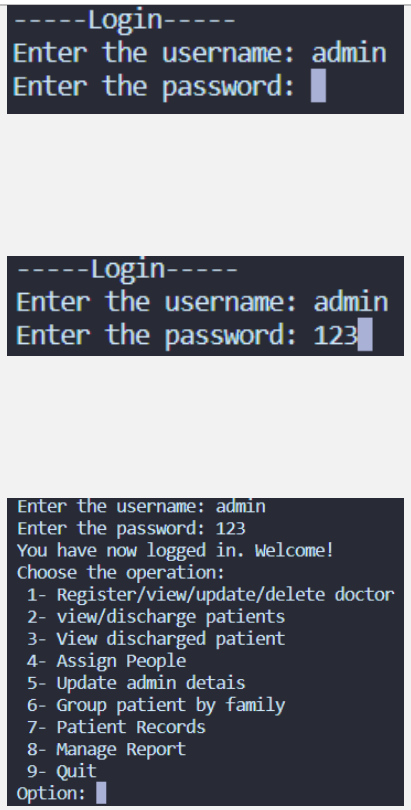
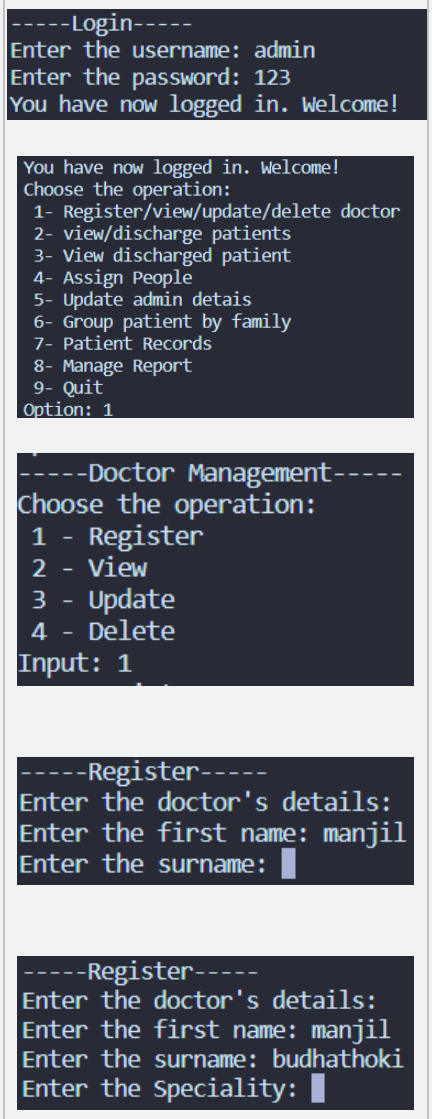
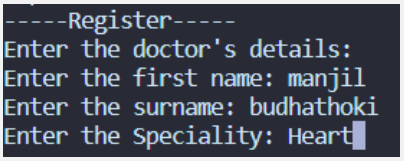
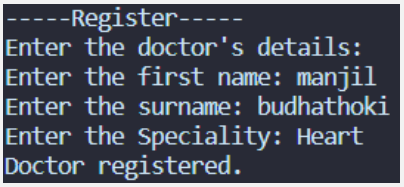
TEST CASE 1: SUCCESSFUL ADMIN LOG-IN.

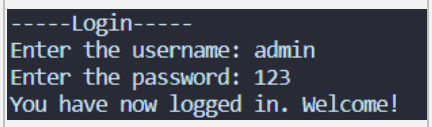
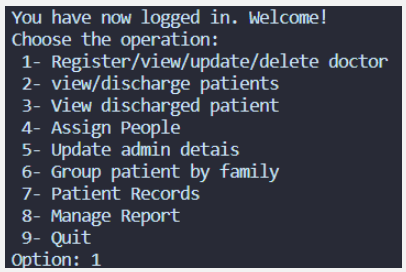
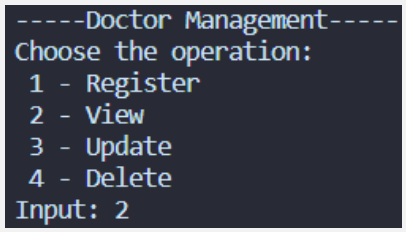
Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
1	Successful Admin Login	1. Run "**Main.py**" File. 2. Enter "**admin**" in the text prompt "**Enter the username:**" 3. Enter "**123**" in the text prompt "**Enter the password:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username. ▪ After asking for the username the program will ask for the password. ▪ After the user enters the password, the program will display a list of operations, and ask the user to provide the option ID present.		Passed

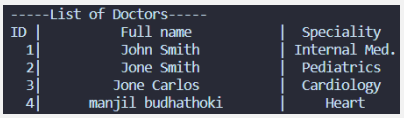
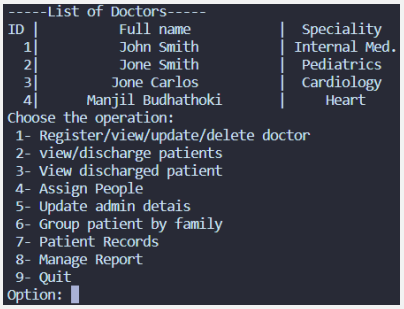
TEST CASE 2: DOCTOR REGISTRATION.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
2	Doctor Registration	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**1**" in the text prompt "**Option:**" 4. Then again enter "**1**" in the text format" **input:**" 5. Enter "**Manjil**" in the text prompt "**Enter the first name:**" 6. Enter " **Budhathoki**" in the text prompt "**Enter the Surname:** "	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **1** in the main menu, the program will show the doctor management menu. ▪ After entering input 1 in the doctor management menu, the program will ask for the new first name.		Passed

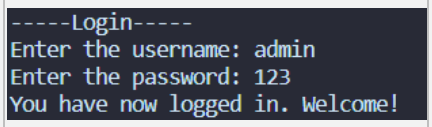
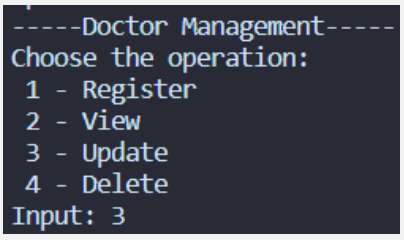
		7. Enter "Heart" in the text prompt "**Enter the specialty:** "	▪ After taking the first name, the program will ask for a new surname. ▪ After taking the surname, the program will ask for a new Specialty. ▪ After taking a specialty, the program will display a message saying "**Doctor registered.**"	 	

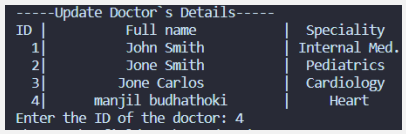
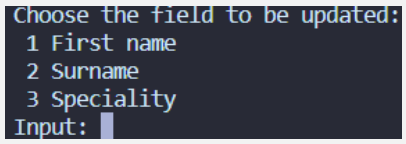
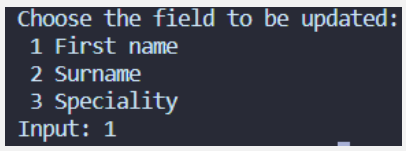
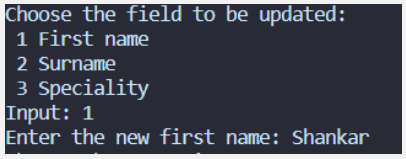
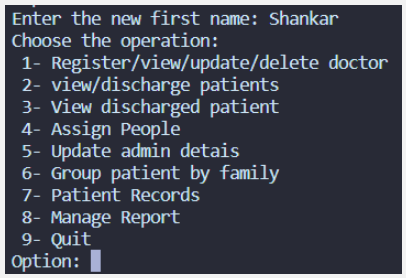
TEST CASE 3: View Doctors.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
3	View Doctors	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**1**" in the text prompt "**Option:**" 4. Then again enter "**2**" in the text format" **input:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **1** in the main menu, the program will show the doctor management menu.	  	Passed

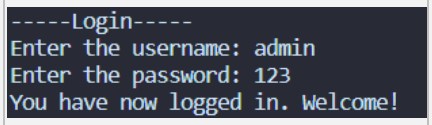
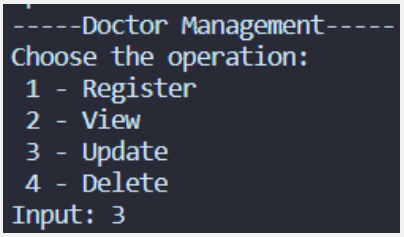
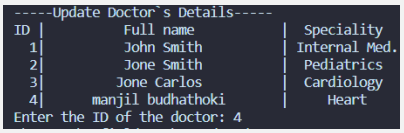
			▪ After entering input 2 in the doctor management menu, the program will display a list of doctors with their ID, Full Name, and Specialty and will display the main menu again.	 	

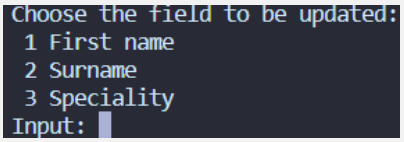
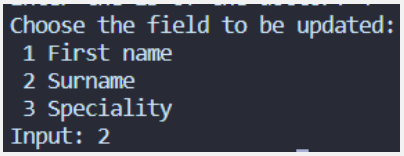
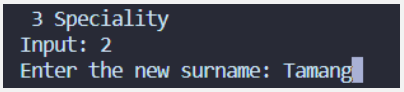
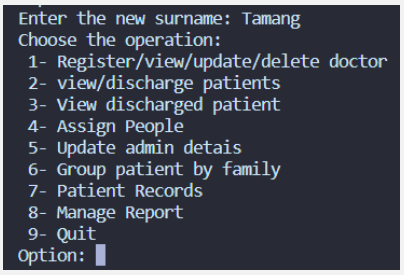
TEST CASE 4: Updating doctor's First name.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
4	Updating doctor's first name	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**1**" in the text prompt "**Option:**" 4. Then again enter "**3**" in the text format" **input:**" 5. Enter "**4**" in the text prompt "Enter **the ID of the doctor:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **1** in the main menu, the program will show the doctor management menu.	 	Passed

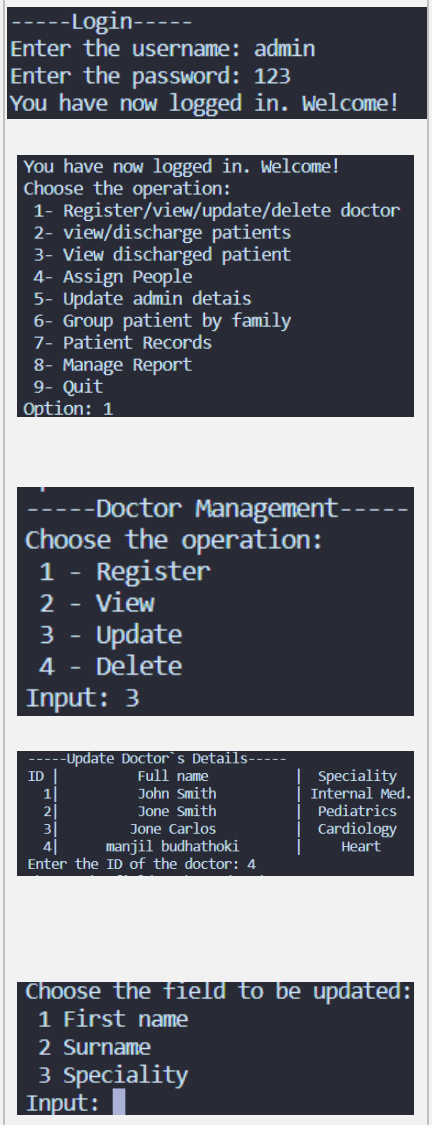
		6. Then Enter "**1**" in the text prompt **"Choose the field to be updated:**" 7. Enter "**Shankar**" in the text prompt "**Enter the new first name:**"	▪ After entering input 3 in the doctor management menu, the program will display a list of all doctors and will ask the user to enter the ID of a targeted doctor. ▪ After taking the doctor ID input, the program will ask to provide the user with the ID of the desired option out of three options. ▪ After taking 1 in the text prompt "Enter the field to be updated:", the program will ask the user to enter a new first name. ▪ After taking the new first name, the specified doctor is changed and the program will display the main menu.	    	

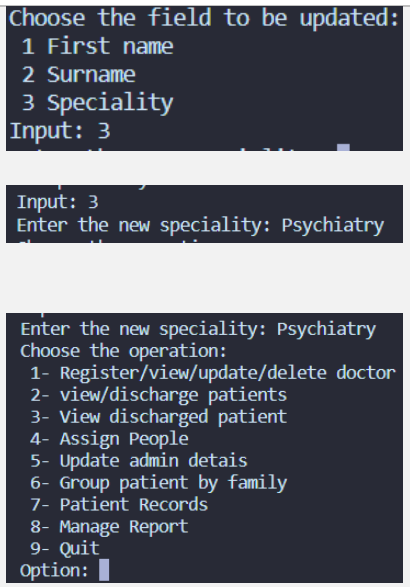
TEST CASE 5: Updating doctor's Surname.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
5	Updating doctor's Surname	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**1**" in the text prompt "**Option:**" 4. Then again enter "**3**" in the text format" **input:**" 5. Enter "**4**" in the text prompt "**Enter the ID of the doctor:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **1** in the main menu, the program will show the doctor management menu.	  	Passed

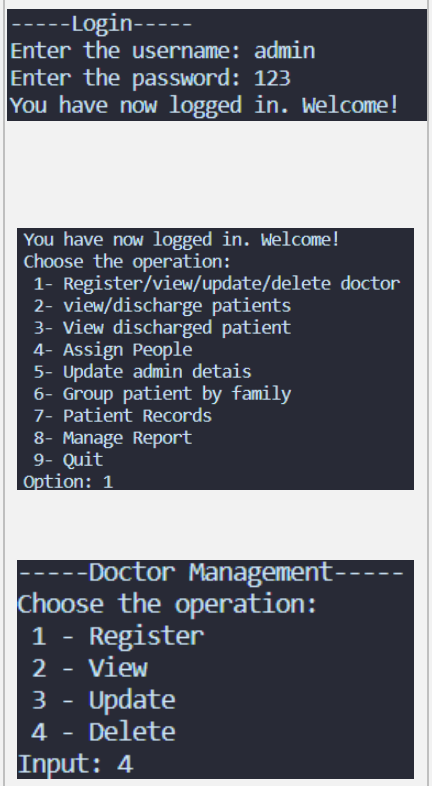
		6. Then Enter "**2**" in the text prompt **"Choose the field to be updated:**" 7. Enter "**Tamang**" in the text prompt "**Enter the new Surname:**"	▪ After entering input 3 in the doctor management menu, the program will display a list of all doctors and will ask the user to enter the ID of a targeted doctor. ▪ After taking the doctor ID input, the program will ask to provide the user with the ID of the desired option out of three options. ▪ After taking 2 in the text prompt "Enter the field to be updated:", the program will ask the user to enter a new surname. ▪ After taking the new surname, the specified doctor is changed and the program will display the main menu.	   	

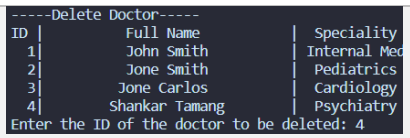
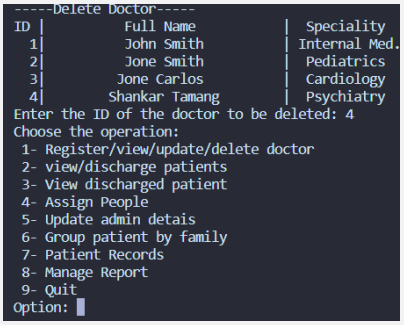
TEST CASE 6: Updating doctor's Speciality.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
6	Updating doctor's Speciality	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**1**" in the text prompt "**Option:**" 4. Then again enter "**3**" in the text format" **input:**" 5. Enter "**4**" in the text prompt "**Enter the ID of the doctor:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **1** in the main menu, the program will show the doctor management menu.		Passed

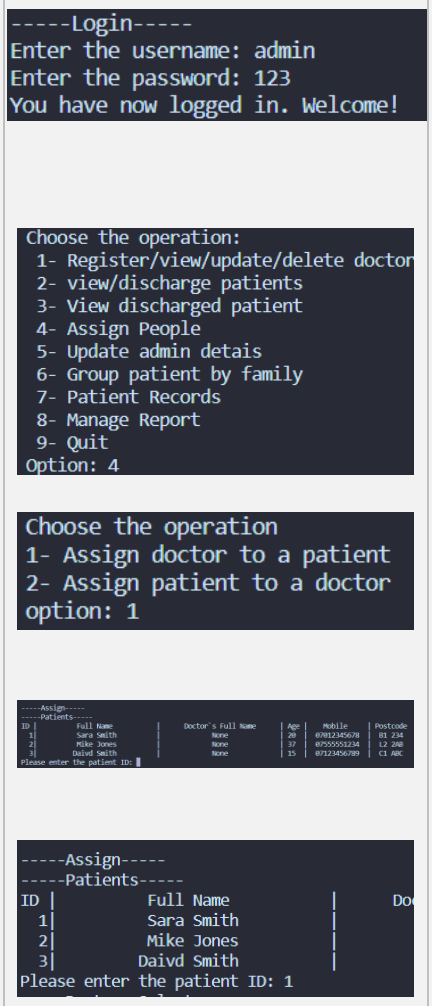
		6. Then Enter "**3**" in the text prompt **"Choose the field to be updated:**" 7. Enter "**Psychiatry**" in the text prompt "**Enter the new Speciality:** "	▪ After entering input 3 in the doctor management menu, the program will display a list of all doctors and will ask the user to enter the ID of a targeted doctor. ▪ After taking the doctor ID input, the program will ask to provide the user with the ID of the desired option out of three options. ▪ After taking 3 in the text prompt "Enter the field to be updated:", the program will ask the user to enter a new Speciality. ▪ After taking the new Speciality, the specified doctor is changed and the program will display the main menu.		

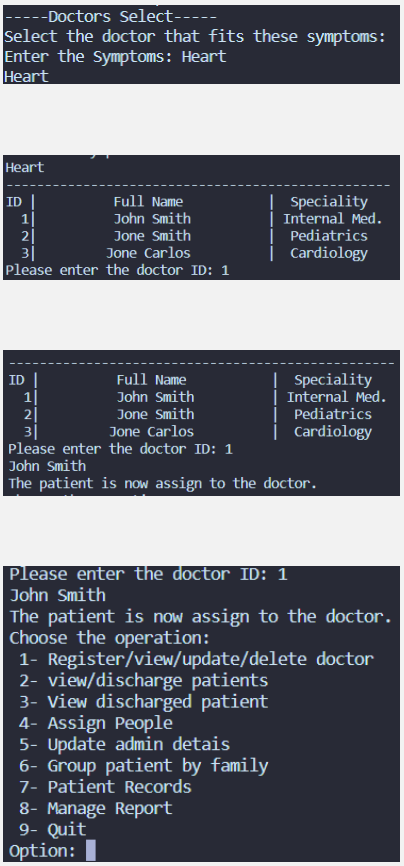
TEST CASE 7: Delete Doctor.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
7	Delete Doctor	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**1**" in the text prompt "**Option:**" 4. Then again enter "**4**" in the text format" **input:**" 5. Enter "**4**" in the text prompt "**Enter the ID of the doctor to be deleted:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **1** in the main menu, the program will show the doctor management menu.		Passed

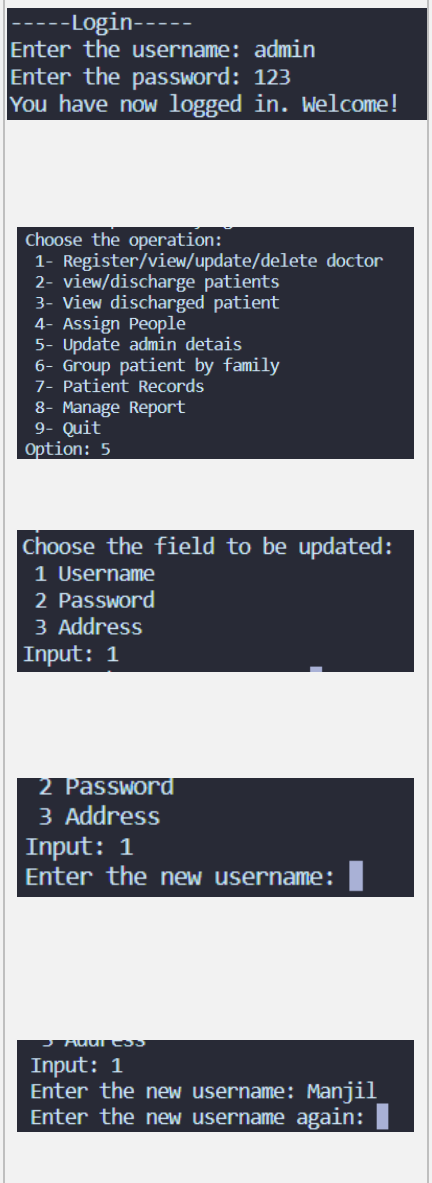
			▪ After entering input 4 in the doctor management menu, the program will display a list of all doctors and will ask the user to enter the ID to be deleted. ▪ After taking the ID of the doctor to be deleted, the doctor's name will be removed and the program will display the main menu.	 	

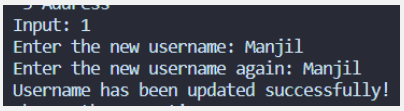
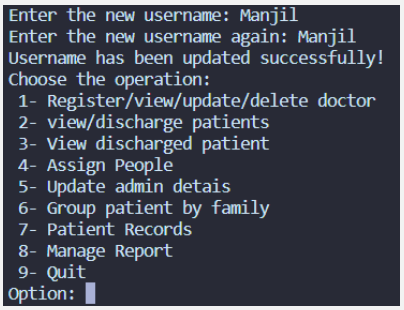
TEST CASE 8: Assigning doctor to patient.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
8	Assigning Doctor to a patient	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**4**" in the text prompt "**Option:** " 4. Then again enter "**1**" in the text format" **Option:**" 5. Enter "**1**" in the text prompt "**Please enter the patient ID:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **4** in the main menu, the program will show the Assign People menu		Passed

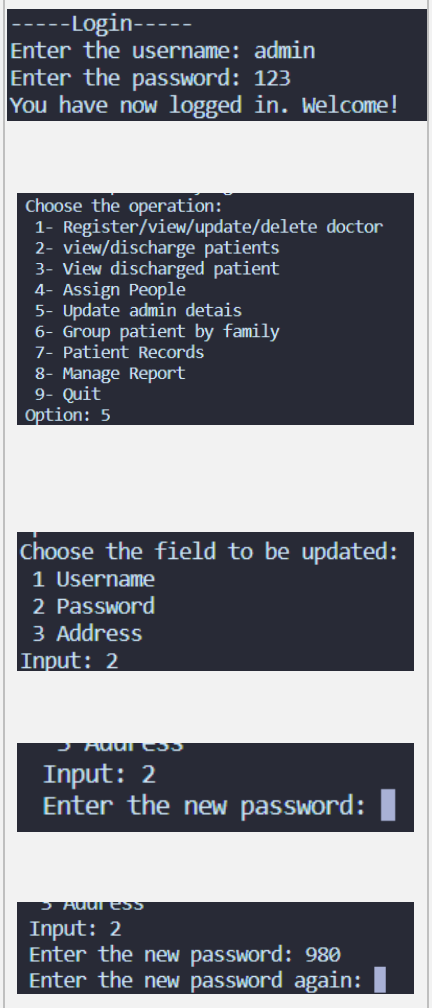
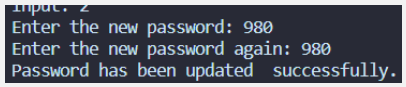
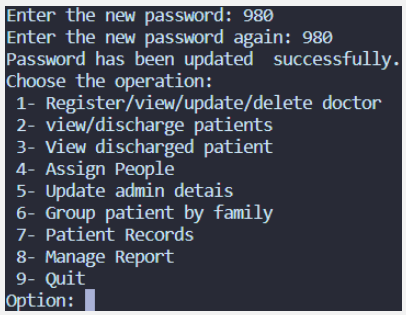
		6. Enter "**Heart** "in the text prompt "**Enter the Symptoms:**" 7. Enter "**1**" in the text prompt "**Please enter the doctor ID:**"	▪ After entering input 1 in Assign People, the program will display a list of all patients and ask the user to enter the ID of the patient. ▪ After taking the ID of the patient, the program will ask to enter the symptoms ▪ After taking the symptoms, the program will display the list of doctors and ask to enter the doctor ID ▪ After taking the Doctor ID the program will state that the doctor is assigned to the patient and will display the main menu again.		

TEST CASE 9: Update Admin Username Details.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
9	Update Admin Username Details	1. Run "**Main.py**" File. 2. Successful login. 3. Enter option: "**5**" in the text prompt "**Option:**" 4. Then again enter "**1**" in the text format" **Input:**" 5. Enter "**Manjil**" in the text prompt "**Enter the new username:**"	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **5** in the main menu, the program will show the menu field to be updated.		Passed

		6. Enter "**Manjil**" in the text prompt "**Enter the new username again:"**	▪ After entering input 1 in the menu field, the program will ask to enter the new username. ▪ After taking the new username it will ask again for conformation and after that main menu is displayed	 	

TEST CASE 10: Update Admin Password Details.

Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/Failed
10	Update Admin Password Details	7. Run "**Main.py**" File. 8. Successful login. 9. Enter option: "**5**" in the text prompt "**Option:** " 10. Then again enter "**2**" in the text format" **Input:**" 11. Enter "**980**" in the text prompt "**Enter the new password:**" 12. Enter	▪ The System starts successfully after running "**Main.py**" and will ask for the username & password. ▪ After successful login, the program will show the main menu with 9 options. ▪ After entering option **5** in the main menu, the program will show the menu field to be updated.		Passed

			"**980**" in the text prompt "**Enter the new Password again:"**	▪ After entering input 2 in the menu field, the program will ask to enter the new password. ▪ After taking the new password it will ask again for conformation and after that main menu is displayed