SHS (Smart Healthcare System)
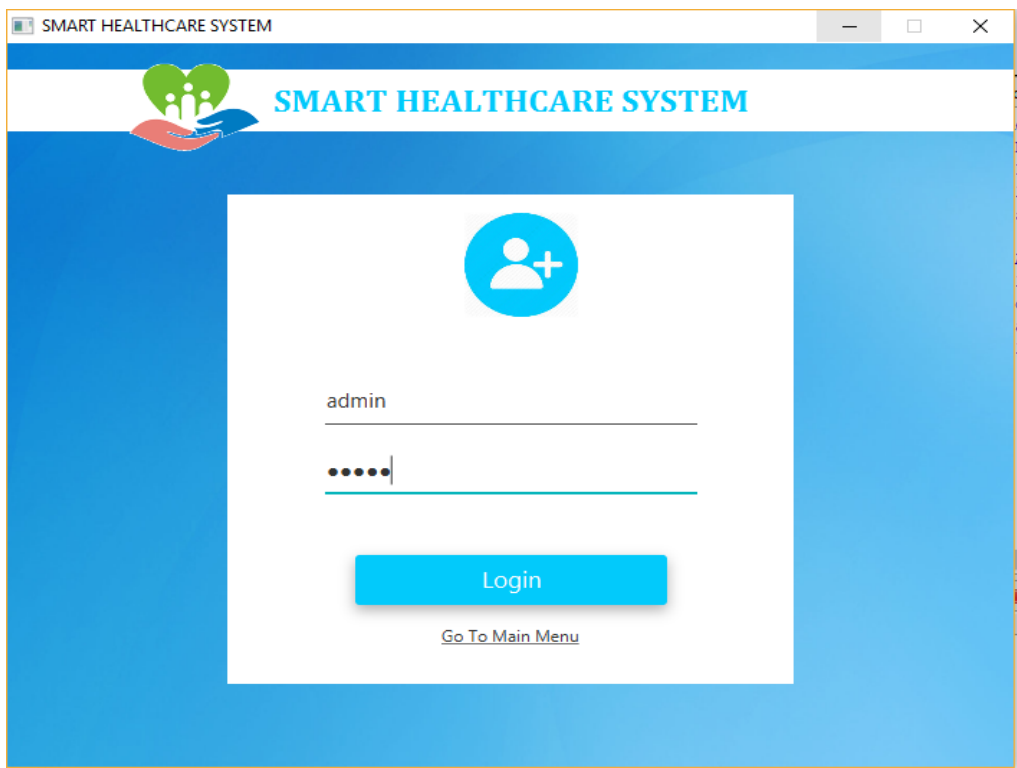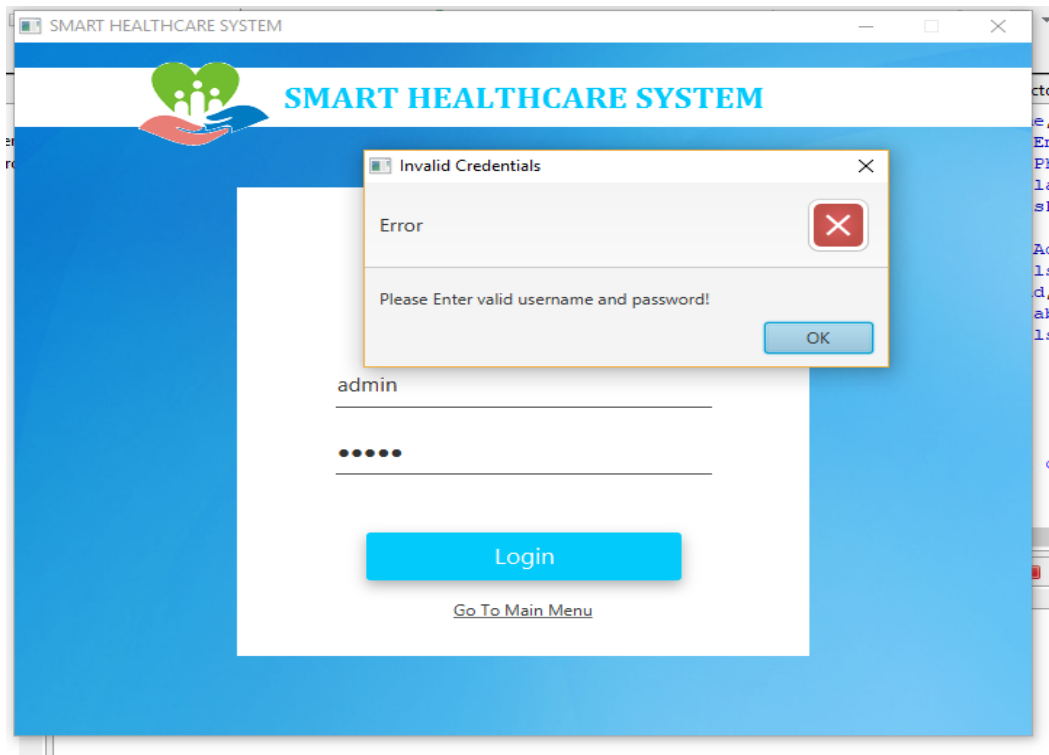
Team Members: Sutapa Mondal (MT18056), Neha Gupta (MT18113), Ankriti Sachan (MT18125)

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.**

SMART HEALTHCARE SYSTEM

SMART HEALTHCARE SYSTEM

Invalid Credentials

Error

Please Enter valid username and password!

OK

admin

•••••

Login

Go To Main Menu

SMART HEALTHCARE SYSTEM

admin

•••••

Login

Go To Main Menu

Functionalities--->

1. Admin

- Home : Admin can view the functionalities which he/she can perform.
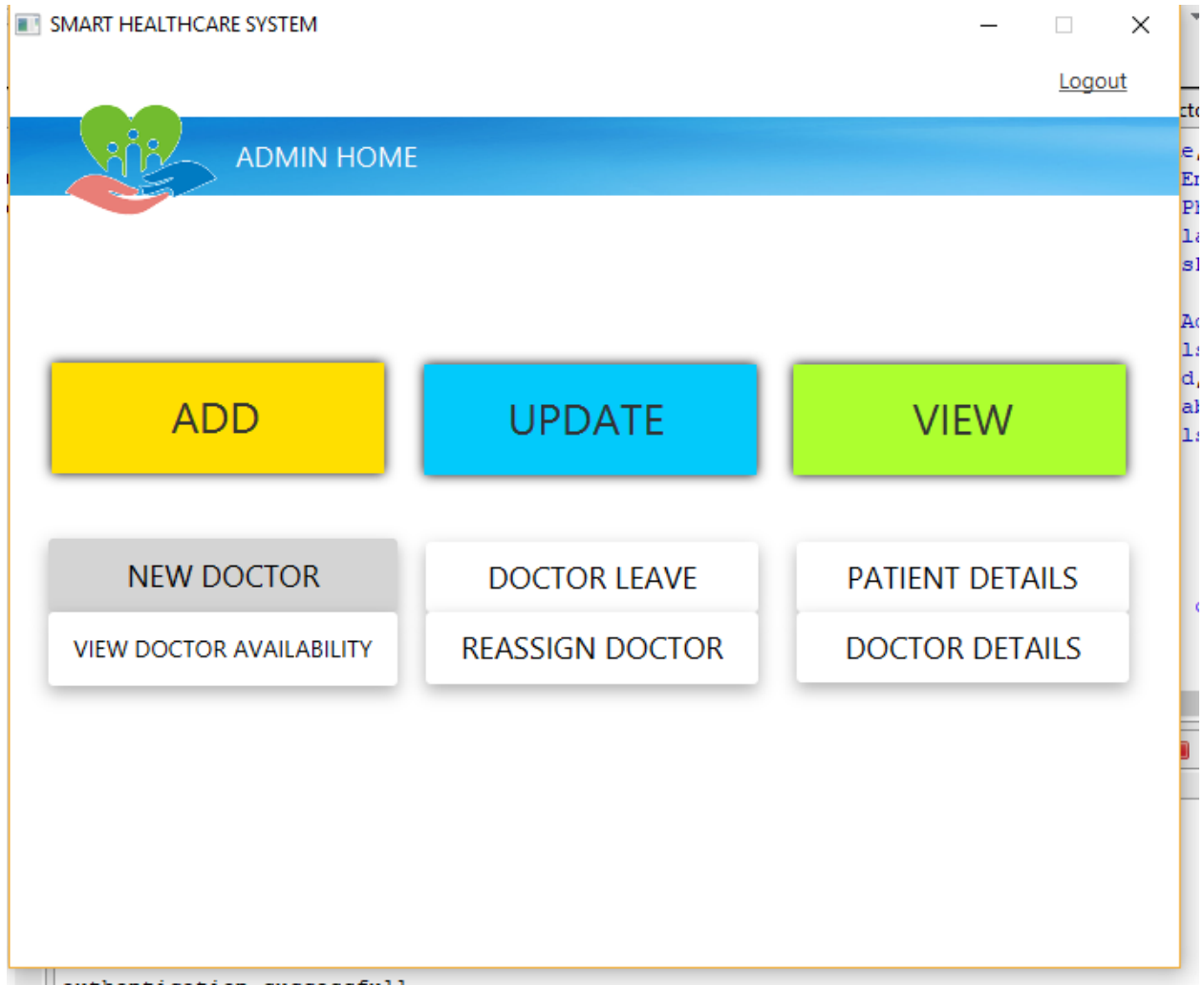
● Add new doctor: Admin enters all the required details in the "Add new Doctor" form and click on submit button.
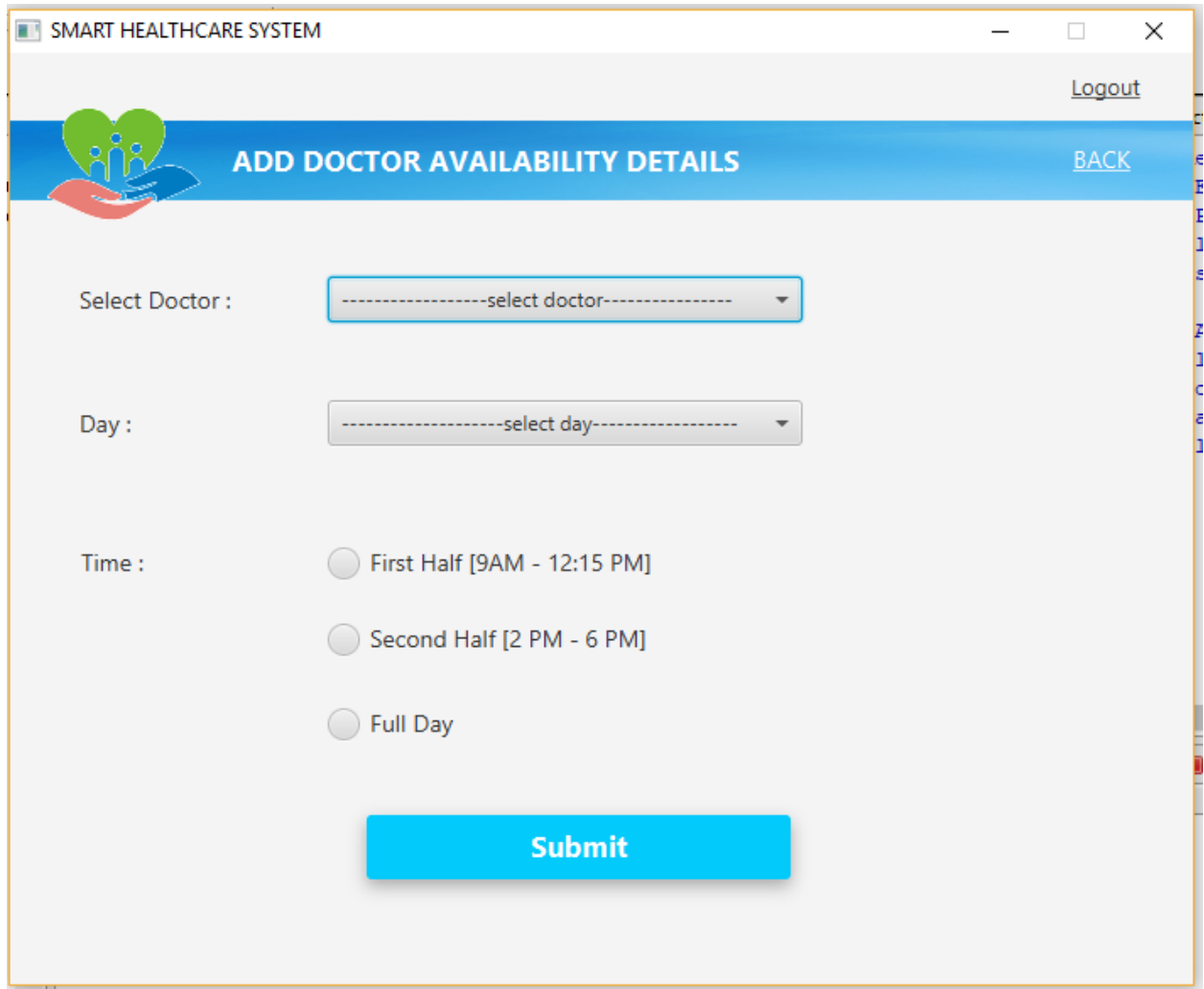
● Add doctor availability : Admin can add and update the availability details of the doctor(s)

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

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

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

● 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).

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

SMART HEALTHCARE SYSTEM					— □ ✕

VIEW PATIENT DETAILS

Logout

BACK

PATIENT_ID	NAME	Treatment_ID	TYPE	DISEASE	STATUS	VISIT DATE
5	aaa	Medi_PAT_5_1	OPD	Allergy	DONE	2018-11-14
6	abc	Medi_PAT_6_2	OPD	Allergy	ACTIVE	2018-11-21
6	abc	Medi_PAT_6_3	Local	Sore Eyes	DONE	2018-11-18

VIEW FULL PATIENT PROFILE
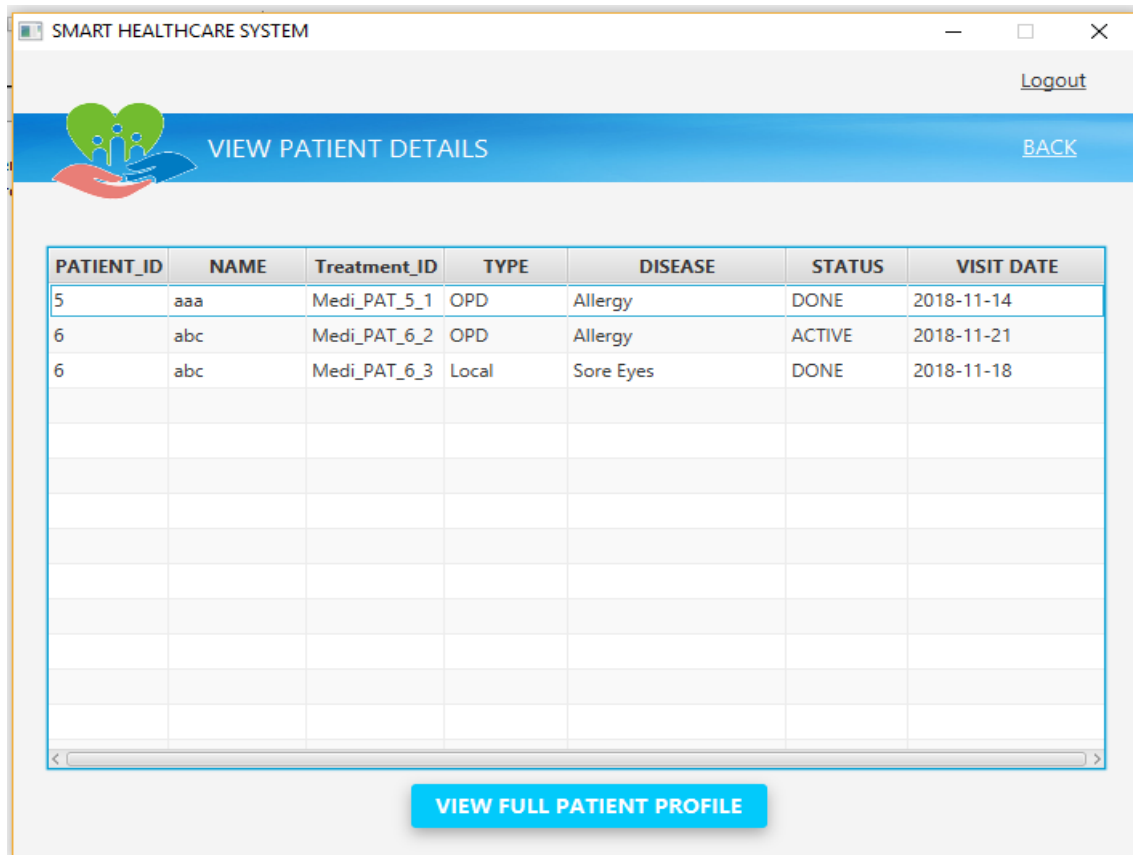
SMART HEALTHCARE SYSTEM

Logout
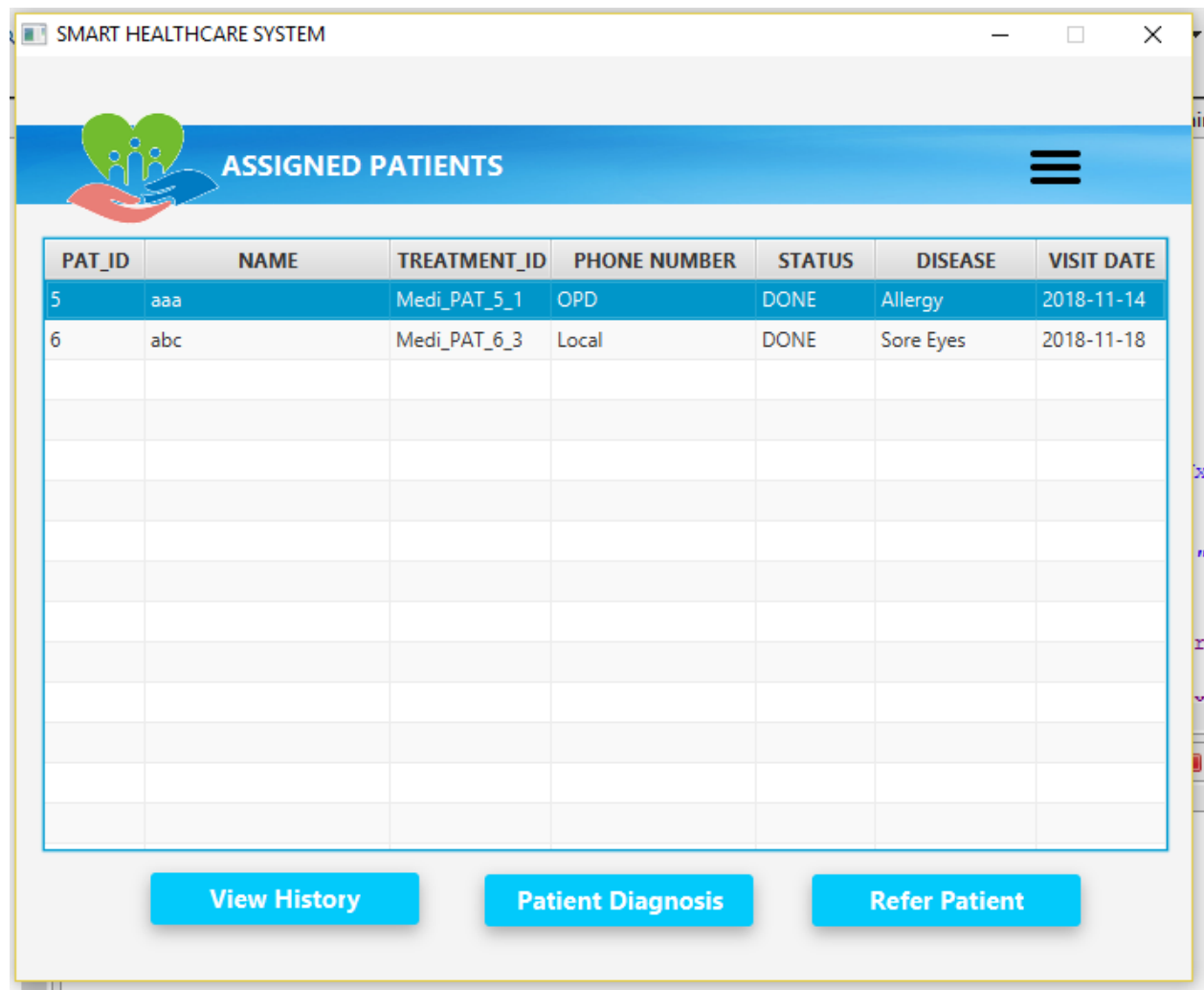
PATIENT PROFILE

BACK

NAME : *aaa*

EMAIL : aaa@gmail.com

PHONE NO. : 9678990989

ADDRESS : 11

asdf

New Delhi

India

201889

DISCHARGE DATE : NA

MEDICINE : Cetrizine,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.

SMART HEALTHCARE SYSTEM — □ ✕

ASSIGNED PATIENTS

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

SMART HEALTHCARE SYSTEM — □ ×

ASSIGNED PATIENTS ≡

PAT_ID	NAME			DISEASE	VISIT DATE
5	aaa			ergy	2018-11-14
6	abc			e Eyes	2018-11-18

Error ! ×

Error ×

Select a patient!

OK

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

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**

SMART HEALTHCARE SYSTEM

PATIENT DIAGNOSIS

Patient ID : 6

Patient Name : abc

Condition : ⦿ Critical ◯ Non Critical

Disease : Throat Pain ▾

Medicine : Corex ▾ **Add**
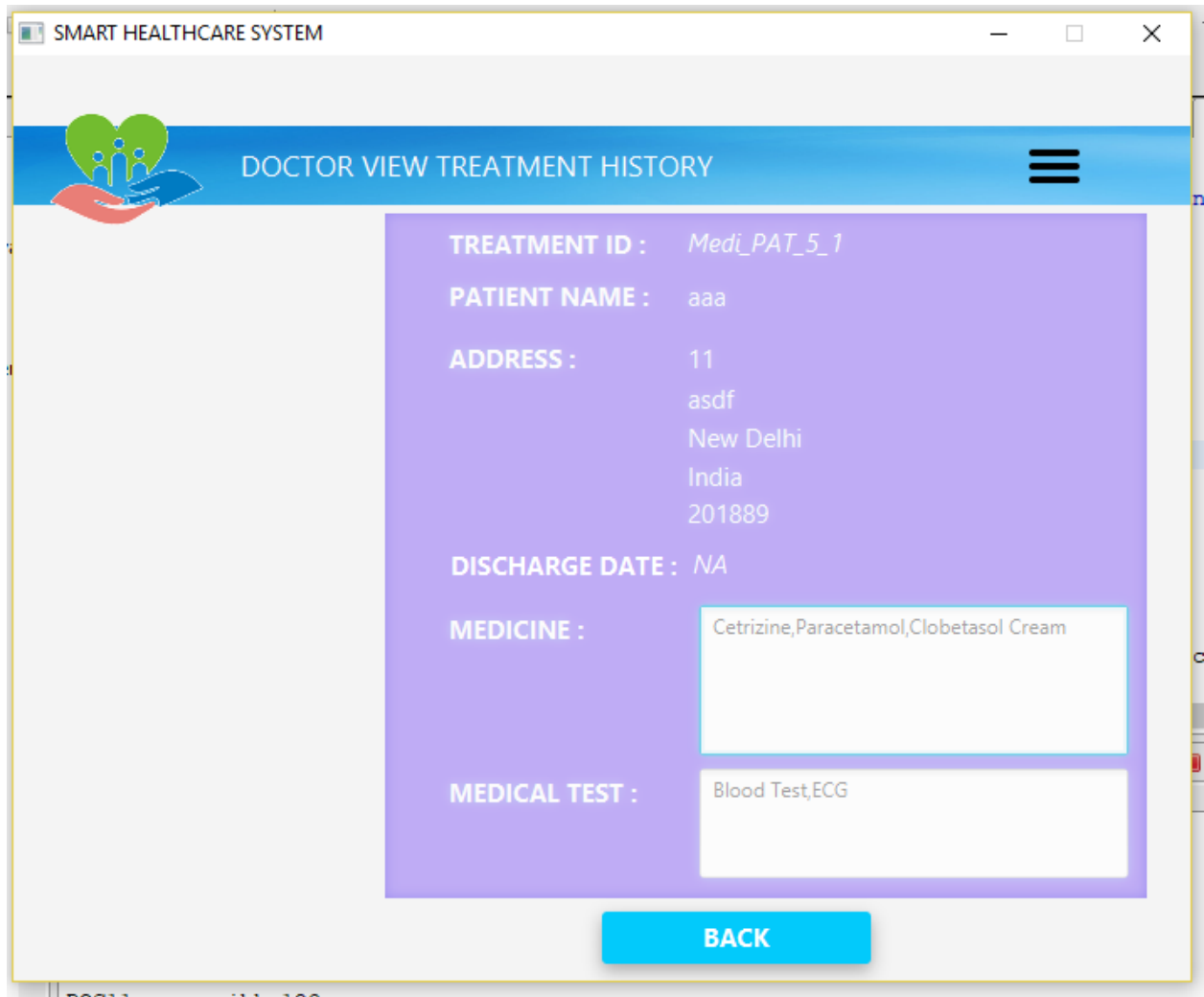
Medical Test : --select medical tests--- ▾ **Add**

Medicines: **Medical Tests :**

Corex

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

● Edit Profile : Doctor can edit his/her profile

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

DOCTOR HOME ←

Welcome!!

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

HOME

EDIT PROFILE

VIEW ASSIGNED PATIENTS

LOGOUT

3. Patient

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

PATIENT HOME

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

SMART HEALTHCARE SYSTEM — □ ✕

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

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

- 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--- ▼]

Department
ID
Name
Specialization
Address

DOC_ID	NAME	Ex...	...cialization	Consultation Fees (Rs.)

No content in table

View Full Doctor Profile

SMART HEALTHCARE SYSTEM

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

SMART HEALTHCARE SYSTEM

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

SMART HEALTHCARE SYSTEM — □ ✕

PATIENT REGISTRATION

Name :   Rina

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

SMART HEALTHCARE SYSTEM — □ ✕

PATIENT REGISTRATION

Name : Rina

Email : rina@yhik   Invalid Email Address

Phone No : 90008789   Phone Number length 10

Username :   *Username Required

Password :   *Password is Required

Address Details

Block No : 12   Street : JM Market

City : New Delhi   Country : India

Postal Code : jk   Postal code should be Numeric

Submit

Go To Main Menu

- Register Treatment : Patient can register his/her treatment (book appointment) through self/SHS

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

Submit

rina

SMART HEALTHCARE SYSTEM   — ☐ ✕

REGISTER TREATMENT ☰

Category :   ---sel   ☐

Location :   ◯ OPD   cond Half (2 PM-6 PM)

DOCTOR Selection

DOC_ID	NAM	y	Fees (Rs.)

No content in table

Appointment Details ✕

Message   ⓘ

Appointment Booked successfully!!
Generated Treatment Resgistration ID:Medi_PAT_8_4

OK

Submit

||rina