

SHS (Smart Healthcare System)

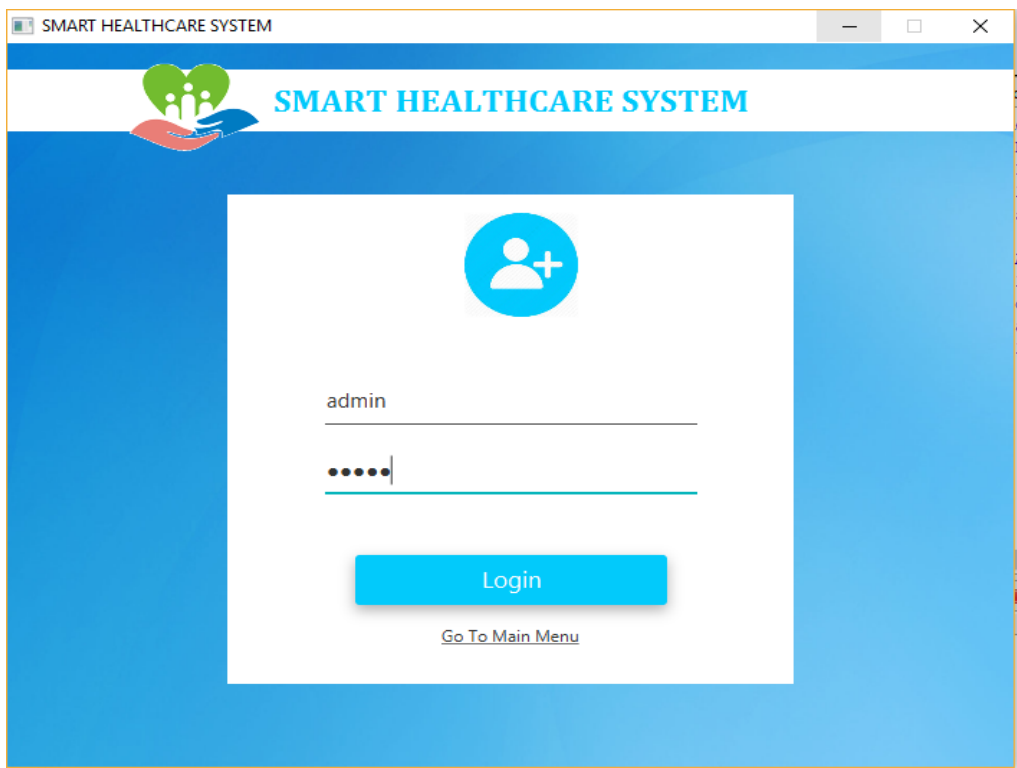
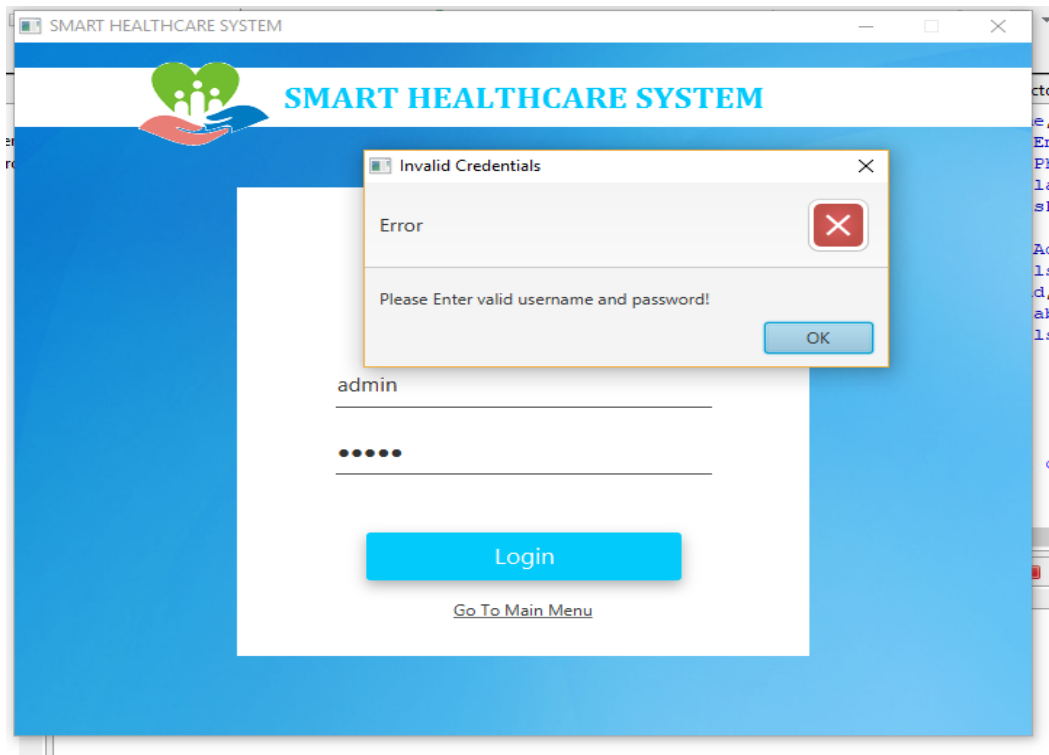
Team Members: Sutapa Mondal (MT18056), Neha Gupta (MT18113), Ankriti Sachan (MT18125)

Application Home and Login:



The above figure represents the application home page for SHS.

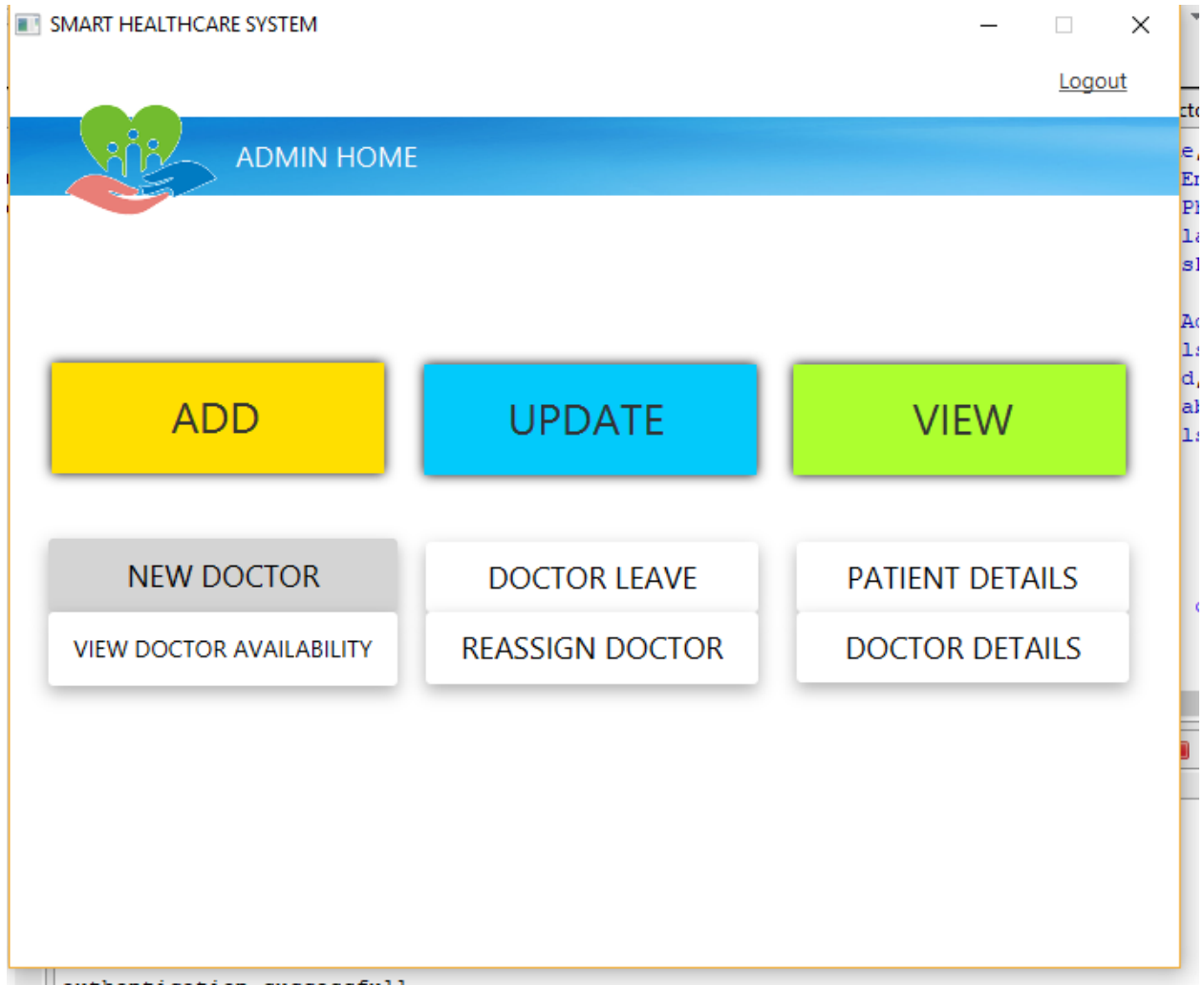
Login: Login page enables the user enter his username and password to access the application and use the services. **SHS ensures that an admin, doctor and patient can be logged into the application.**



Functionalities----->

1. Admin


- Home : Admin can view the functionalities which he/she can perform.



- Add new doctor: Admin enters all the required details in the “Add new Doctor” form and click on submit button.

SMART HEALTHCARE SYSTEM

Logout

 ADD DOCTOR [BACK](#)

Name :

Fees :

Qualification :

Specialization :

Years of Experience :

Department :

Designation :

Phone No. :

Supervisor :

Category :

Username :

Password :

Address Details

Block No. :

Street :

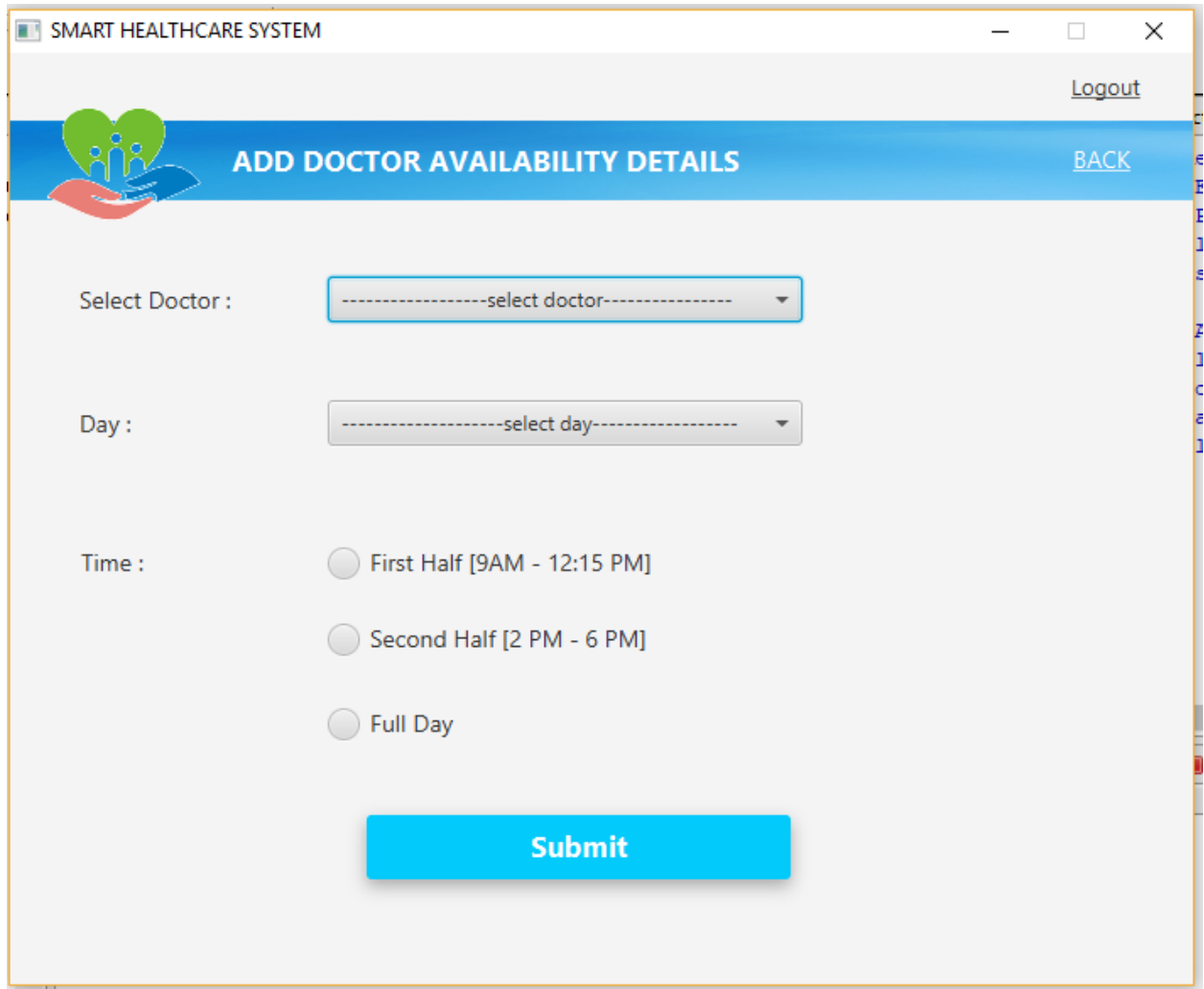
City :

Country :

Postal Code :

authentication successful


- Add doctor availability : Admin can add and update the availability details of the doctor(s)



The screenshot shows a web application window titled "SMART HEALTHCARE SYSTEM". The main heading is "ADD DOCTOR AVAILABILITY DETAILS". There is a "Logout" link in the top right and a "BACK" link in the top right of the form area. The form contains three main sections: "Select Doctor :" with a dropdown menu showing "-----select doctor-----"; "Day :" with a dropdown menu showing "-----select day-----"; and "Time :" with three radio button options: "First Half [9AM - 12:15 PM]", "Second Half [2 PM - 6 PM]", and "Full Day". A large blue "Submit" button is at the bottom.

SMART HEALTHCARE SYSTEM

Logout

 **ADD DOCTOR AVAILABILITY DETAILS** [BACK](#)

Select Doctor :


Day :

Time : ☐ First Half [9AM - 12:15 PM]
☐ Second Half [2 PM - 6 PM]
☐ Full Day

Submit

SMART HEALTHCARE SYSTEM

Logout



MANAGE DOCTOR AVAILABILITY

BACK

CURRENT AVAILABILITIES

Availability_ID	Doctor ID	DAY	TIME	Leave Status
1	1	wednesday	First Half	ON LEAVE
2	2	friday	Second Half	AVAILABLE
4	2	wednesday	First Half	AVAILABLE
7	4	monday	Second Half	AVAILABLE
8	7	monday	Second Half	AVAILABLE
9	7	wednesday	Full Day	AVAILABLE


ADD & UPDATE NEW AVAILABILITY

DELETE AVAILABILITY

- Update doctor leave : Admin can update the status of the doctor if he/she is on leave/available

SMART HEALTHCARE SYSTEM

Logout



UPDATE DOCTOR ON LEAVE

BACK

Select Doctor :

-----select doctor-----

On Leave :

-----select leave status-----

Update

- Reassign doctor : Admin can re-assign patient(s) to any doctor in any department.

The screenshot shows a web application window titled "SMART HEALTHCARE SYSTEM". The interface has a blue header bar with a logo on the left and the title "REASSIGNMENT OF DOCTOR TO PATIENTS" in the center. On the right side of the header, there are links for "Logout" and "BACK". Below the header, the form contains four input fields: "Patient ID" with a dropdown menu showing "---select patient---", "Active Treatments" with a dropdown menu showing "---select treatment---", "Assigned Doctor" with a text input field, and "Reassigned Doctor" with a dropdown menu showing "---select doctor---". At the bottom of the form is a large blue "Submit" button.

SMART HEALTHCARE SYSTEM

Logout

REASSIGNMENT OF DOCTOR TO PATIENTS [BACK](#)

Patient ID : ---select patient---

Active Treatments : ---select treatment---

Assigned Doctor :


Reassigned Doctor : ---select doctor---

Submit

- Edit doctor profile : Admin can edit any doctor's profile

SMART HEALTHCARE SYSTEM

Logout



EDIT PROFILE

BACK

Dr. Nisha

Phone No :

7099876545

Password :

••••••••

Designation :

Junior Resident

Consultation Fee :

200.0

Supervisor

1 : vibha

Address Details

Block No :

11/2

Street :

Netaji Colony

City :

New Delhi

Country :

India

Postal Code :


110908

Edit Profile

- View doctor details : Admin can view the profiles of all the doctor(s)

SMART HEALTHCARE SYSTEM

Logout



VIEW DOCTOR DETAILS

BACK

DOC_ID	NAME	Fees	EXP	qualification	designation	specialization
1	vibha	300.0	12	MBBS	Specialist	NA
2	nita	400.0	10	MBBS	Senior Resid...	Medicine
3	neha	350.0	8	MBBS	Specialist	Medicine Specialist
4	Aakanchha	1000.0	5	MBBS	Senior Speci...	Neurologist
5	akshat	500.0	5	MD	Senior Resid...	Neurologist
7	Nisha	200.0	2	MBBS	Junior Reside...	Medicine Specialist

VIEW FULL DOCTOR PROFILE

EDIT DOCTOR PROFILE

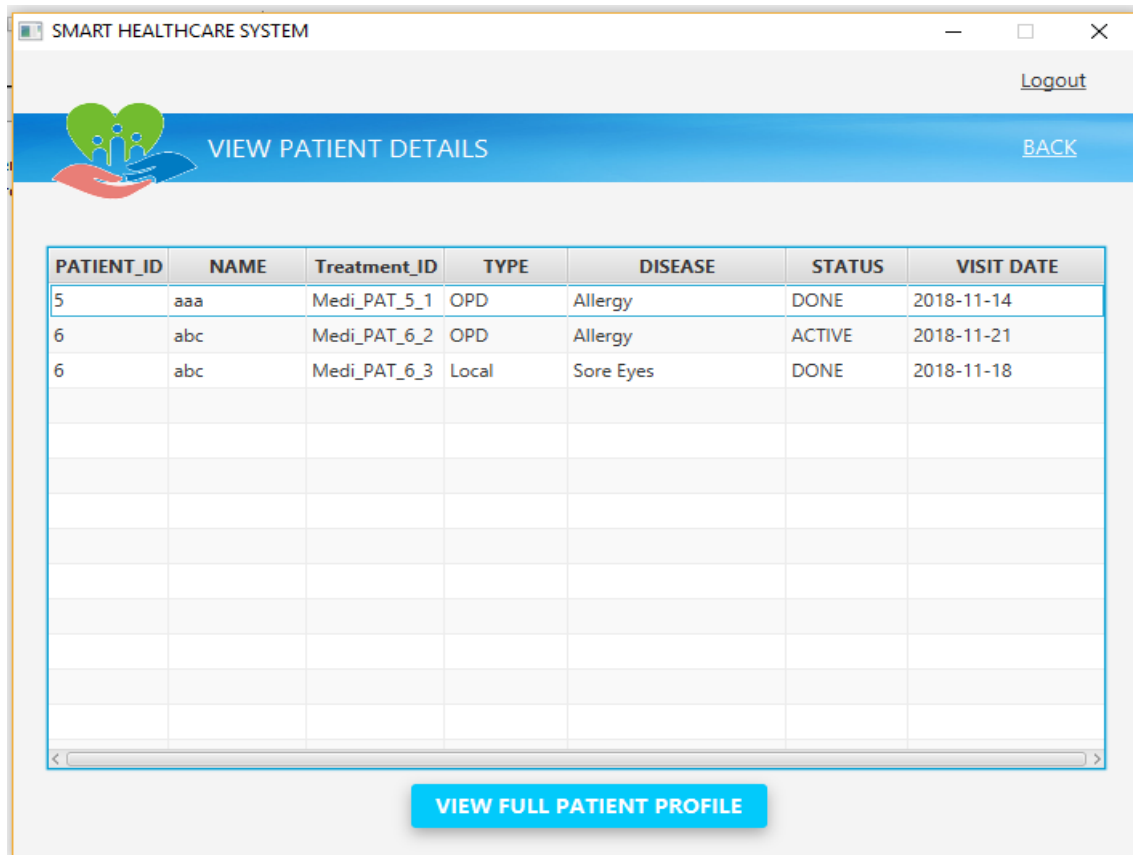
- View patient details: Admin can view the complete profile of all the selected patient(s).



The screenshot shows a web application window titled "SMART HEALTHCARE SYSTEM". The window has a blue header bar with a logo on the left and a "Logout" button on the right. Below the header, the title "DOCTOR PROFILE" is centered, with a "BACK" link on the right. The main content area is a light purple box containing the following details:


NAME :	Nisha
PHONE NO. :	7099876545
ADDRESS :	11/2 Netaji Colony New Delhi India 110908
FEES :	200.0
EXPERIENCE :	2
DEPARTMENT :	Cardiaology
SUPERVISOR :	1 : vibha
SPECIALIZATION :	Medicine Specialist
DESIGNATION :	Junior Resident
CATEGORY :	Physician
AVAILABILITY :	[monday:SECOND HALF, wednesday:FULL DAY]

- Admin can view all patient details and he/she can also view complete treatment history of each patient as well.



SMART HEALTHCARE SYSTEM

Logout



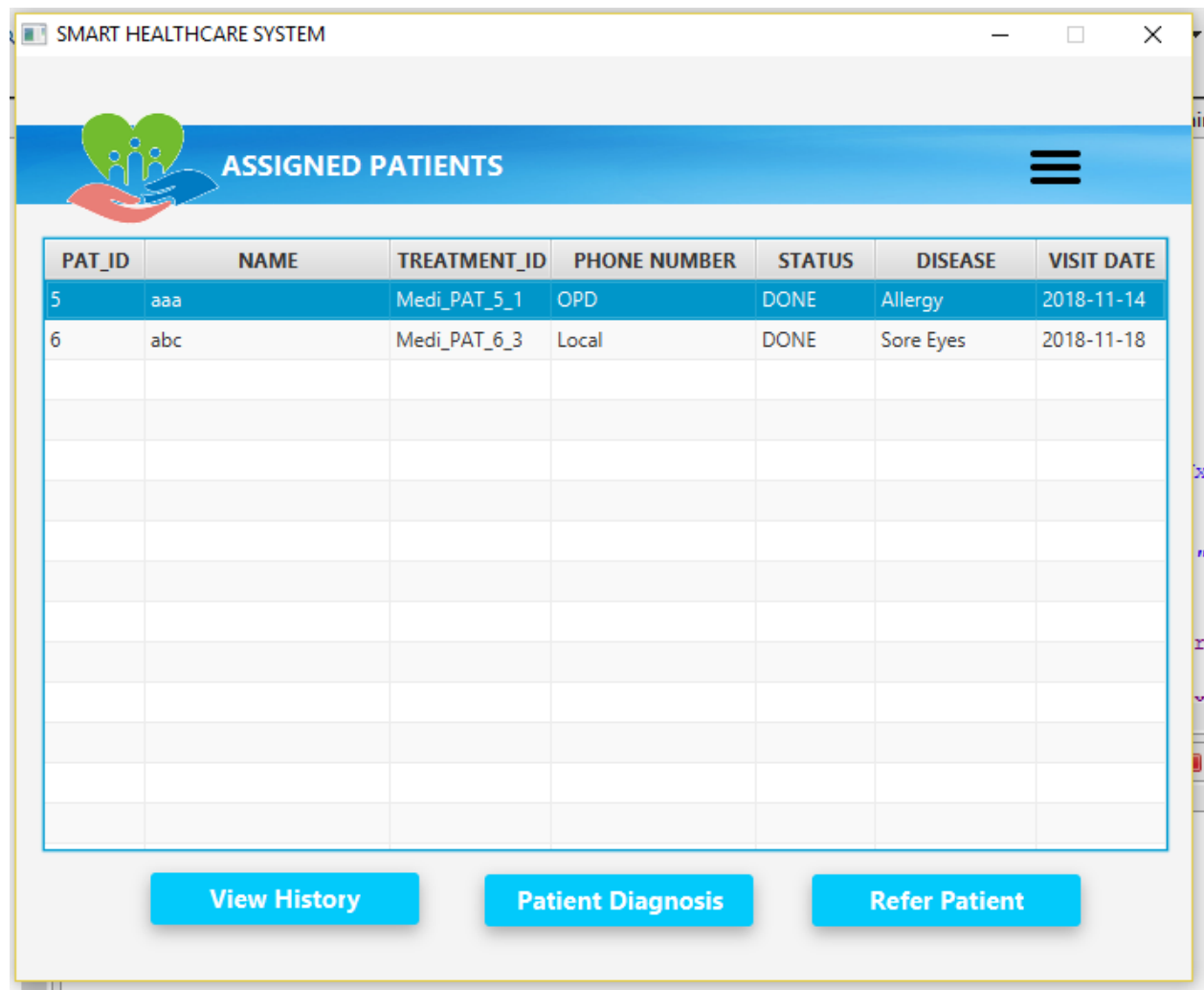
PATIENT PROFILE

BACK

NAME :	aaa
EMAIL :	aaa@gmail.com
PHONE NO. :	9678990989
ADDRESS :	11 asdf New Delhi India 201889
DISCHARGE DATE :	NA
MEDICINE :	Cetirizine,Paracetamol,Clobetasol Cream
MEDICAL TEST :	Blood Test,ECG

2. Doctor

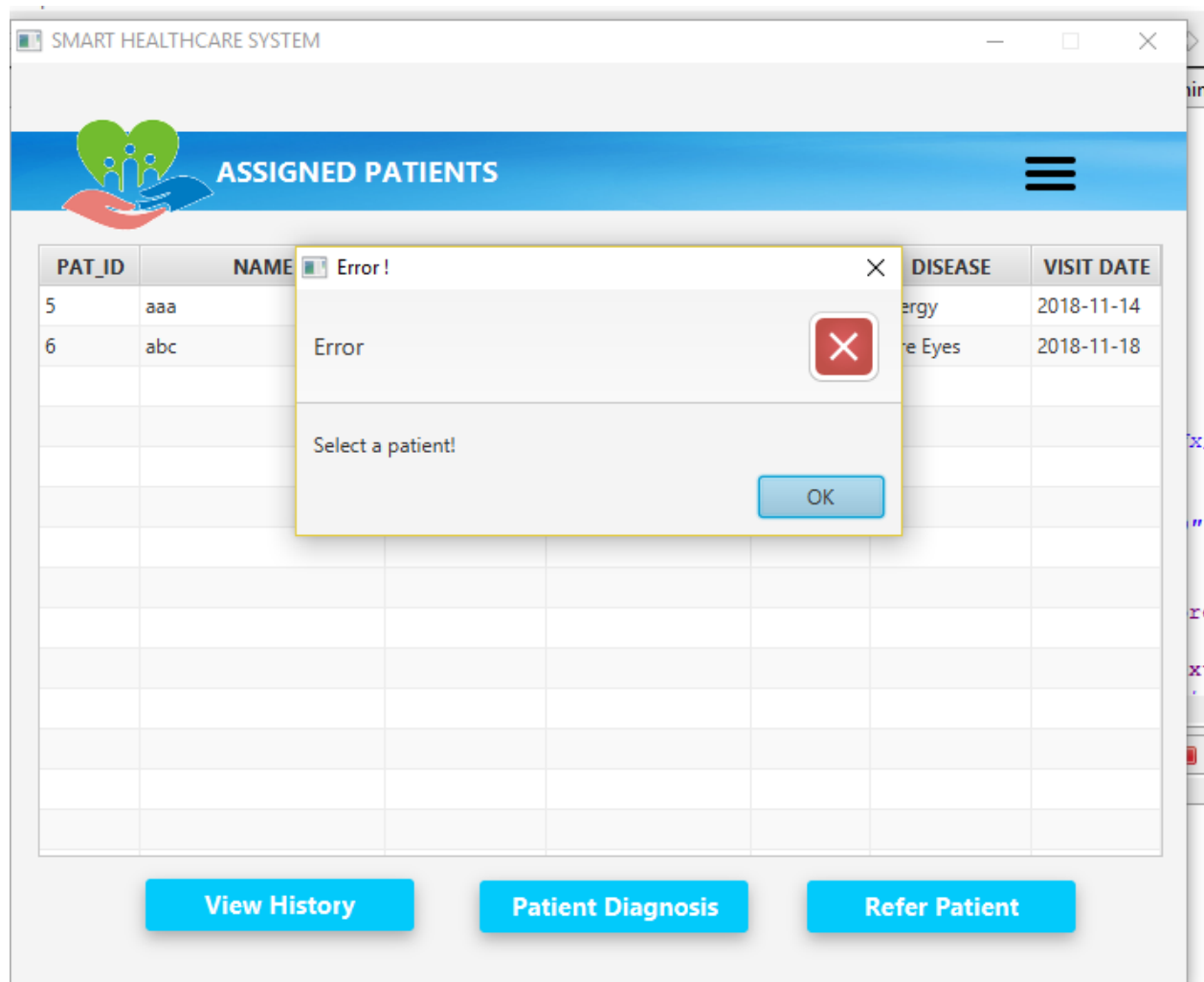
- View assigned patients: Doctor can view all the treatment(s) of patient(s) assigned to him/her.



The screenshot displays a web application window titled "SMART HEALTHCARE SYSTEM". The main header is blue with a logo on the left and the text "ASSIGNED PATIENTS" in the center. A hamburger menu icon is on the right. Below the header is a table with 7 columns: PAT_ID, NAME, TREATMENT_ID, PHONE NUMBER, STATUS, DISEASE, and VISIT DATE. The table contains two rows of data. Below the table are three buttons: "View History", "Patient Diagnosis", and "Refer Patient".

PAT_ID	NAME	TREATMENT_ID	PHONE NUMBER	STATUS	DISEASE	VISIT DATE
5	aaa	Medi_PAT_5_1	OPD	DONE	Allergy	2018-11-14
6	abc	Medi_PAT_6_3	Local	DONE	Sore Eyes	2018-11-18


View History Patient Diagnosis Refer Patient




- Patient diagnosis : Doctor can diagnose disease of a patient and add medicine(s) and medical test(s) if required and submit patient treatment details

[illegible]

SMART HEALTHCARE SYSTEM



PATIENT DIAGNOSIS



Patient ID :

6

Patient Name :

abc

Condition :

☐ Critical ☐ Non Critical

Disease :

---select disease---

Medicine :

---select medicine---

Add

Medical Test :

--select medical tests---

Add

Medicines:

Medical Tests :

Treatment Status :

☐ ACTIVE ☐ DONE

Submit

Back



PATIENT DIAGNOSIS



Patient ID : 6

Patient Name : abc

Condition : ☒ Critical ☐ Non Critical

Disease : Throat Pain

Medicine : Corex

Add

Medical Test : --select medical tests---

Add

Medicines:

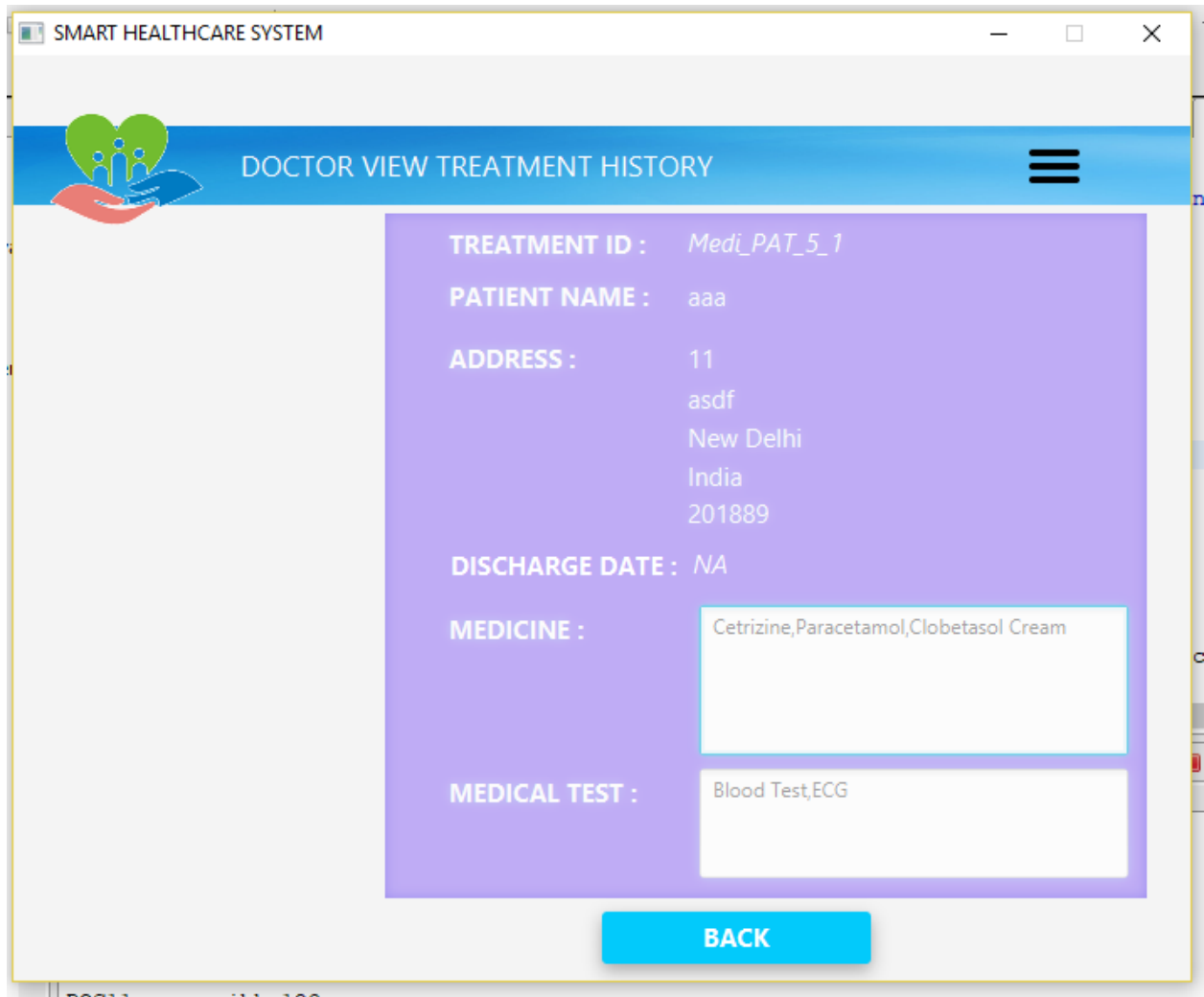
Corex

Medical Tests :Treatment Status : ☐ ACTIVE ☐ DONE

Submit

Back

- View History: Doctor can view complete history of the selected treatment ID of a patient.



SMART HEALTHCARE SYSTEM

DOCTOR VIEW TREATMENT HISTORY

TREATMENT ID : *Medi_PAT_5_1*

PATIENT NAME : aaa

ADDRESS : 11
asdf
New Delhi
India
201889

DISCHARGE DATE : NA

MEDICINE : Cetrizine,Paracetamol,Clobetasol Cream

MEDICAL TEST : Blood Test,ECG

BACK

- Refer patients : Doctor can refer a patient to another doctor in same or other department depending upon his/her post

The screenshot shows a web application window titled "SMART HEALTHCARE SYSTEM". The main heading is "REASSIGNMENT OF DOCTOR TO PATIENTS". The form contains the following fields and controls:

- Patient ID :** 6:abc
- Treatment ID :** Medi_PAT_6_2 (dropdown menu)
- Assigned Doctor :** Dr. nita (text input)
- Reassigned Doctor :** ---select doctor--- (dropdown menu with options: 1:vibha, 3:nieha, 4:Aakanchha)

At the bottom, there are two buttons: "Submit" and "Back".

- Edit Profile : Doctor can edit his/her profile

SMART HEALTHCARE SYSTEM

EDIT PROFILE

Phone No :

Password :

Designation :

Consultation Fee :

Supervisor :

Address Details

Block No : Street :

City : Country :



Postal Code :

Edit Profile

-----vibha123

- View Profile (Home) : Doctor can view his/her complete profile


SMART HEALTHCARE SYSTEM

DOCTOR HOME

Welcome!!

NAME :	<i>vibha</i>
PHONE NO. :	7088987656
ADDRESS :	C254 Karol Bagh New Delhi India 110989
FEES :	300.0
EXPERIENCE :	12
DEPARTMENT :	<i>Medicine</i>
SUPERVISOR :	1 : <i>vibha</i>
SPECIALIZATION :	<i>Cardiologist</i>
DESIGNATION :	<i>Specialist</i>
CATEGORY :	<i>Surgeon</i>
AVAILABILITY :	<i>[wednesday:FIRST HALF]</i>

SMART HEALTHCARE SYSTEM

DOCTOR HOME

Welcome!!

HOME

EDIT PROFILE

VIEW ASSIGNED PATIENTS

LOGOUT

NAME :

PHONE NO. :

ADDRESS :

FEES :

EXPERIENCE :

DEPARTMENT :

SUPERVISOR :

SPECIALIZATION :

DESIGNATION :

CATEGORY :

vibha

7088987656

C254
Karol Bagh
New Delhi
India
110989

300.0

12

Medicine

1 : vibha

Cardiologist

Specialist

Surgeon

AVAILABILITY :

[wednesday;FIRST HALF]

3. Patient

- View Profile (Home) : Patient can view his/her complete profile

The screenshot displays the 'PATIENT HOME' interface of the 'SMART HEALTHCARE SYSTEM'. The window title is 'SMART HEALTHCARE SYSTEM'. The header bar is blue with a logo on the left and a back arrow on the right. The main content area is divided into two sections. On the left is a vertical menu with six blue buttons: 'HOME', 'EDIT PROFILE', 'VIEW HISTORY', 'SEARCH DOCTOR', 'REGISTER TREATM...', and 'LOGOUT'. On the right is a purple box containing a 'Welcome!!' message and a list of patient details: NAME: Rina, EMAIL: rina@gmail.com, PHONE NO.: 9000878912, and ADDRESS: 12 JM Market, New Delhi, India, 102009.

Welcome!!	
NAME :	Rina
EMAIL :	rina@gmail.com
PHONE NO. :	9000878912
ADDRESS :	12 JM Market New Delhi India 102009



Welcome!!

NAME : Rina
EMAIL : rina@gmail.com
PHONE NO. : 9000878912
ADDRESS : 12
JM Market
New Delhi
India
102009


- View patient history : Patient can view his/her full treatment history

PATIENT HISTORY

TREATMENT_ID	TYPE	STATUS	DISEASE	VISIT DATE	AMOUNT
Card_PAT_8_5	OPD	ACTIVE	NA	2018-11-21	0.0
Medi_PAT_8_4	OPD	ACTIVE	NA	2018-11-28	0.0
Neur_PAT_8_6	OPD	DONE	Headache	2018-11-30	5060.0

[View Full History](#)

SMART HEALTHCARE SYSTEM



PATIENT VIEW TREATMENT HISTORY

TREATMENT ID : *Neur_PAT_8_6*

DOCTOR NAME : akshat

MEDICINE :

Paracetamol,Saridon

MEDICAL TEST :

CT Scan,MRI Scan

BACK

- Edit Profile : Patient can edit his/her profile

SMART HEALTHCARE SYSTEM

EDIT PROFILE

Email :

Phone No :

Password :

Address Details

Block No : Street :


City : Country :

Postal Code :


Edit Profile

- Search Doctor: Patient can search doctor using criteria of doctor ID, name, address, department or specialization.

SMART HEALTHCARE SYSTEM



SEARCH DOCTOR



Criteria :

---select search criteria---

---select value---

Search

DOC_ID	NAME	Experience(yrs)	Qualification	Specialization	Consultation Fees (Rs.)
No content in table					

View Full Doctor Profile



SEARCH DOCTOR



Criteria :

---select search criteria---

Department

ID

Name

Specialization

Address

DOC_ID	NAME	Ex	Address	Specialization	Consultation Fees (Rs.)
--------	------	----	---------	----------------	-------------------------

No content in table

View Full Doctor Profile



SEARCH DOCTOR



Criteria :

Department ▾

Medicine ▾

Search

DOC_ID	NAME	Experience(yrs)	Qualification	Specialization	Consultation Fees (Rs.)
1	vibha	12	MBBS	Cardiologist	300.0
2	nita	10	MBBS	Medicine Spe...	400.0
3	neha	8	MBBS	Medicine Spe...	350.0

View Full Doctor Profile



SEARCH DOCTOR



Criteria :

Specialization

Neurologist

Search

DOC_ID	NAME	Experience(yrs)	Qualification	Specialization	Consultation Fees (Rs.)
4	Aakanchha	5	MBBS	Neurologist	1000.0
5	akshat	5	MD	Neurologist	500.0

View Full Doctor Profile

- Patient Registration : Patients can register themselves in SHS for treatment

The screenshot shows a web application window titled "SMART HEALTHCARE SYSTEM". Inside, there is a "PATIENT REGISTRATION" section with a blue header and a green heart icon. Below the header, there are five input fields for registration details, each with a red asterisk indicating a required field. The "Name" field is pre-filled with "Rina". Below these fields is a green "Address Details" section with four input fields for address information. A red asterisk indicates that all address fields are required. At the bottom of the form is a blue "Submit" button and a link to "Go To Main Menu".

SMART HEALTHCARE SYSTEM

PATIENT REGISTRATION

Name :

Email : *Email is Required

Phone No : *Phone is Required

Username : *Username Required

Password : *Password is Required

Address Details

Block No : Street :

City : Country :

Postal Code : *All Address fields Required

Submit

[Go To Main Menu](#)



PATIENT REGISTRATION

Name : Email :

Invalid Email Address

Phone No :

Phone Number length 10

Username :

*Username Required

Password :

*Password is Required


Address Details

Block No : Street : City : Country : Postal Code :

Postal code should be Numeric

[Go To Main Menu](#)


- SMART HEALTHCARE SYSTEM
— □ ✕



REGISTER TREATMENT

☰

Category : Medicine ▼

Appointment Date : 11/28/2018 

Location : ☒ OPD ☐ Local Time : ☒ First Half (9 AM-12:15 PM) ☐ Second Half (2 PM-6 PM)

DOCTOR Selection

☒ Self ☐ SHS Select Doctor

DOC_ID	NAME	Experience(yrs)	Qualification	Availability	Fees (Rs.)
1	vibha	12	MBBS	First Half	300.0
2	nita	10	MBBS	First Half	400.0

Submit



REGISTER TREATMENT



Category : Medicine

Appointment Date : 11/28/2018

Location : ☒ OPD ☐ LocalTime : ☒ First Half (9 AM-12:15 PM) ☐ Second Half (2 PM-6 PM)

DOCTOR Selection


☐ Self☒ SHS

Select Doctor


DOC_ID	NAME	Experience(yrs)	Qualification	Availability	Fees (Rs.)
1	vibha	12	MBBS	First Half	300.0

Submit

SMART HEALTHCARE SYSTEM



REGISTER TREATMENT



Category :

Location :

☐ OPD

DOCTOR Selection

Appointment Details

Message

i

Appointment Booked successfully!!
Generated Treatment Resgistration ID:Medi_PAT_8_4

OK

DOC_ID	NAM	Fees (Rs.)
No content in table		

Submit

rina