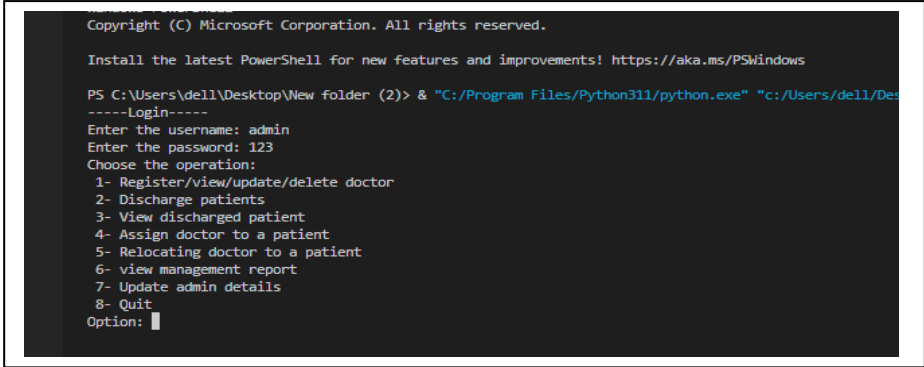
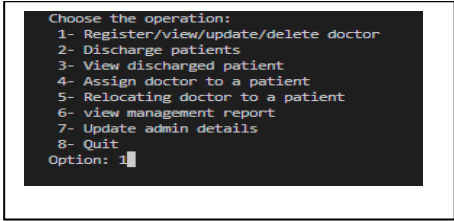
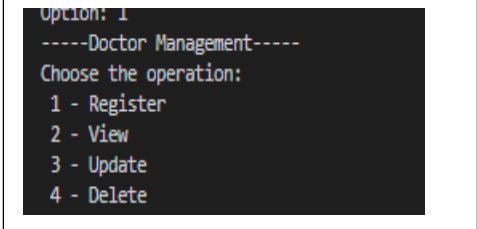


Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed /Failed
1	Successful Admin log in	1. Run Program 2. Enter username: admin 3. Enter Password : 123	Hospital Management system initiates without any issues. Ask for username and password. If the login information is valid, the user is granted access to the admin menu, which is displayed on the screen.	 <pre> Copyright (C) Microsoft Corporation. All rights reserved. Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows PS C:\Users\dell\Desktop\New folder (2)> & "C:/Program Files/Python311/python.exe" "c:/Users/dell/Des -----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- Relocating doctor to a patient 6- view management report 7- Update admin details 8- Quit Option: █ </pre>	Passed
2	Registration /view/update and delete	1. Run the Program 2. Successful Login 3. Selection of option 1 in admin menu 4. Selection	Hospital Management system allows the admin to log in, and after successful login, the admin can access a list of available operations. If the admin selects the first operation, they can access the	  <pre> Choose the operation: 1- Register/view/update/delete doctor 2- Discharge patients 3- View discharged patient 4- Assign doctor to a patient 5- Relocating doctor to a patient 6- view management report 7- Update admin details 8- Quit Option: 1█ Option: 1 -----Doctor Management----- Choose the operation: 1 - Register 2 - View 3 - Update 4 - Delete </pre>	Passed

of
operatio
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Doctor
Manage
ment

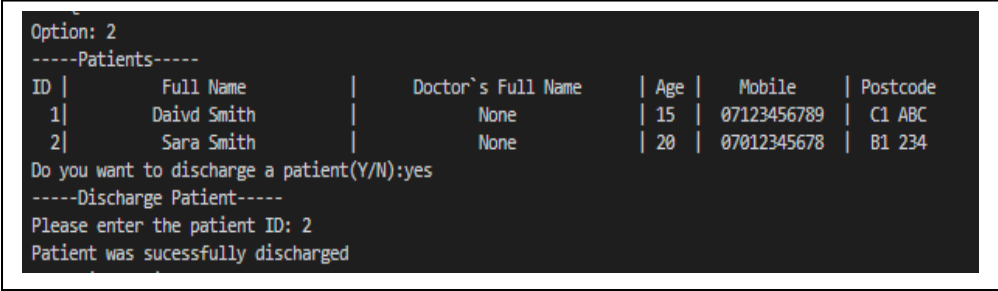
Doctor
Management
system, where
they can register a
new doctor by
providing their
name and area of
specialization.
Similarly selecting
2 on management
system will allow
user to view list of
doctors.
Selecting 3 will
give access to
update doctor
information.
Selecting 4 can
delete the doctor
from the list.
The system
confirms the
successful
registration,
update, and
deletion of doctor.

```
Input: 1
-----Register-----
Enter the doctor's details:
Enter the first name of the doctor: deep
Enter the surname of the doctor: khanal
Enter the speciality of the doctor: cardiologist
The Doctor is sucessfully registered.
Choose the operation:
```

```
Input: 2
-----List of Doctors-----
ID | Full name | Speciality
1| John Smith | Internal Med.
2| Jone Smith | Pediatrics
3| Jone Carlos | Cardiology
4| deep khanal | cardiologist
```

```
Input: 3
-----Update Doctor's Details-----
ID | Full name | Speciality
1| John Smith | Internal Med.
2| Jone Smith | Pediatrics
3| Jone Carlos | Cardiology
4| deep khanal | cardiologist
Enter the ID of the doctor: 3
Choose the field to be updated:
1 First name
2 Surname
3 Speciality
Input: 1
Enter the new first name: john
doctor details updated
```

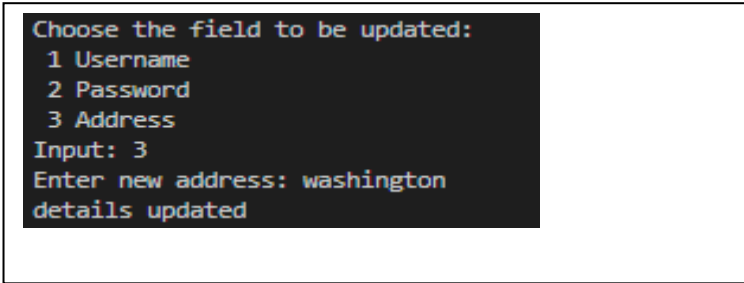
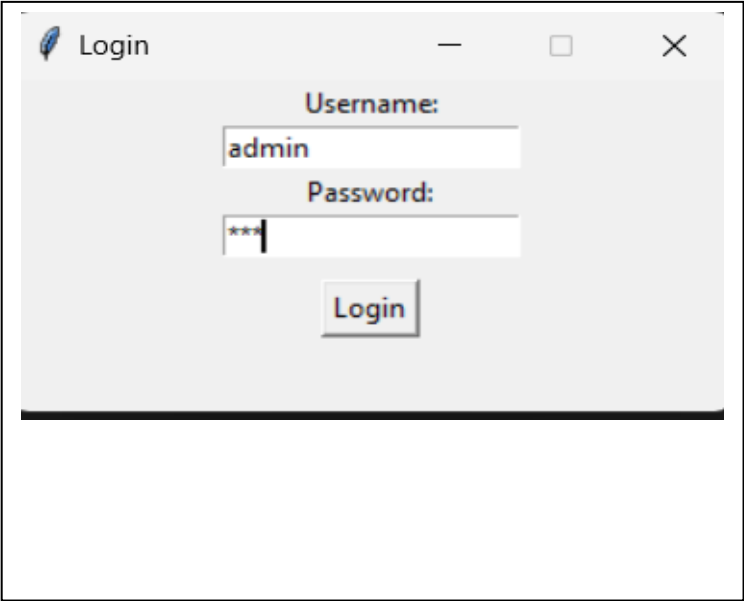
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Input: 4
-----Delete Doctor-----
ID | Full Name | Speciality
1| John Smith | Internal Med.
2| Jone Smith | Pediatrics
3| John Carlos | Cardiology
4| deep khanal | cardiologist
Enter the ID of the doctor to be deleted: 4
Id of doctor sucessfully deleted
Choose the operation:
```

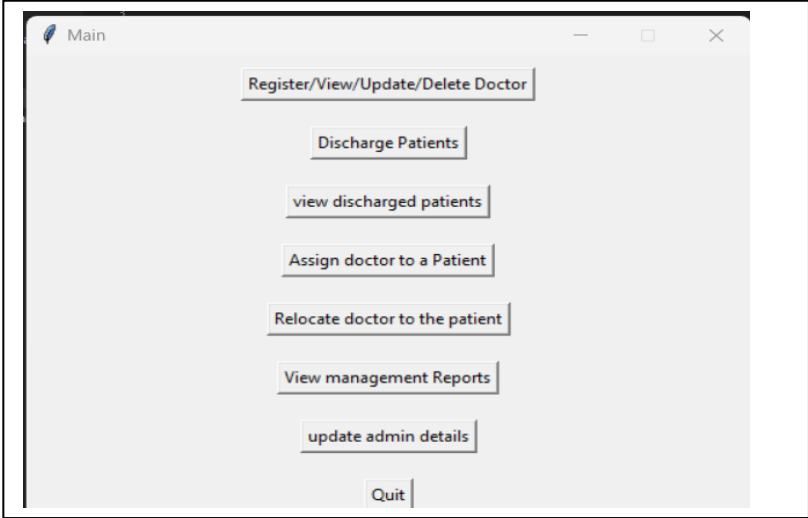
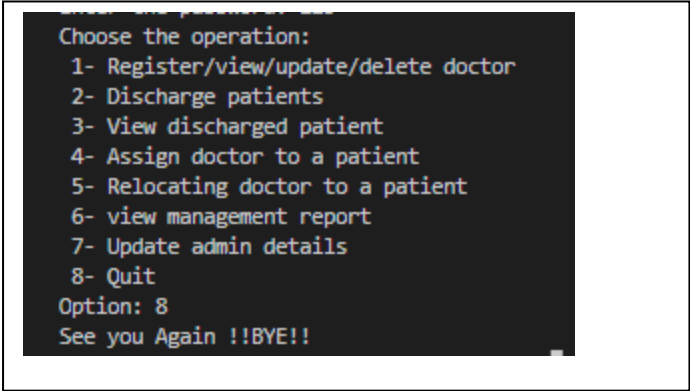
3	Discharge of Patient	1.Run Program 2.Successful Login 3.Selection of option 2 in admin menu	Hospital Management system starts successfully. The program will ask admin to select an operation. Admin selects option (2), and the list of patients will be displayed. The program will ask the admin whether to discharge the patient or not. After selecting to discharge the program will ask patient ID Selecting Patient ID will be successfully discharged patient.		Passed
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4	View Discharged patient	1.Run Program 2. Successful Login 3. Selection of option 3 in admin menu	Hospital management system runs successfully. Admin selects option. operation allows admin to view the details of discharged patients.	<div><div>8- Quit Option: 3 -----Discharged Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 Sara Smith None 20 07012345678 B1 234 Please enter the patient ID: 6</div></div>	Passed
5	Assigning doctor to a patient	1. Run Program 2. Successful Login 3. Selection of option 4 in admin menu	Hospital management systems runs successfully. Number 4 operation allows the admin to assign a doctor to a patient in the hospital.This is done by selecting a doctor from a list based on their specialty and experience, and then entering the ID of the patient to whom they will be assigned.	<div><div>8- Quit Option: 4 -----Assign----- -----Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 Daivd Smith None 15 07123456789 C1 ABC 2 Sara Smith None 20 07012345678 B1 234 3 Daivd Smith None 15 07123456789 C1 ABC 4 Mike Jones None 37 07555551234 L2 2AB 5 rashmi Jones None 23 23123 4 242 6 deep fullel None 23 347348746877 b1 dsc 7 anu poudel None 34 344223434423 y2 jhf Please enter the patient ID: 6</div><div>Please enter the patient ID: 6 -----Doctors Select----- Select the doctor that fits these symptoms: Enter the symptoms: fever fever ----- ID Full Name Speciality 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology Please enter the doctor ID: 3 The patient is now assign to the doctor.</div></div>	Passed

6	Relocate patient from one doctor to another	1.Run Program 2. Successful Login 3. Selection of option 5 in admin menu	Hospital Management system starts successfully, Successful Login. The program will ask admin to select an operation. Admin selects operation (5) and the id of patient to be shown. Patient id is entered and then doctor is selected from the list of doctors. Successful relocation of patient.	<div><pre>0 quit Option: 5 ---Relocate a patient from one doctor to another--- -----Patients----- ID Full Name Doctor's Full Name Age Mobile Postcode 1 anu poudel Jone Smith 34 344223434423 y2 jhf Please enter the patient ID: 1</pre></div> <div><pre>Please enter the patient ID: 1 -----Doctors Select----- ----- ID Full Name Speciality 1 John Smith Internal Med. 2 Jone Smith Pediatrics 3 Jone Carlos Cardiology Please enter the doctor ID: 3 The patient is now relocated to a new doctor. Choose the operation:</pre></div>	Passed
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7	Viewing the management report	1.Run Program 2. Successful Login. 3. Selection of option 6 in admin menu.	Hospital Management system starts successfully, Successful Login. The program will ask admin to select an operation. Admin selects option 6 and the report of management is shown.	 <pre> 8- Quit Option: 6 ---Management Report--- Total number of doctors : 3 Total number of patients : 7 Total number of patients per doctor : John Smith : 0 patients Total number of patients per doctor : Jone Smith : 1 patients Total number of patients per doctor : Jone Carlos : 0 patients Total number of appointments per month per doctor : John Smith : 0 appointments Total number of appointments per month per doctor : Jone Smith : 0 appointments Total number of appointments per month per doctor : Jone Carlos : 0 appointments Total number of patients based on the illness : 2 : 1 patients Total number of patients based on the illness : 3 : 1 patients </pre>	passed
8	Update Admin Details	1.Run Program 2. Successful Login 3. Selection of option 7 in admin menu	Hospital Management system starts successfully, Successful Login. The program will ask admin to select an operation. Admin selects operation 6 and the Admin Details will be displayed. Admin username, password and address will be asked for update.	 <pre> 8- Quit Option: 7 Choose the field to be updated: 1 Username 2 Password 3 Address Input: 2 Enter the new password: 234 Enter the new password again: 234 </pre>  <pre> Option: 7 Choose the field to be updated: 1 Username 2 Password 3 Address Input: 1 Enter new username: deep details updated </pre>	Passed

			Entering a new username, password and address will update admin details.	 <pre>Choose the field to be updated: 1 Username 2 Password 3 Address Input: 3 Enter new address: washington details updated</pre>	
9	GUI login	1.Run Program 2. GUI window Is shown 3. username and password are entered.	Hospital Management system starts, and a window is shown. The program will ask admin to enter username and password. On successful login another window with further options is shown.		Passed

					
10	Quit	1.Run Program 2.Successful Login 3.Selection of option 8 in admin menu	Hospital Management system starts successfully, Successful Login. The program will ask admin to select an operation. Admin selects performs all operation. Admin selects option 7 then the system will shutdown		Passed