryan Abir David Abir Scarlett Abir Total patients :15 -----patient's suffering Migraine----- Mike Jones Olivia Martinez Amelia Martin Sophie Abir Hannah Abir Total patients :5 -----patient's suffering Flu----- Daivd Smith Emma Johnson Ava Davis William Davis Charlotte Thomas Mia White Ethan White Alexander Martin Emily Abir Grace Abir Henry Abir Zoe Abir Ella Abir Nathan Abir Samuel Abir Total patients :15 -----patient's suffering Asthma----- James Wilson</pre>	Passed

16	View diagram report of Management	<div>1.Enter “10” in the “option:” prompt.</div> <div>2.Enter “5” in the prompt “Option:” of management</div>	<div>The program shows the visual representation of management report. This includes:</div> <ul style="list-style-type: none"><li>• Number of doctors in the system.</li><li>• Number of patents per doctor.</li><li>• Number of appointments per doctor.</li><li>• Number of patients on illness type</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 detais 6- View Patients based on family 7- Store patient data in file 8- Load patient data from a file 9- Relocate patients 10- Management report 11- Quit Option: 10</div> <div><p>Total Number of Doctors in the System</p><table><tr><th>Doctors</th><th>Total</th></tr><tr><td>Doctors</td><td>5</td></tr></table></div> <div><p>Total no of Patients per Doctor</p><table><tr><th>Doctors</th><th>No. of patients</th></tr><tr><td>John Dalle</td><td>4</td></tr><tr><td>Jone Smith</td><td>6</td></tr><tr><td>Jone Carlos Teach Marchall</td><td>6</td></tr><tr><td>Trafalgar Law</td><td>2</td></tr></table></div> <div><p>Number of Appointments of Doctors per month</p><table><tr><th>Months</th><th>John Dalle</th><th>Jone Smith</th><th>Jone Carlos</th><th>Teach Marchall</th><th>Trafalgar Law</th></tr><tr><td>1</td><td>11</td><td>5</td><td>3</td><td>7</td><td>3</td></tr><tr><td>2</td><td>10</td><td>5</td><td>7</td><td>7</td><td>8</td></tr><tr><td>3</td><td>9</td><td>6</td><td>7</td><td>3</td><td>8</td></tr><tr><td>4</td><td>8</td><td>7</td><td>7</td><td>3</td><td>3</td></tr><tr><td>5</td><td>4</td><td>4</td><td>6</td><td>3</td><td>3</td></tr></table></div> <div><p>Total no of patients based on illness type</p><table><tr><th>Illness Type</th><th>Count</th></tr><tr><td>Cold</td><td>15</td></tr><tr><td>Flu</td><td>15</td></tr><tr><td>Asthma</td><td>4</td></tr><tr><td>Migraine</td><td>5</td></tr><tr><td>Hypertension</td><td>2</td></tr><tr><td>Heart Disease</td><td>2</td></tr></table><p>Total no of patients: 43</p></div>	Doctors	Total	Doctors	5	Doctors	No. of patients	John Dalle	4	Jone Smith	6	Jone Carlos Teach Marchall	6	Trafalgar Law	2	Months	John Dalle	Jone Smith	Jone Carlos	Teach Marchall	Trafalgar Law	1	11	5	3	7	3	2	10	5	7	7	8	3	9	6	7	3	8	4	8	7	7	3	3	5	4	4	6	3	3	Illness Type	Count	Cold	15	Flu	15	Asthma	4	Migraine	5	Hypertension	2	Heart Disease	2	Passed
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