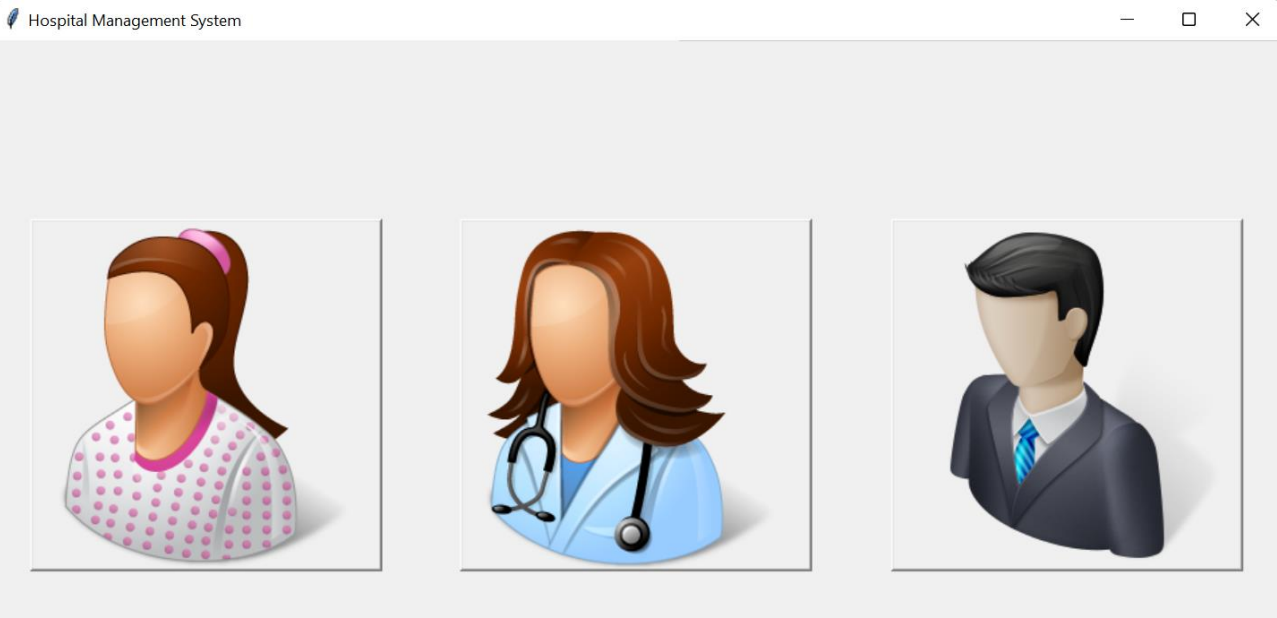
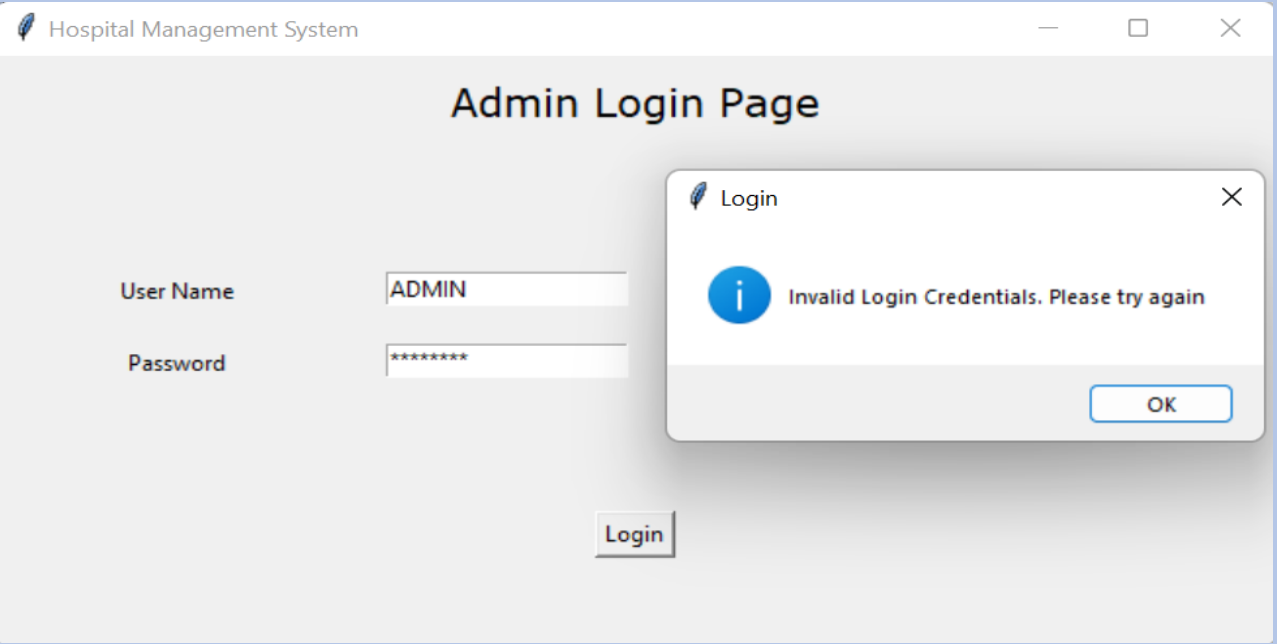
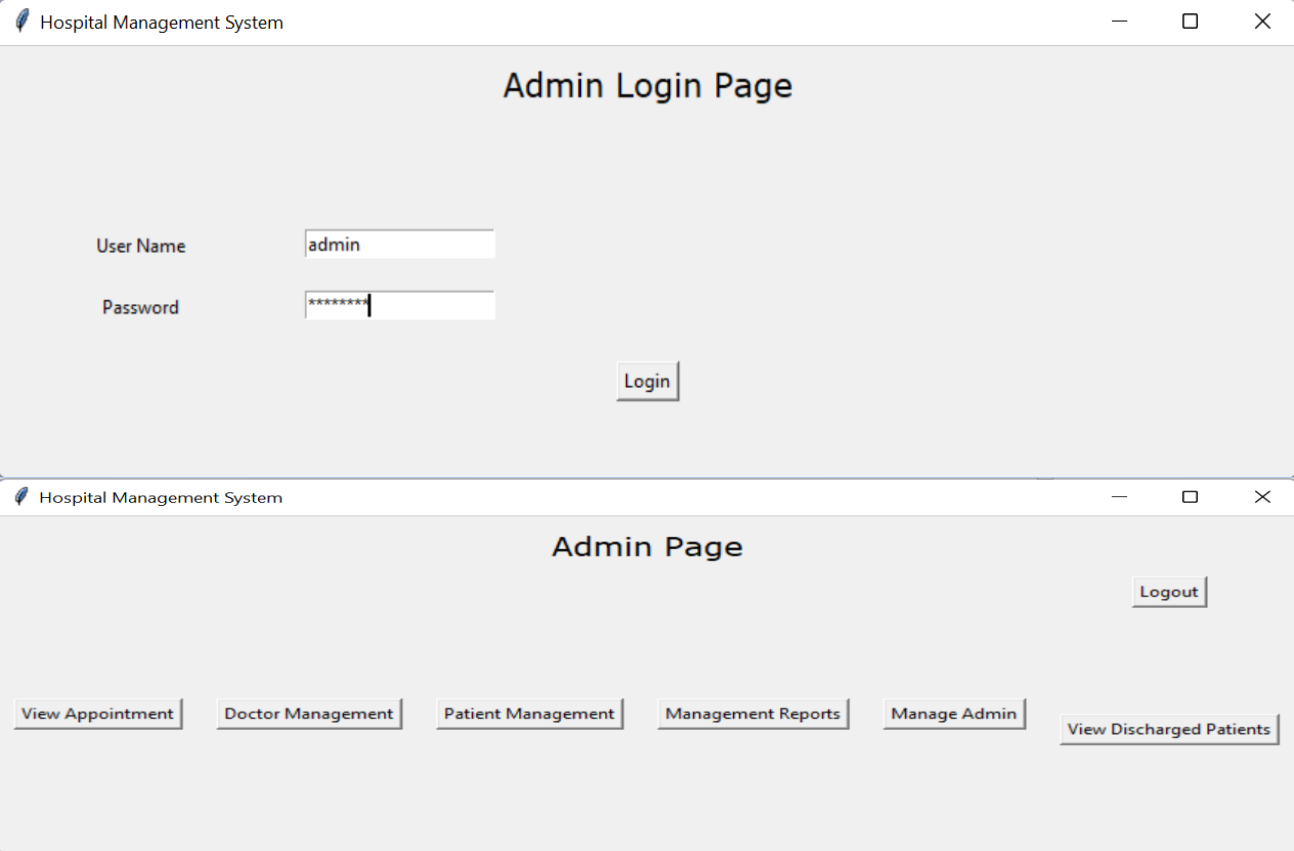


TEST ID	SOFTWARE FEATURES	STEPS	EXPECTED	ACTUAL RESULTS	FAIL/PASS
TC1	ADMIN LOGIN	<div><div>1. Run Programme, main.py</div><div>2. Click Admin Icon</div><div>3. Enter username: ADMIN</div><div>4. Enter password : PASSWORD</div><div>5. Click “Login” button</div><div>6. Pop-up prompt shows “Error : Invalid login Credentials”</div><div>7. Click “OK” or X symbol on top-right corner, to close pop-up</div></div>	<div>Hospital Management System App</div> <div>Starts successfully,</div> <div>and it shows a Landing page with</div> <div>Patient, Doctor, Admin.</div> <div>Admin selected, prompt to enter Username</div> <div>And Password.</div> <div>An incorrect username and password is entered(Password is</div> <div>masked for security reasons).</div> <div>Admin clicked the Login button.</div> <div>Error prompt pop-up displayed, as the ID and password is case</div> <div>sensitive.</div> <div>Admin clicked OK or close symbol to close the pop-up.</div>	<div>Username and password verified and validated.</div> <div></div> <div></div>	PASS

- 8. Re-enter Username : admin
- 9. Re-enter password: password
- 10. Click “Login” button
- 11. Admin Dashboard is displayed

Admin re-entered correct username and password.  
Admin clicked login, got logged in successfully.  
Admin can now access Admin Dashboard, showing all the admin specific functionalities.



TC2	REGISTER / VIEW DOCTOR	<div>1. Run programme, main.py</div> <div>2. Click Admin icon</div> <div>3. Login to using correct credentials</div> <div>4. Admin Dashboard displayed</div> <div>5. Select “Doctor Management”</div> <div>6. Select “Register Doctor”, on Doctor Management page</div>	<div>Hospital Management System App</div> <div>Starts successfully,</div> <div>and it shows a Landing page.</div> <div>Admin icon selected and admin logged in successfully.</div> <div>Admin Dashboard is displayed with various options.</div> <div>Admin selects “Doctor Management”, frame displays “Register Doctor ” or “View/Update/Delete Doctor”.</div> <div>Admin selects “Register Doctor”.</div>	<div><div><div>Hospital Management System</div><div>Admin Page</div><div>Logout</div><div><div>View Appointment</div><div>Doctor Management</div><div>Patient Management</div><div>Management Reports</div><div>Manage Admin</div><div>View Discharged Patients</div></div></div></div> <div><div><div>Hospital Management System</div><div>Doctor Management</div><div><div>Admin Home</div><div>Logout</div></div><div><div>Register Doctor</div><div>View / Update / Delete Doctor</div></div></div></div>	PASS
-----	------------------------	---	--	---	------

- 7. Doctor registration form displayed
- 8. Enter First Name\* : Christian
- 9. Enter Last Name\* : James
- 10. Click “Register Doctor”
- 11. Pop-up prompt “Error: Email cannot be empty”
- 12. Click “OK” or X symbol on top-right corner, to close pop-up

Registration form prompt to fill Doctor details.  
First name entered.  
Last name entered.  
Admin clicked “Register Doctor”, without filling other fields.  
Error pop-up appears asking to enter value in next field i.e. Email, as it is a mandatory field.  
“OK” button needs to be clicked to, continue filling the form.

Hospital Management System

First Name	<input type="text"/>	Last Name	<input type="text"/>
Email	<input type="text"/>	Age	<input type="text"/>
Address Line 1	<input type="text"/>	Address Line 2	<input type="text"/>
Post Code	<input type="text"/>	Speciality	<input type="text"/>
Contact Number	<input type="text"/>		

Hospital Management System

First Name	<input type="text" value="Christian"/>	Last Name	<input type="text" value="James"/>
Email	<input type="text"/>	Age	<input type="text"/>
Address Line 1	<input type="text"/>	Address Line 2	<input type="text"/>
Post Code	<input type="text"/>	Speciality	<input type="text"/>
Contact Number	<input type="text"/>		

Error

Email cannot be empty

- 13. Continue to enter email and other details
- 14. Enter Email\* : chrisj@yahoo.com
- 15. Enter Age\* :51
- 16. Enter Address Line 1\* : Brick Lane
- 17. Enter Address Line 2\* : Aston
- 18. Enter Postcode\* : AS3 45Y
- 19. Choose speciality from dropdown\* : Cardiology
- 20. Enter Contact Number\* : 123-456-789-5
- 21. Click “Register Doctor”  
( All the fields are validated at backend)
- 22. Pop-up prompt “Error: Contact number must be a number”
- 23. Click “OK” or X symbol on top-right corner, to close pop-up

All the \* fields are mandatory

Admin entered the doctor email\_ID.  
Doctor’s age is entered.  
Doctor’s address line 1 is entered.  
Doctor’s address line 2 is entered.  
Doctor’s postcode has been entered.  
Doctor’s speciality has been chosen from the list using dropdown menu.  
Admin enters doctor’s contact number as “123-456-789-5”  
Admin selects “Register Doctor” to submit, validation of input fields.  
Error encountered which Contact number field,  
Error displayed on pop-up, due to special characters in the contact number field.  
Click “OK” to close the pop-up and return to form with the input fields intact.

Hospital Management System

First Name

Christian

Email

chrisj@yahoo.com

Address Line 1

Brick Lane

Post Code

AS3 45Y

Contact Number

123-456-789-5

Last Name

James

Age

51

Address Line 2

Aston

Speciality

Cardiology

General - Fever, Flu etc

Dental

ENT - Ear, Nose, Throat

Cardiology

Respiratory

Digestive

Other

Back

Register Docto

Cancel

First Name

Christian

Last Name

James

Email

chrisj@yahoo.com

Age

51

Address Line 1

Aston

Post Code

AS3 45Y

Contact Number

123-456-789-5

Speciality

Cardiology

Error

Contact Number must be a number

OK

Register Docto

Cancel

Back

- 24. Re-enter Contact Number\* : 1234567895
- 25. Click “Register Doctor”
- 26. Pop-up with success message and Doctor\_ID displayed
- 27. Click “OK” or X symbol on top-right corner, to close pop-up
- 28. Refreshes the registration form to register another Doctor if needed.
- 29. Click “Back” to return to Admin’s Doctor Management Page

Re-entered Doctors contact number with numbers only.  
Button “Register Doctor” is clicked and all input fields validated successfully.  
Registration was successful.  
Pop-up shown with success message and Doctor\_ID.  
Click “OK” to close the pop-up and return to registration page.  
Registration form refreshes to blank input fields for Admin to enter new Doctor details.  
Admin clicked back button to return to Doctor Management Page to view and verify if new Doctor is added to our system.

Hospital Management System

First Name

Christian

Last Name

James

Email

chrisj@yahoo.com

Age

51

Address Line 1

Address Line 2

Aston

Post Code

Speciality

Cardiology

Contact Number

Doctor

f4055 - Doctor Registered Successfully

OK

Register Doctor

Cancel

Back

Hospital Management System

First Name

Last Name

Email

Age

Address Line 1

Address Line 2

Post Code

Speciality

Contact Number

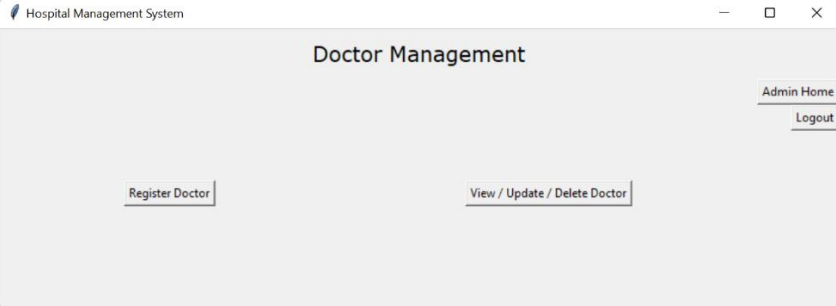
Register Doctor

Cancel

Back

- 30. Click “View/Update/Delete” to check if the doctor has been added to the system
- 31. Redirects to View a list of all the Doctors in the system.
- 32. New doctor Christian James has been added to this list
- 33. Click doctor name Christian James
- 34. Pop-up appears to view all other details of Christian James

Admin clicked “View/Update/Delete” on Doctor Management Page. Admin redirected to list of all the Doctors in the system with their Name, email, age, contact number, speciality and assigned patients. Admin verified new doctor Christian James has been added to the list. Admin selected and clicked doctor name Christian James. Admin got a pop-up appears with all the other details of the doctor.



First Name	Last Name	Email	Age	Contact Number	Speciality	Patients
Anvil	Tom	anvi@gmail.com	28	7405534994	Dental	{}
Helen	Keller	anvi@gmail.com	56	7405534234	Dental	{}
Helen	Keller	anvi@gmail.com	56	7405534294	Dental	{}
Helen	Keller	anvi@gmail.com	56	7405534314	Dental	{}
Catherine	Zeta	catherine.zeta@g	56	7360311234	Digestive	{}
Ling	Ma	maling@gmail.cc	39	7123456890	Cardiology	{}
Mi	Na	nami@yahoo.cor	23	7543210000	Cardiology	{}
Jenni	Lee	jlee@gmail.com	31	7000100012	Respiratory	{}
Alina	Sharma	alina@gmail.com	32	5678532789	Dental	{}
Christian	James	chrisj@yahoo.coi	51	1234567895	Cardiology	{}

First Name

Christian

Last Name

James

Email

chrisj@yahoo.com

Age

51

Address Line 1

Brick Lane

Address Line 2

Aston

Post Code

AS3 45Y

Speciality

Cardiology

Contact Number

1234567895

Update

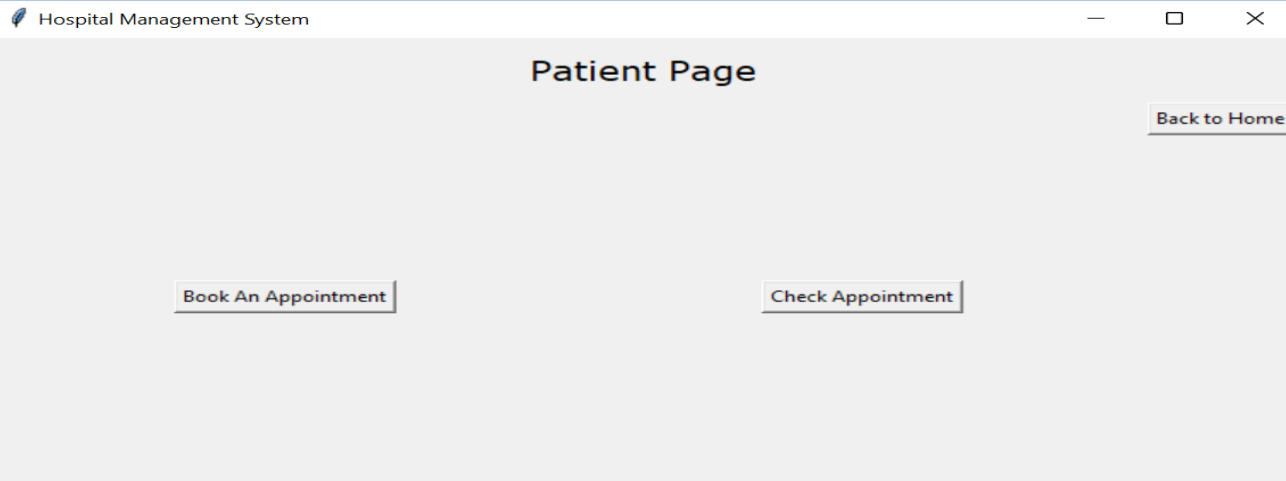
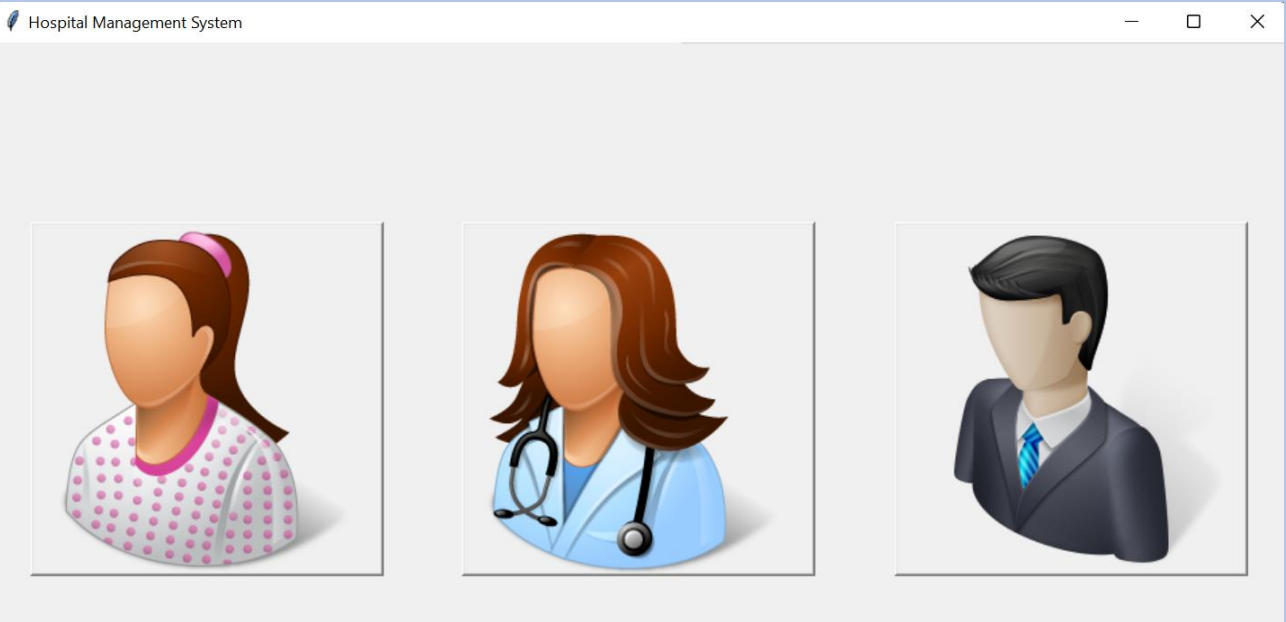
Delete

TC3

BOOK  
APPOINTMENT

- 1. Run programme, main.py
- 2. Click Patient icon
- 3. Patient Dashboard displayed
- 4. Click “Book Appointment”

Hospital Management System App  
Starts successfully,  
and it shows a Landing page.  
Patient icon selected, patient does not need a login.  
Patient dashboard is displayed.  
Book appointment button is clicked.



PASS



- 5. Book appointment form is displayed
- 6. Enter First Name\* : Bella
- 7. Enter Last Name\* : Justin
- 8. Enter Email\* : bellaj@gmail
- 9. Enter Age\*: 23
- 10. Enter Address Line1\* : Greenwich house
- 11. Enter Address Line2\* : Greenwich, London
- 12. Enter Postcode\* : GY 43RT
- 13. Choose symptoms from dropdown\* : Other
- 14. Enter Contact number\*: 8462735197
- 15. Admit request checkbox not selected(field is not mandatory)
- 16. Click “Book Appointment”
- 17. Pop-up prompt “Error: Email is not a valid email address”

18. Click “OK” or X symbol on top-right corner, to close pop-up

Redirected to Patient appointment booking form, where patient needs to enter their details.  
Patient First name entered.  
Patient Last name entered.  
Patient email\_ID entered, which is invalid missing .com.  
Patient age entered.  
Patient’s address line 1 is entered.  
Patient’s address line 2 is entered.  
Patient’s postcode has been entered.  
Patient’s choses his symptom from dropdown menu, he has symptom which is not in our list. So he chooses Other.  
Patient’s Contact number is entered.  
Patient does not want to request for admit it’s a non-mandatory field so doesn’t affect appointment booking procedure. Admit request is for emergency where immediate attention is needed.  
Patient click Book appointment button, to complete his booking.  
An error pop-up prompt appears with message that entered email\_ID is not valid.

Patient can click ok or close button “X” top-right corner of pop-up to close it.

Hospital Management System

Book Appointment

First Name

Bella

Last Name

Justin

Email

bellaj@gmail

Age

23

Address Line 1

Greenwich House

Address Line 2

Greenwich, London

Post Code

GY 43RT

Symptoms

Other

Contact Number

8462735197

Admit Request

☐ Admit

Book Appointme

Cancel

Error

Email is not a valid email address

OK

Hospital Management System

Book Appointment

First Name

Bella

Last Name

Justin

Email

bellaj@gmail.com

Age

23

Address Line 1

Greenwich House

Address Line 2

Greenwich, London

Post Code

GY 43RT

Symptoms

Other

Contact Number

846273519

Admit Request

☐ Admit

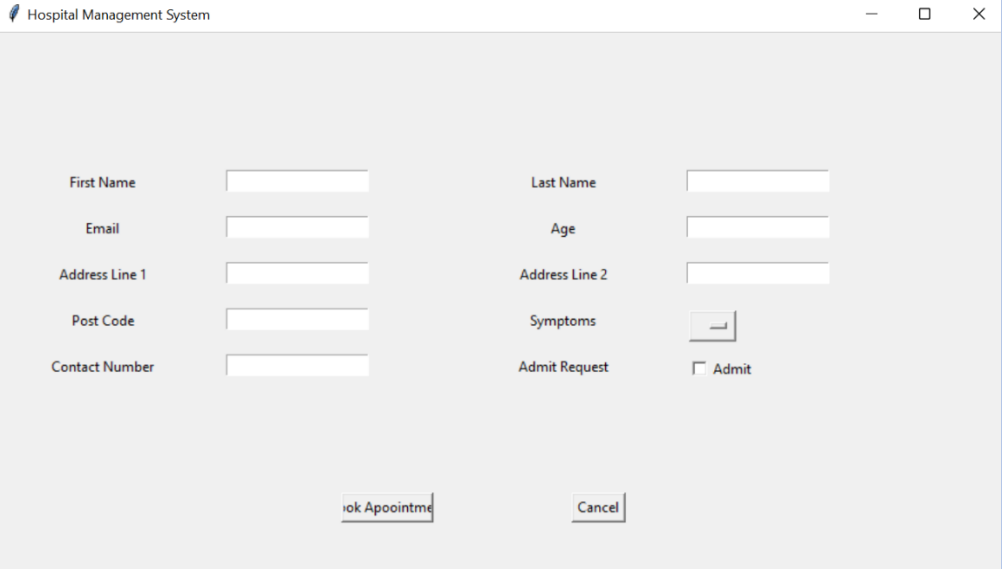
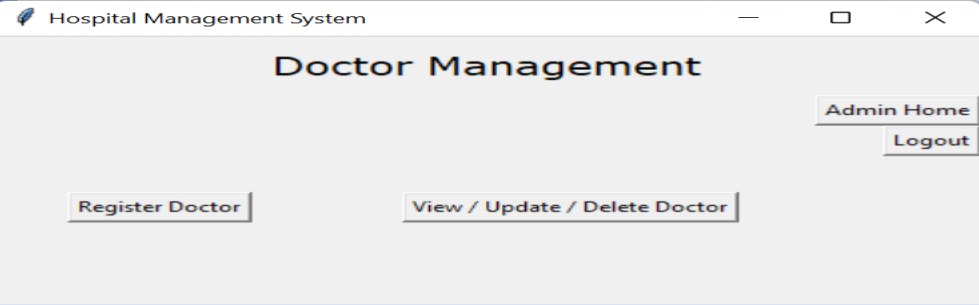
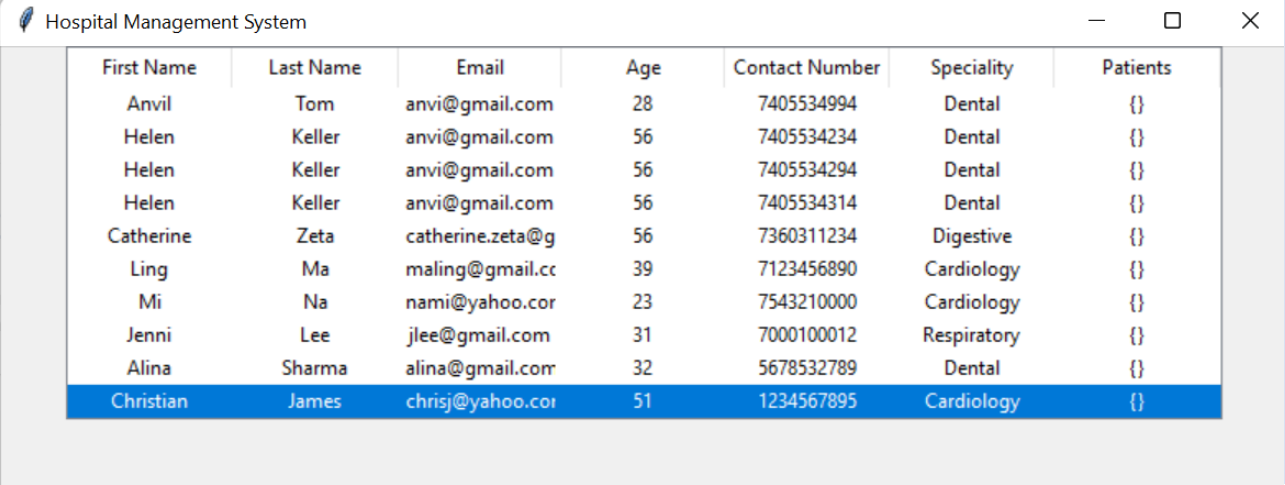
Book Appointme

Cancel

Appointment

b3972 - Appointment request sent to admin. The status will be notified via email/phone

OK

		<div>19. Return to appointment booking form and update the correct email ID to : bellaj@gmail.com</div> <div>20. Click “Book Appointment”</div> <div>21. Pop-up prompt with a success message and appointment_ID</div> <div>22. Click OK or close symbol to close the pop-up.</div>	<div>Patient reviews the booking form and update the correct email_ID i.e. bellaj@gmail.com.</div> <div>Then clicks book appointment to submit the form.</div> <div>A pop-up appears with an appointment_ID and success message, this ID can be used by patient to check his appointment status.</div> <div>Patient closes the pop-up and form refreshes with empty fields.</div>	<div></div>	
TC4	UPDATE/DELETE DOCTOR DETAILS	<div>1. Run programme, main.py</div> <div>2. Click Admin icon</div> <div>3. Login to using correct credentials</div> <div>4. Admin Dashboard displayed</div> <div>5. Select “Doctor Management”</div> <div>6. Select “View/Update/Delete Doctor”, on Doctor Management page</div> <div>7. Redirects to View a “List of Doctors” in the system.</div>	<div>Hospital Management System App</div> <div>Starts successfully,</div> <div>and it shows a Landing page.</div> <div>Admin icon selected and admin logged in successfully.</div> <div>Admin Dashboard is displayed with various options.</div> <div>Admin clicked “View/Update/Delete” on Doctor Management Page.</div> <div>Admin redirected to list of all the Doctors in the system with their Name, email, age, contact number, speciality and assigned patients.</div>	<div>Landing page and login portal can be viewed in previous testcases.</div> <div>Admin Dashboard can be viewed in previous testcases.</div> <div></div> <div></div>	PASS

- 8. Click and select the Doctor detail that needs to be updated, click : Christian James
- 9. Pop-up appears with all the details of doctor Christian James
- 10. Update Contact number : 6721890632
- 11. Click “Update”
- 12. Pop-up appears with success message
- 13. Click “OK” or close, to close the pop-up

Admin selected doctor Christian James to update the details.

Admin redirected to a pop-up with all the details of selected doctor.

Admin updated contact number of doctor Christian James, speciality of the doctor is set to be unchangeable.  
Admin clicked update button to submit the changes.  
Admin prompted with a pop-up with a success message.  
Admin clicked Ok to close the pop-up.

Hospital Management System

First Name

Christian

Last Name

James

Email

chrisj@yahoo.com

Age

51

Address Line 1

Brick Lane

Address Line 2

Aston

Post Code

AS3 45Y

Speciality

Cardiology

Contact Number

1234567895

Update

Delete

Hospital Management System

List of Doctors

Doctor ID	First Name	Last Name	Email	Age	Contact Number	Speciality	Patients
44cd9	Anvil	Tom	anvi@gmail.com	28	7405534994	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534234	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534294	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534314	Dental	{}
46637	Catherine	Zeta	catherine.zeta@g	56	7360311234	Digestive	{}
1aab3	Ling	Ma	maling@gmail.cc	39	7123456890	Cardiology	{}
77027	Mi	Na	nami@yahoo.cor	23	7543210000	Cardiology	{}
0575d	Jenni	Lee	jlee@gmail.com	31	7000100012	Respiratory	{}
437a7	Alina	Sharma	alina@gmail.com	32	5678532789	Dental	{}
f4055	Christian	James	chrisj@yahoo.cor	51	1234567895	Cardiology	{}

Doctor

i

f4055 - Doctor Updated Successfully

OK

Logout

Back Home

- 14. Redirects to refreshed list of doctors in the system
- 15. Click and select the Doctor detail that needs to be deleted, click : **Christian James**
- 16. Pop-up appears with all the details of doctor Christian James
- 17. Click “Delete”
- 18. Pop-up appears with success message and deleted doctor\_ID
- 19. Click “OK” or close, to close the pop-up

Admin automatically redirected to view the refreshed list of all doctors and changes have been updated.  
Admin clicked the doctor name to be deleted.  
Admin prompted with a pop-up showing all details of doctor Christian James.  
Admin clicked delete to remove doctor from our system.  
Pop-up appears showing deleted doctor ID and success message.  
Admin clicks “OK” to close the pop-up.

Hospital Management System

Doctor ID	First Name	Last Name	Email	Age	Contact Number	Speciality	Patients
44cd9	Anvil	Tom	anvi@gmail.com	28	7405534994	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534234	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534294	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534314	Dental	{}
46637	Catherine	Zeta	catherine.zeta@g	56	7360311234	Digestive	{}
1aab3	Ling	Ma	maling@gmail.cc	39	7123456890	Cardiology	{}
77027	Mi	Na	nami@yahoo.cor	23	7543210000	Cardiology	{}
0575d	Jenni	Lee	jlee@gmail.com	31	7000100012	Respiratory	{}
437a7	Alina	Sharma	alina@gmail.com	32	5678532789	Dental	{}
f4055	Christian	James	chrisj@yahoo.cor	51	6721890632	Cardiology	{}

Hospital Management System

Hospital Management System

Doctor ID	First Name	Last Name	Email	Age	Contact Number	Speciality	Patients
44cd9	Anvil	Tom	anvi@gmail.com	28	7405534994	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534234	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534294	Dental	{}
44cd9	Helen	Keller	anvi@gmail.com	56	7405534314	Dental	{}
46637	Catherine	Zeta	catherine.zeta@g	56	7360311234	Digestive	{}
1aab3	Ling	Ma	maling@gmail.cc	39	7123456890	Cardiology	{}
77027	Mi	Na	nami@yahoo.cor	23	7543210000	Cardiology	{}
0575d	Jenni	Lee	jlee@gmail.com	31	7000100012	Respiratory	{}
437a7	Alina	Sharma	alina@gmail.com	32	5678532789	Dental	{}
f4055	Christian	James	chrisj@yahoo.cor				{}

Doctor

f4055 Doctor Deleted Successfully

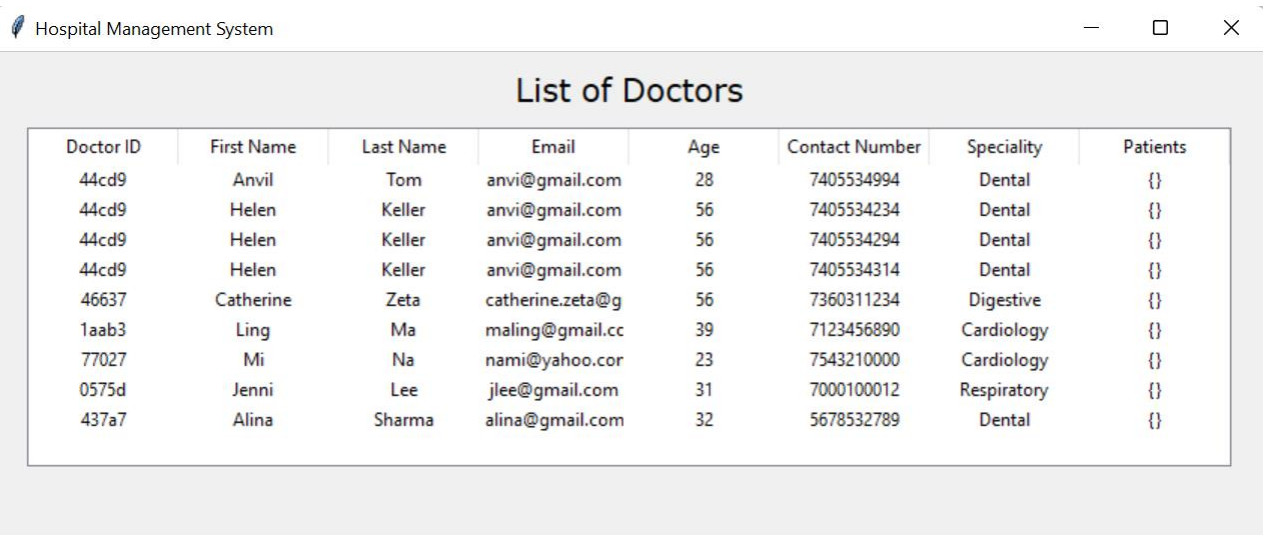
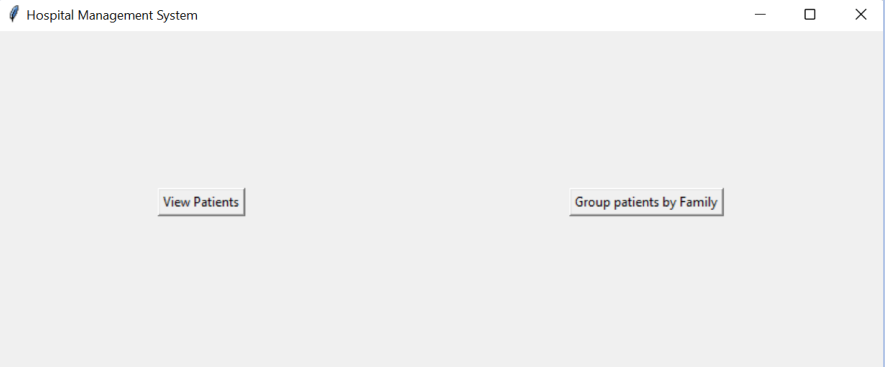
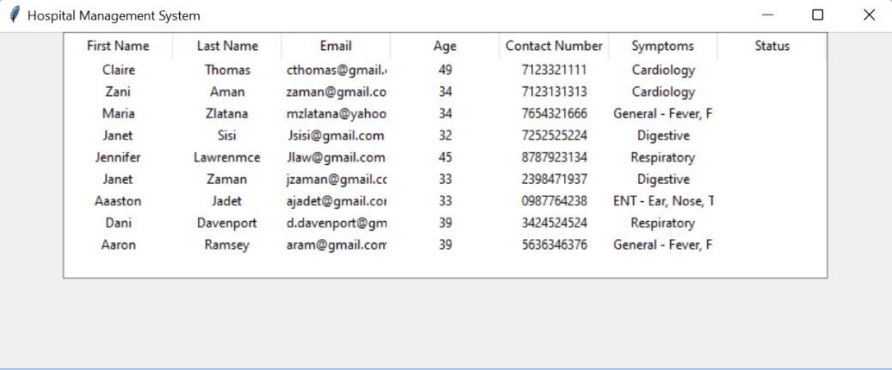
OK

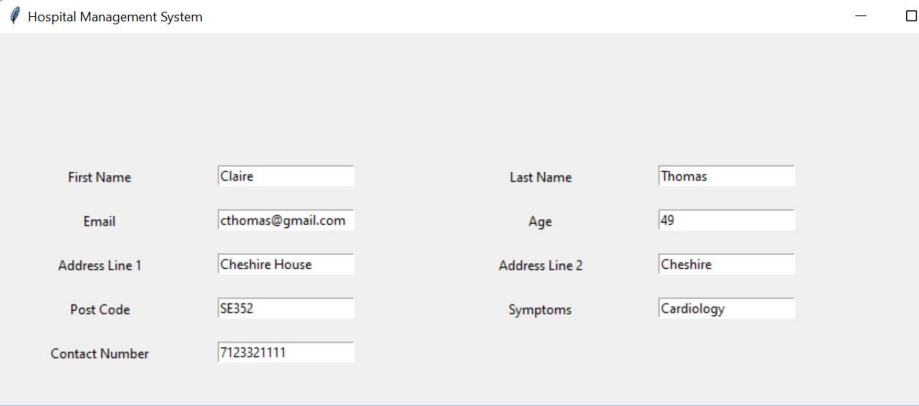
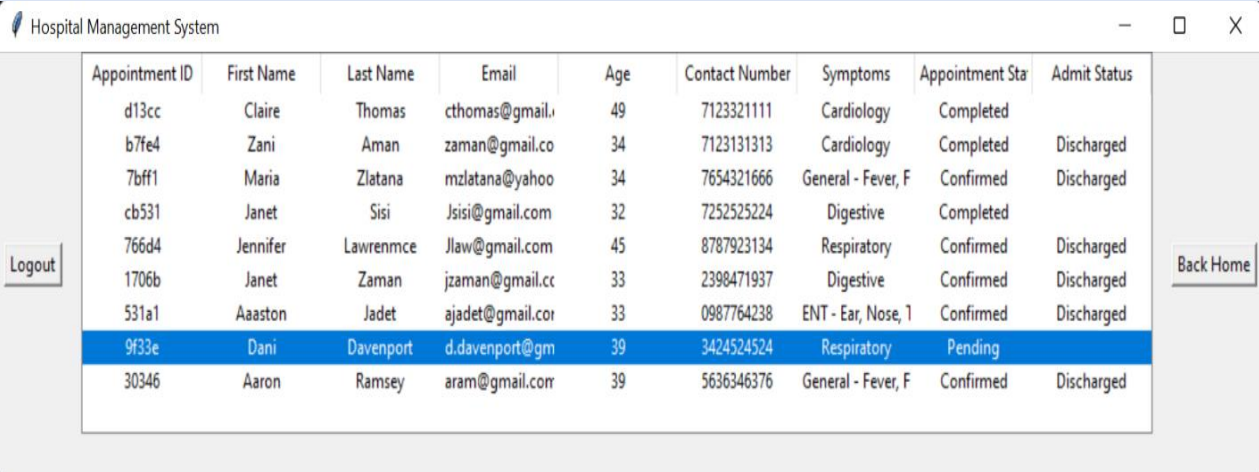
Update

Delete

AS3 45V

1234567895

		20. Redirects to refreshed list of doctors	Admin redirected to refreshed List of Doctors, with Christian James record deleted.		
TC5	VIEW PATIENTS	<ol style="list-style-type: none"><li>Run programme, main.py</li><li>Click Admin icon</li><li>Login to using correct credentials</li><li>Admin Dashboard displayed</li><li>Select “Patient Management”</li><li>Click “View Patients”</li><li>A List of all patients appear</li></ol>	<p>Hospital Management System App Starts successfully, and it shows a Landing page.</p> <p>Admin icon selected and admin logged in successfully. Admin Dashboard is displayed with various options.</p> <p>Admin clicked “Patient Management” on admin dashboard.</p> <p>Admin redirected to Patient Management page and clicked view patients.</p> <p>Admin can view list of all the existing patients in the system.</p>	<p>Landing page and login portal can be viewed in previous testcases.</p> <p>Admin dashboard can be viewed in previous testcases.</p> <p>Patient Management Page:</p>  	PASS

		<div>8. Click name of a patient : <b>Claire Thomas</b></div> <div>9. Pop-up appears with details of Claire Thomas</div> <div>10. Click close on top-right corner to exit the pop-up</div> <div>11. Redirected back to List of all the patients</div>	<div>Admin clicked name of a patient to view all the details of a patient.</div> <div>Admin reviewed the data and closed out of the pop-up.</div> <div>Admin returns to the List of patients page.</div>	<div></div>	
<div>TC6</div>	<div>CONFIRM PENDING APPOINTMENT/ ASSIGN DOCTOR</div>	<div>1. Run programme, main.py</div> <div>2. Click Admin icon</div> <div>3. Login to using correct credentials</div> <div>4. Admin Dashboard displayed</div> <div>5. Select “View Appointment”</div> <div>6. Click <b>“Dani Davenport”</b></div>	<div>Hospital Management System App</div> <div>Starts successfully,</div> <div>and it shows a Landing page.</div> <div>Admin icon selected and admin logged in successfully.</div> <div>Admin Dashboard is displayed with various options.</div> <div>Admin clicked “View Appointment” on admin dashboard.</div> <div>Admin redirected to list of patients, where their appointment status is visible.</div> <div>Admin clicked patient <b>Dani Davenport</b> with appointment status “Pending”.</div>	<div>Landing page and login portal can be viewed in previous testcases.</div> <div>Admin dashboard can be viewed in previous testcases.</div> <div>View Appointment Page:</div> <div></div>	<div>PASS</div>

- 7. Pop-up with Patient details
- 8. Click “Assign Doctor”
- 9. Select “Jenni Lee(0575d)”
- 10. Click “Pick a Date”

Admin prompted with a pop-up showing Dani Davenport’s details. Click dropdown “Assign Doctor” and select available doctor Jenni Lee(0575d) specialized in the field basis patient symptoms. Click Pick a date option to select appointment date for the patient. Pop-up prompt shows to select date, month and year, to set an appointment.

Hospital Management System

First Name

Dani

Last Name

Davenport

Email

d.davenport@gmail.co

Age

39

Address Line 1

Devons

Address Line 2

Londonshire

Post Code

LN3435

Symptoms

Respiratory

Contact Number

3424524524

Assign Doctor

Jenni Lee (0575d)

Appointment Date

Pick a date

Confirm

Hospital Management System

First Name

Dani

Last Name

Davenport

Email

d.davenport@gmail.co

Age

39

Address Line 1

Devons

Address Line 2

Londonshire

Post Code

LN3435

Symptoms

Respiratory

Contact Number

3424524524

Assign Doctor

Jenni Lee (0575d)

Appointment Date

Pick a date

Confirm

Hospital Management System

Day:

28

Month:

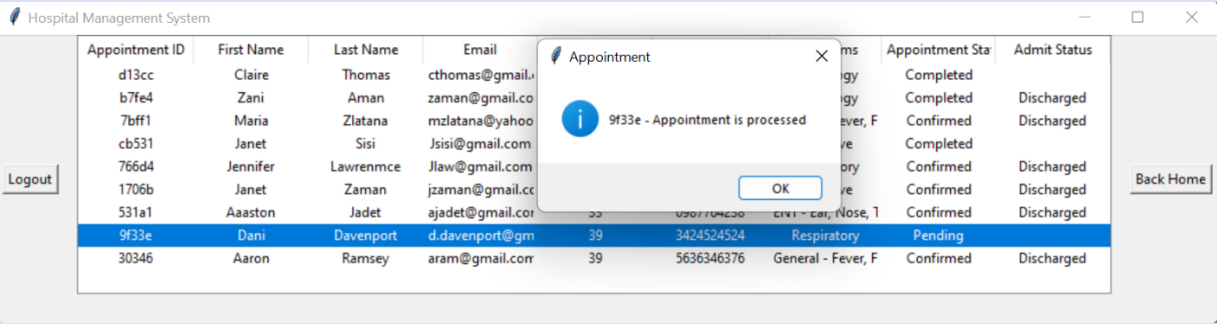
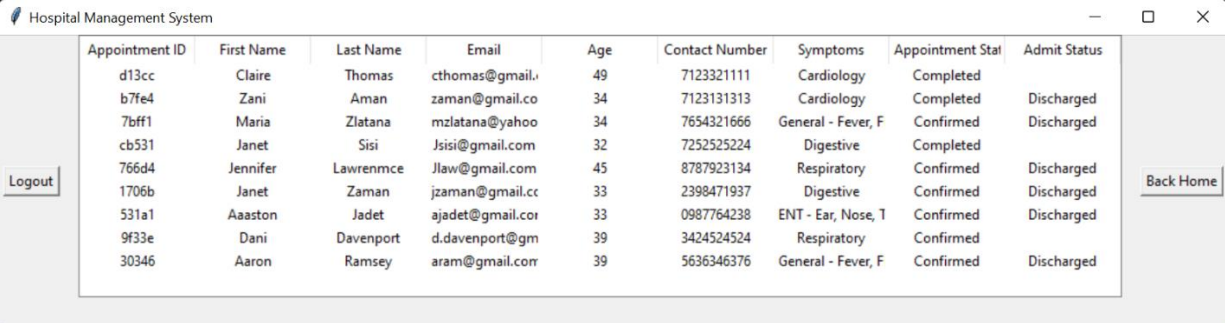
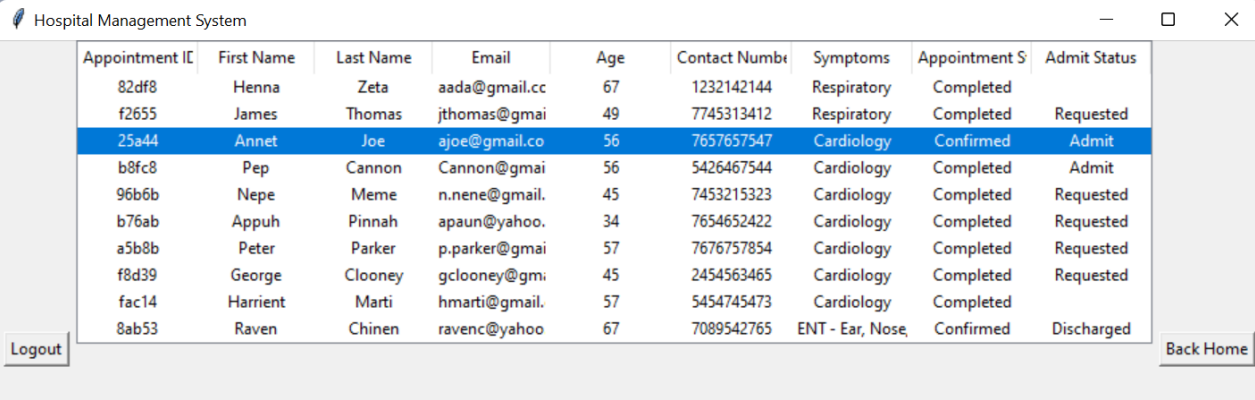
January

Year:

2023

Submit



		<div>11. Click “Submit”</div> <div>12. Click “Confirm” on Patient details page</div> <div>13. Redirected to List of patient</div> <div>14. Appointment Status updated to “Confirmed”</div>	<div>Admin clicked then click submit and confirm on patient page.</div> <div>Pop-up closes down and redirected to Patient details page, where admin clicked confirm to assign doctor and set an appointment date.</div> <div>Admin redirected to the page with list of patients.</div> <div>Admin reviewed the appointment status on list of patients change to “confirmed”.</div>	<div>After clicking Submit and Confirm:</div> <div></div> <div></div>	
TC7	DISCHARGE PATIENT/ VIEW DISCHARGED PATIENT	<div>1. Run programme, main.py</div> <div>2. Click Admin icon</div> <div>3. Login to using correct credentials</div> <div>4. Admin Dashboard displayed</div> <div>5. Select “View Appointment”</div> <div>6. Click “Annet Joe”</div>	<div>Hospital Management System App</div> <div>Starts successfully,</div> <div>and it shows a Landing page.</div> <div>Admin icon selected and admin logged in successfully.</div> <div>Admin Dashboard is displayed with various options.</div> <div>Admin clicked “View Appointment” on admin dashboard and admin redirected to list of patients.</div> <div>Admin clicked patient Annet Joe, with appointment status “Confirmed” and admit status “Admit”.</div>	<div>Landing page and login portal can be viewed in previous testcases.</div> <div>Admin dashboard can be viewed in previous testcases.</div> <div>List of patients :</div> <div></div>	PASS



- 7. Pop-up with Patient details
- 8. Click the checkbox for “Discharge”
- 9. Click “Confirm”
- 10. Pop-up appears click OK or close
- 11. Click “Annet Joe”

Prompt pop-up appears with all the patient details with 2 extra options to Discharge and Close appointment.

Admin checked “Discharge” option, to discharge the patient.

Admin clicked “confirm” button to submit the changes.

Pop-up appears confirming the changes with appointment\_ID, admin clicked OK and redirected to the list of patients where admit status updates to “Discharged”.

Admin clicked patient Annet Joe, with appointment status

Hospital Management System

First Name

Annet

Last Name

Joe

Email

ajoe@gmail.com

Age

56

Address Line 1

Bracken House

Address Line 2

Bromley

Post Code

BG656

Symptoms

Cardiology

Contact Number

7657657547

Assign Doctor

Ling Ma (1aab3)

☒ Discharge

☐ Close Appointment

Confirm

Hospital Management System

Appointment ID	First Name	Last Name	Email	Age	Contact Number	Symptoms	Appointment Status	Admit Status
82df8	Henna	Zeta	aada@gmail.cc	67			Completed	Requested
f2655	James	Thomas	jthomas@gmail	49			Completed	Requested
25a44	Annet	Joe	ajoe@gmail.co	56			Completed	Admit
b8fc8	Pep	Cannon	Cannon@gmail	56			Completed	Admit
96b6b	Nepe	Meme	n.nene@gmail.	45			Completed	Requested
b76ab	Appuh	Pinnah	apaun@yahoo.	34			Completed	Requested
a5b8b	Peter	Parker	p.parker@gmail	57			Completed	Requested
f8d39	George	Clooney	gclooney@gmail	45	2454563465	Cardiology	Completed	Requested
fac14	Harrient	Marti	hmarti@gmail.	57	5454745473	Cardiology	Completed	Requested
8ab53	Raven	Chinen	ravenc@yahoo	67	7089542765	ENT - Ear, Nose	Confirmed	Discharged

Appointment is processed

OK

Logout

Back Home

Hospital Management System

Appointment ID	First Name	Last Name	Email	Age	Contact Number	Symptoms	Appointment Status	Admit Status
f2655	James	Thomas	jthomas@gmail.c	49	7745313412	Respiratory	Completed	Requested
25a44	Annet	Joe	ajoe@gmail.com	56	7657657547	Cardiology	Confirmed	Discharged
b8fc8	Pep	Cannon	Cannon@gmail.c	56	5426467544	Cardiology	Completed	Admit
96b6b	Nepe	Meme	n.nene@gmail.co	45	7453215323	Cardiology	Completed	Requested
b76ab	Appuh	Pinnah	apaun@yahoo.co	34	7654652422	Cardiology	Completed	Requested
a5b8b	Peter	Parker	p.parker@gmail.c	57	7676757854	Cardiology	Completed	Requested
f8d39	George	Clooney	gclooney@gmail.	45	2454563465	Cardiology	Completed	Requested
fac14	Harrient	Marti	hmarti@gmail.co	57	5454745473	Cardiology	Completed	Requested
8ab53	Raven	Chinen	ravenc@yahoo.cc	67	7089542765	ENT - Ear, Nose, T	Confirmed	Discharged
d5355	Raveen	Keith	raveen@gmail.co	56	6045389712	Respiratory	Pending	Requested

Logout

Back Home

- 12. Pop-up with Patient details
- 13. Click the checkbox for “Close Appointment”
- 14. Click close on top-right corner
- 15. Redirected to list of patients appointment status changed to “Completed”
- 16. Click “Back” to return to Admin Dashboard
- 17. Click “View Discharged Patients”
- 18. Displays the list of all the discharged patients

“Confirmed” and admit status “Discharged”.

Admin checked “Close Appointment” option, to close file of the patient.

Admin clicked close on top-right corner to exit the frame.

Admin redirected to the list of patients where appointment status updates to “Completed”.

Admin clicked back button to return to the Dashboard, to review the discharged patient list.

Admin clicked View Discharged Patients.

Admin redirected to list of all the discharged patients.

Hospital Management System

First Name

Annet

Last Name

Joe

Email

ajoe@gmail.com

Age

56

Address Line 1

Bracken House

Address Line 2

Bromley

Post Code

BG656

Symptoms

Cardiology

Contact Number

7657657547

Assign Doctor

Ling Ma (1aab3)

☒ Close Appointment

Hospital Management System

Appointment ID	First Name	Last Name	Email	Age	Contact Number	Symptoms	Appointment Stal	Admit Status
9f33e	Dani	Davenport	d.davenport@gm	39	3424524524	Respiratory	Confirmed	
30346	Aaron	Ramsey	aram@gmail.com	39	5636346376	General - Fever, F	Confirmed	Discharged
dee2e	Zaman	Zoe	zzoe@gmail.com	65	7452523448	ENT - Ear, Nose, T	Completed	Requested
075b5	Paul	Kavanaugh	pkava@gmail.com	51	7325251515	Respiratory	Confirmed	Requested
9cdd7	Maike	Jakob	mjacobs@gmail.c	45	9876473562	Respiratory	Confirmed	Requested
e9c0b	Alwin	Chip	achip@gmail.com	34	8765786569	Respiratory	Completed	Admit
82df8	Henna	Zeta	aada@gmail.com	67	1232142144	Respiratory	Completed	
f2655	James	Thomas	jthomas@gmail.c	49	7745313412	Respiratory	Completed	Requested
25a44	Annet	Joe	ajoe@gmail.com	56	7657657547	Cardiology	Completed	Discharged
b8fc8	Pep	Cannon	Cannon@gmail.c	56	5426467544	Cardiology	Completed	Admit

Logout

Back Home

Hospital Management System

Discharged Patients

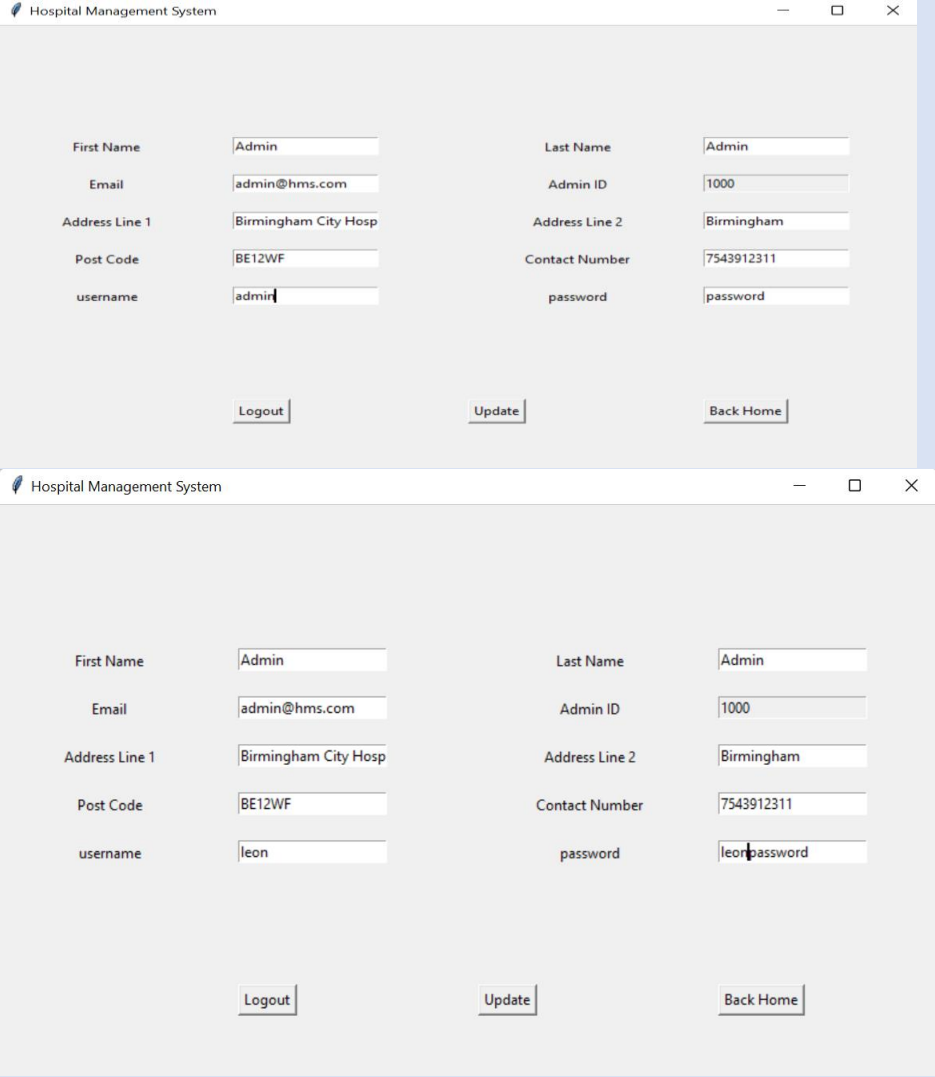
First Name	Last Name	Email	Age	Contact Number	Symptoms	Admit
Janet	Zaman	jzaman@gmail.cc	33	2398471937	Digestive	Discharged
Aaston	Jadet	ajadet@gmail.com	33	0987764238	ENT - Ear, Nose, T	Discharged
Aaron	Ramsey	aram@gmail.com	39	5636346376	General - Fever, F	Discharged
Zaman	Zoe	zzoe@gmail.com	65	7452525448	ENT - Ear, Nose, T	Discharged
Alwin	Chip	achip@gmail.com	34	8765786569	Respiratory	Discharged
Annet	Joe	ajoe@gmail.com	56	7657657547	Cardiology	Discharged
Raven	Chinen	ravenc@yahoo.cc	67	7089542765	ENT - Ear, Nose, T	Discharged

MANAGE ADMIN

1. Run programme, main.py
2. Click Admin icon
3. Login to using correct credentials
4. Admin Dashboard displayed
5. Select “Manage Admin”
6. Redirects to update admin information, username and password
7. Enter new username: leon
8. Enter new password: leonpassword
9. Click “Update”

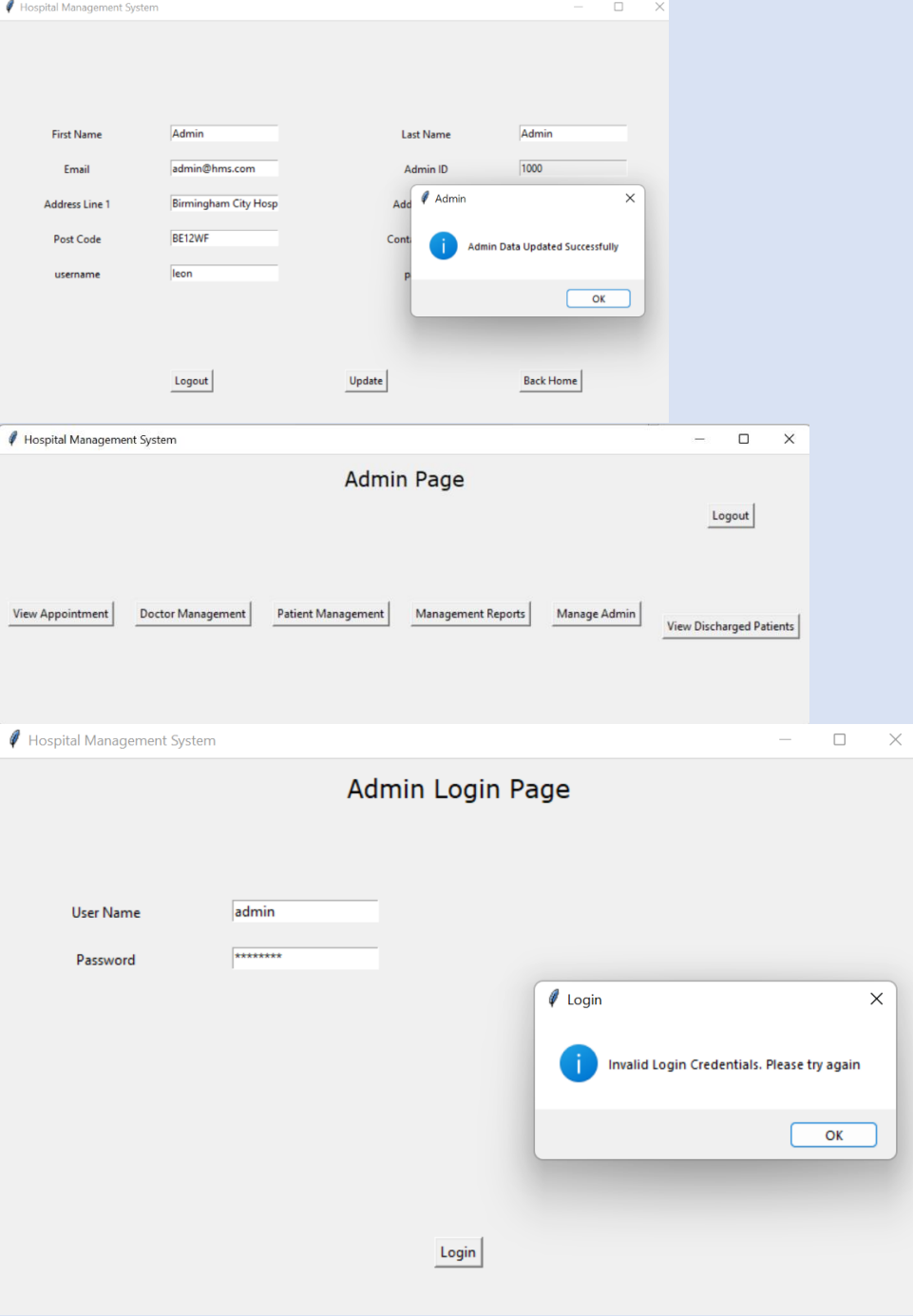
Hospital Management System App  
Starts successfully,  
and it shows a Landing page.  
Admin icon selected and admin logged in successfully.  
Admin Dashboard is displayed with various options.  
Admin clicked “Manage Admin” on admin dashboard.  
Admin redirected to all the admin details including admin username and password to view or update.  
Admin changes the username from “admin” to “leon”.  
Admin changes the password from “password” to “leonpassword”.  
Admin clicked Update button to apply the changes.

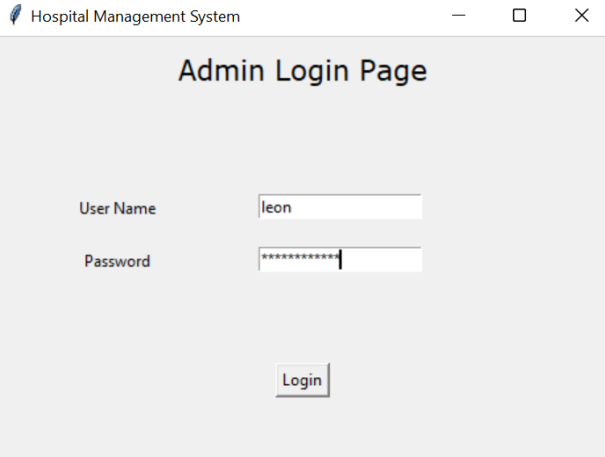
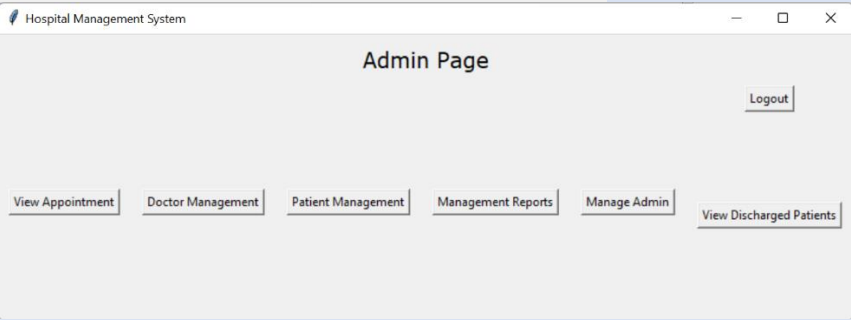
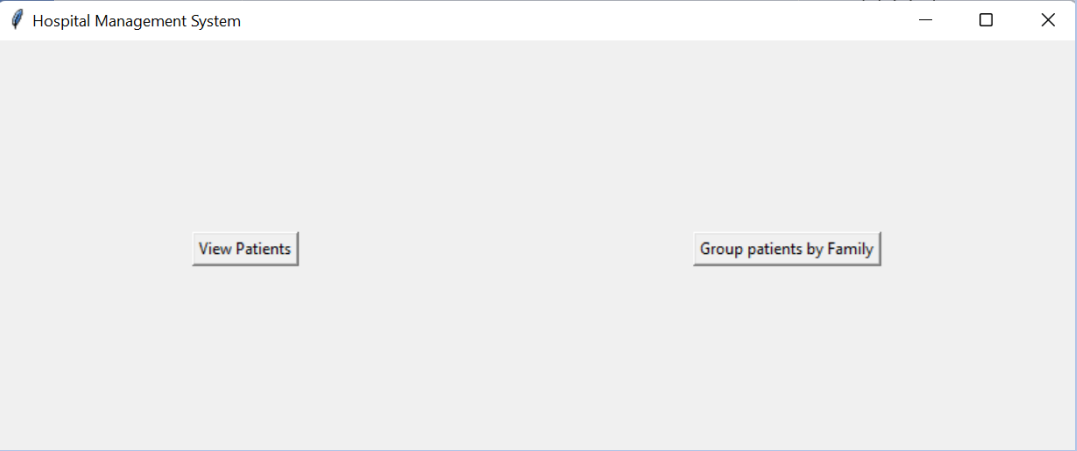
Landing page and login portal can be viewed in previous testcases.  
Admin dashboard can be viewed in previous testcases.



- 10. Pop-up with a success message
- 11. Click “OK”
- 12. Click “Back Home”
- 13. Click “Logout”
- 14. Return to Admin login page, enter old username and password
- 15. Enter old username: admin
- 16. Enter new password: password
- 17. Click “Login”
- 18. Pop-up with error message: Invalid Login Credentials

Admin gets a pop-up prompt that details got updated successfully.  
Admin clicked OK button to exit the success message.  
Admin clicked “Back Home” to return to admin dashboard.  
Admin clicked “Logout” to return to the login page.  
Admin entered old username “admin”.  
Admin entered old password “password”.  
Admin clicked login to access the dashboard.  
Admin prompted with error message that credentials are invalid.



		<div>19. Re-enter new username: leon</div> <div>20. Re-enter new password: leonpassword</div> <div>21. Click “Login“</div> <div>22. Login success. Displays Admin Dashboard</div>	<div>Admin prompted to re-enter login credentials, re-entered new username “leon”.</div> <div>Admin entered new password “leonpassword”.</div> <div>Admin clicked login and got logged in successfully.</div> <div>Admin got access to the dashboard.</div>	<div><p>The screenshot shows the 'Admin Login Page' of the 'Hospital Management System'. It features a title bar with the system name and standard window controls. The page has a light gray background with the title 'Admin Login Page' at the top. Below the title, there are two input fields: 'User Name' containing the text 'leon' and 'Password' containing a masked password '*****'. A 'Login' button is positioned below these fields.</p></div> <div><p>The screenshot shows the 'Admin Page' of the 'Hospital Management System'. It features a title bar with the system name and standard window controls. The page has a light gray background with the title 'Admin Page' at the top. On the right side, there is a 'Logout' button. Below the title, there is a horizontal row of six buttons: 'View Appointment', 'Doctor Management', 'Patient Management', 'Management Reports', 'Manage Admin', and 'View Discharged Patients'.</p></div>	
TC9	GROUP BY FAMILY	<div>1. Run programme, main.py</div> <div>2. Click Admin icon</div> <div>3. Login to using correct credentials</div> <div>4. Admin Dashboard displayed</div> <div>5. Select “Patient Management”</div> <div>6. Click “Group Patients by Family”</div>	<div>Hospital Management System App</div> <div>Starts successfully,</div> <div>and it shows a Landing page.</div> <div>Admin icon selected and admin logged in successfully.</div> <div>Admin Dashboard is displayed with various options.</div> <div>Admin clicked “Patient Management” on admin dashboard.</div> <div>Admin redirected to manage patient dashboard and clicked “Group Patients by Family”.</div>	<div>Landing page and login portal can be viewed in previous testcases.</div> <div>Admin dashboard can be viewed in previous testcases.</div> <div><p>The screenshot shows the 'Patient Management' page of the 'Hospital Management System'. It features a title bar with the system name and standard window controls. The page has a light gray background. At the bottom, there are two buttons: 'View Patients' on the left and 'Group patients by Family' on the right.</p></div>	PASS

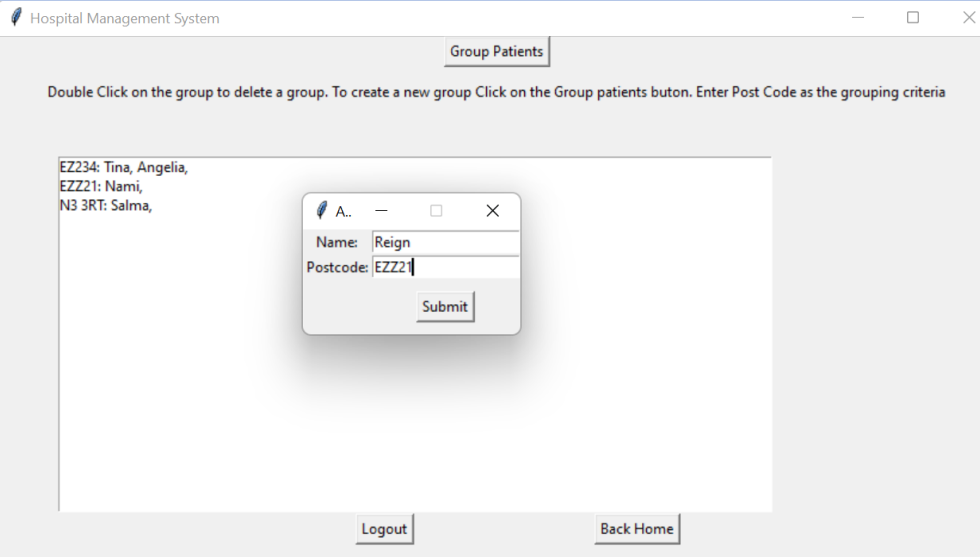
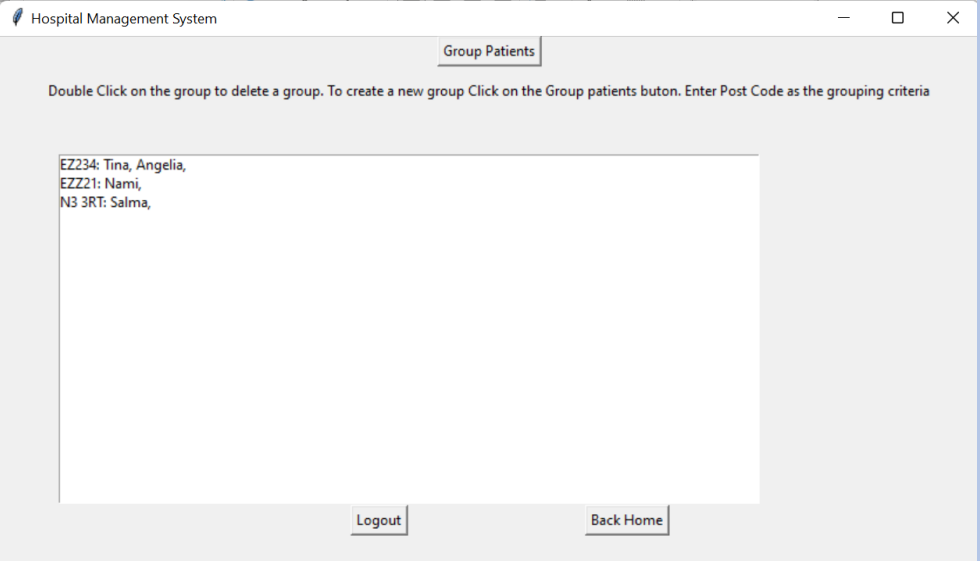
- 7. Redirect to Group Patients Page, click “Group Patients”
- 8. Pop-up appears, Enter Name: Reign
- 9. Enter Postcode: EZZ21
- 10. Click “Submit”

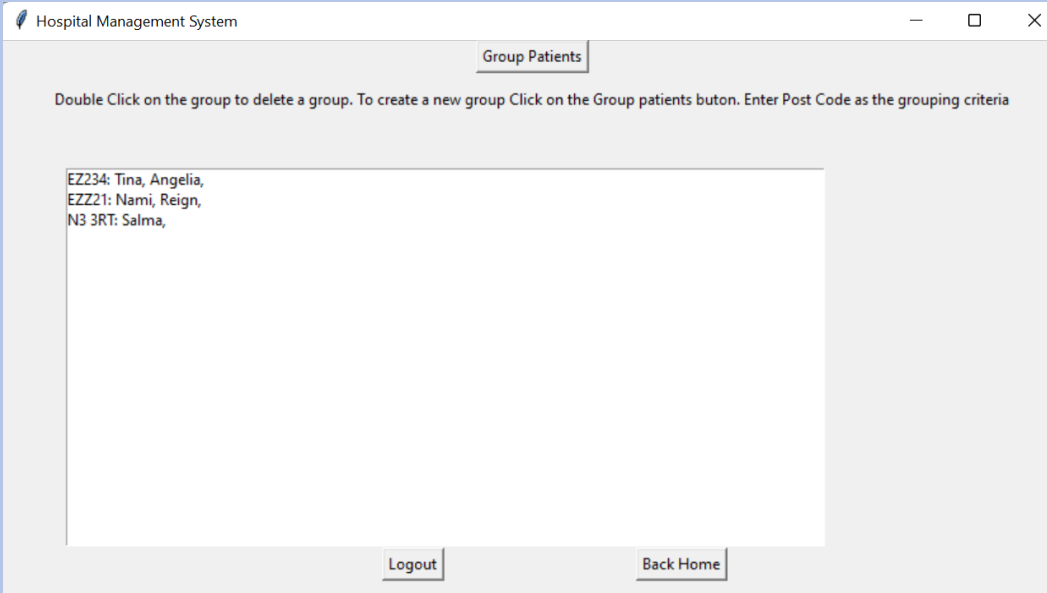
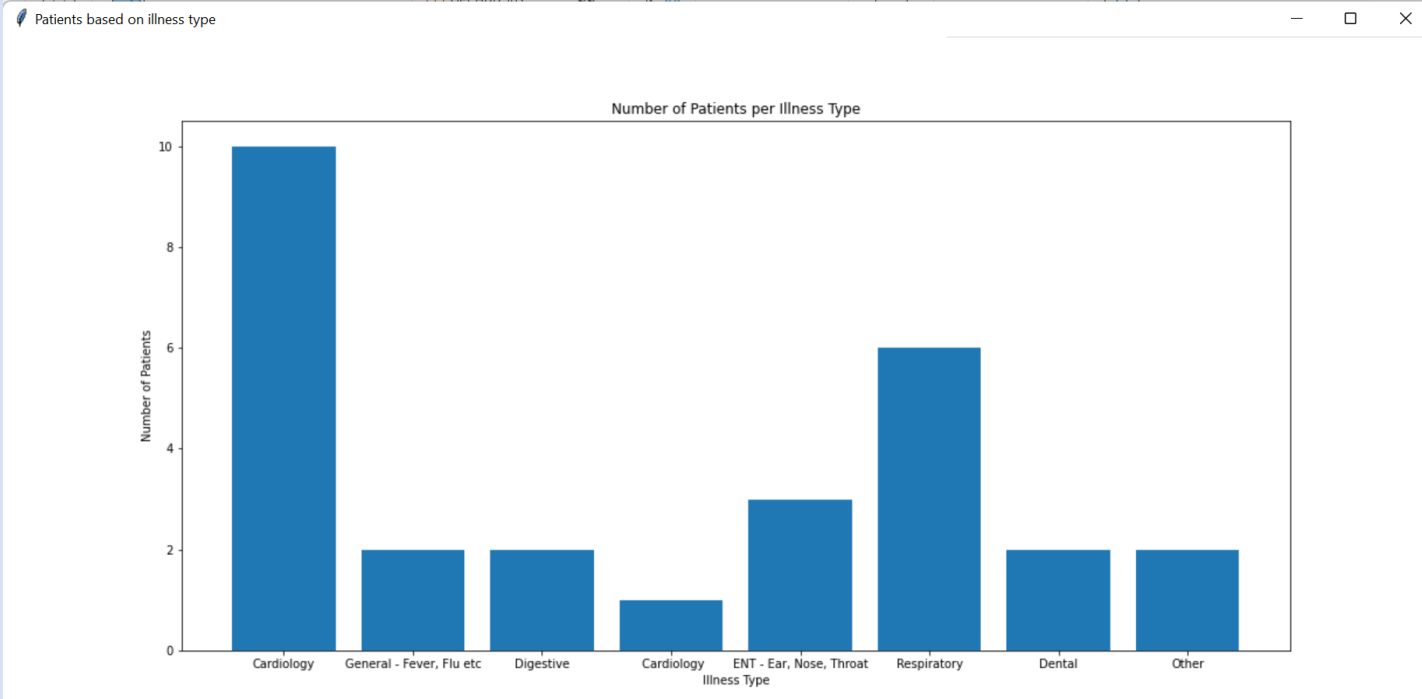
Admin redirected to frame to group patients and clicked “Group Patients” button.

Admin prompted with a pop-up which asked to enter name of patient, entered Reign.

Admin entered postcode of the patient, EZZ21.

Admin clicked submit button to update the changes.



		11. Regn added to the list	Changes updated, Reign added to the list as family member of a existing patient Nami, in the same row. Group has been formed by checking the postcode.		
TC10	MANAGEMENT REPORT	<ol style="list-style-type: none"><li>1. Run programme, main.py</li><li>2. Click Admin icon</li><li>3. Login to using correct credentials</li><li>4. Admin Dashboard displayed</li><li>5. Select "Management Reports"</li><li>6. Click "Patients by Illness Type"</li><li>7. Pop-up appears, with a bar chart on it.</li><li>8. Click close on top-right corner.</li><li>9. Click "Admin Home"</li><li>10. Click "Logout"</li></ol>	<p>Hospital Management System App Starts successfully, and it shows a Landing page.</p> <p>Admin icon selected and admin logged in successfully.</p> <p>Admin Dashboard is displayed with various options.</p> <p>Admin clicked "Management Reports" on admin dashboard.</p> <p>Admin clicked "Patients by Illness Type" to view number of patients to have each illness type.</p> <p>Admin prompted with a pop-up representing bar chart for Number of patients vs Illness type.</p> <p>Admin closed the bar chart window.</p> <p>Admin clicked "Admin Home" to return to the dashboard.</p> <p>Admin clicked "Logout" to logout of admin account.</p>	<p>Landing page and login portal can be viewed in previous testcases.</p> <p>Admin dashboard can be viewed in previous testcases.</p> 	PASS

- 11. Click patent icon
- 12. Enter new patient details to book appointment, as shown in TC3
- 13. Click “Cancel”
- 14. Click “Admin icon” and login, as shown in TC1
- 15. Click “View appointments” and confirm request, as shown in TC6
- 16. Click “Back Home”

Click patient icon, to open patient dashboard. Then, click Book appointment as shown in TC3.

Enter details of a patient “Marlyn Keith” with symptom “Dental” and submit request to book appointment.

Clicked cancel button on book appointment page to return to Landing page.

Admin logged in to his account as shown in TC1.

Admin clicked “View appointments” to confirm the appointment request as shown in TC6.

Appointment status for “Marlyn Keith” changed from pending to confirmed.

Admin clicked “Back Home” to return to dashboard.

Hospital Management System

Book Appointment Form

First Name

Marlyn

Last Name

Keith

Email

maryk@yahoo.com

Age

45

Address Line 1

Red Hill

Address Line 2

Sussex

Symptoms

Dental

Admit Request

☐ Admit

Appointment

i

57402 - Appointment request sent to admin. The status will be notified via email/phone

OK

Confirm

Cancel

Hospital Management System

Logout

Appointment ID	First Name	Last Name	Email	Age	Contact Number	Symptoms	Appointment Stat	Admit Status
25a44	Annet	Joe	ajoe@gmail.com	56	7657657547	Cardiology	Completed	Discharged
b8fc8	Pep	Cannon	Cannon@gmail.c	56	5426467544	Cardiology	Completed	Admit
96b6b	Nepe	Meme	n.nene@gmail.co	45	7453215323	Cardiology	Completed	Requested
b76ab	Appuh	Pinnah	apaun@yahoo.co	34	7654652422	Cardiology	Completed	Requested
a5b8b	Peter	Parker	p.parker@gmail.c	57	7676757854	Cardiology	Completed	Requested
f8d39	George	Clooney	gclooney@gmail.	45	2454563465	Cardiology	Completed	Requested
fac14	Harrient	Marti	hmarti@gmail.co	57	5454745473	Cardiology	Completed	
55d19	Shaji	Sivaraman	sgshaji@gmail.co	34	7360311473	Other	Pending	
44cd9	Athu	Athu	Athu@gmail.com	28	7405534994	Other	Confirmed	
57402	Marlyn	Keith	maryk@yahoo.co	45	3058051259	Dental	Confirmed	

Back Home



- 17. Select “Management Reports”
- 18. Click “Patients by Illness Type”
- 19. Pop-up appears, with a bar chart on it.

Admin clicked “Management Reports”.  
Admin clicked Patient by Illness type to view the updated chart.  
Admin prompted to pop-up with bar chart and the changes have been added, number of patients for illness type related to “Dental” increased from 2 to 3.

