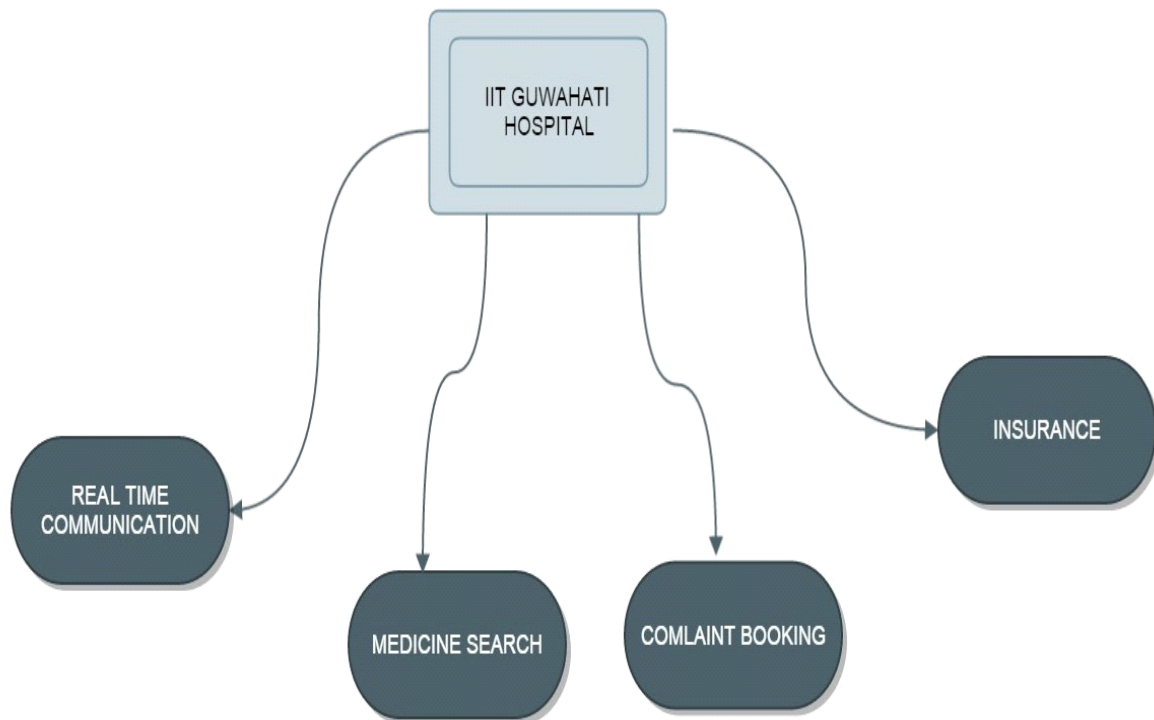# INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
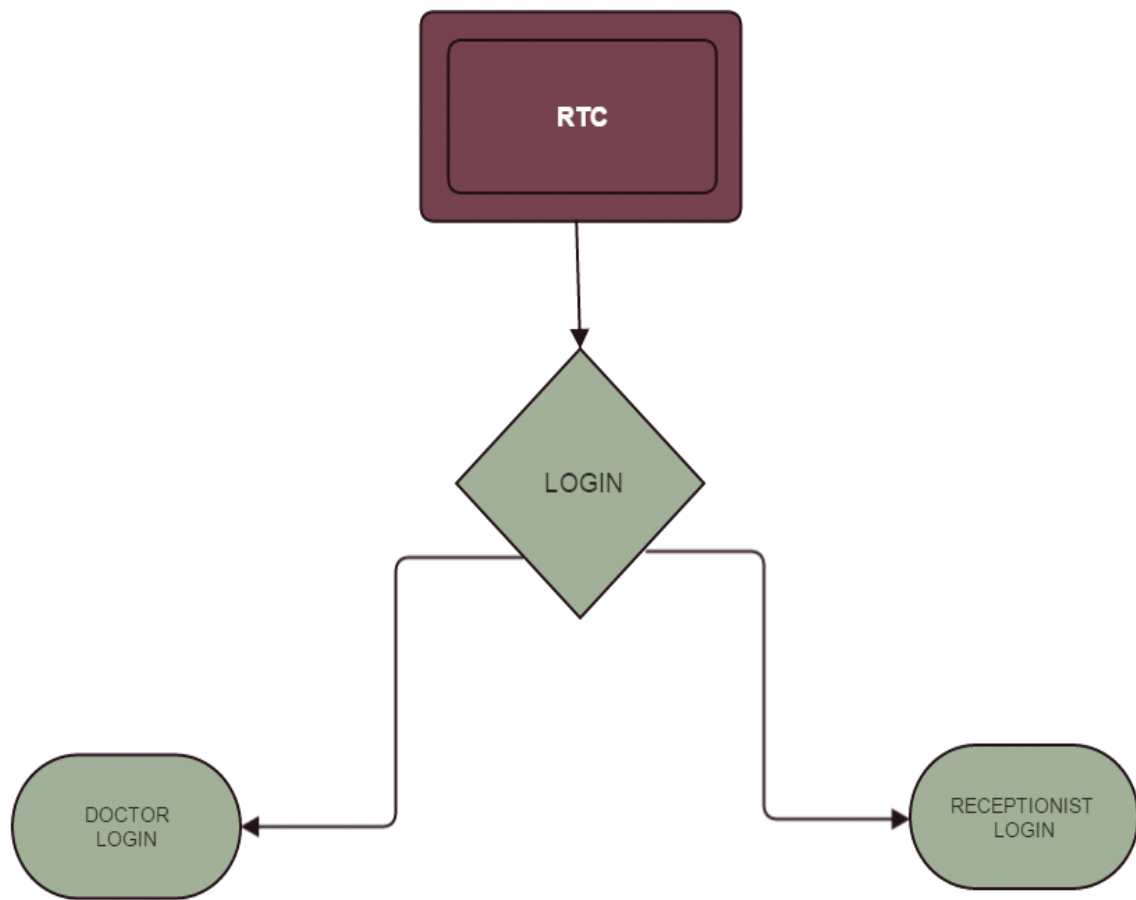
HOSPITAL MANAGEMENT SYSTEM
WEB APPLICATION BY GROUP 2

USER MANUAL

IIT GUWAHATI HOSPITAL : It is divided in mainly four parts. They are RTC , Medicine   Search, Comlaint Booking and Insurance.

User Documentation For RTC

RTC : It's consist of real time communication between *Doctor* and *receptionist*.

Doctor Home-page : This page consist of *current patient, case history, patient seen, coming patient, completed patient & prescribe medicine.*

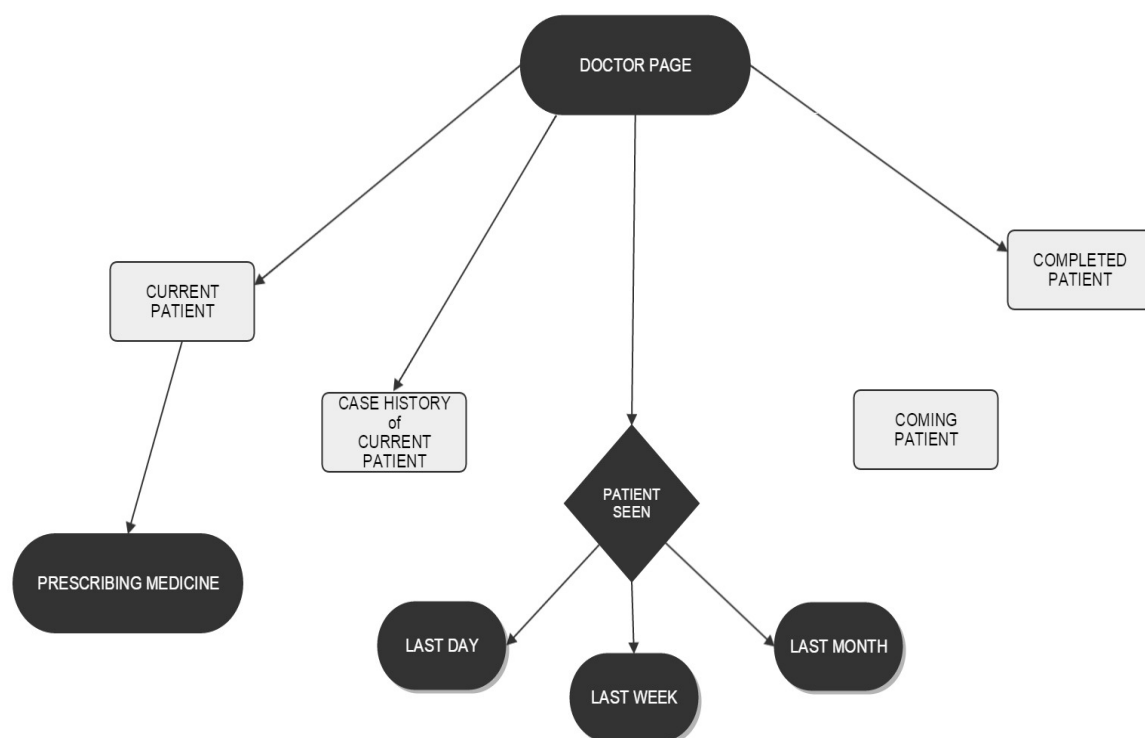Current patient : Patient which is currently, taking care by *Doctor*.

Case History : History of current *patient*.

Coming patient : Patients which are send by the *receptionist* and are in pending.

Completed patient : Patients which were seen by *Doctor* on current day.

<u>Patient Seen</u> : Patients which were seen by *Doctor* yesterday, last week or last month.

<u>Prescribe Medicine</u> : Medicine which are prescribed by *Doctor* to *Current Patient*. It contents medicines' name with next visit for patient.

It's run in Real Time Communication which always get updated by 1 sec and updates *current patient, case history, patient seen, coming patient and completed patient.*

<u>Screenshot of Doctor home-page</u> :

Current Patient
Case History
Yesterday
Last Week
Last Month
Log Out

Patient Details

Name: **rohan**

Age: **20** years

Height: **5'5"** cm

Weight: **200** kgs

Prescribe a medicine

Enter Disease Diagnosed

Disease

Enter Symptoms

Symptoms

Enter the mediciene names

Name of Mediciene

1M

Name of Mediciene

1M

Name of Mediciene

1M

Name of Mediciene

1M
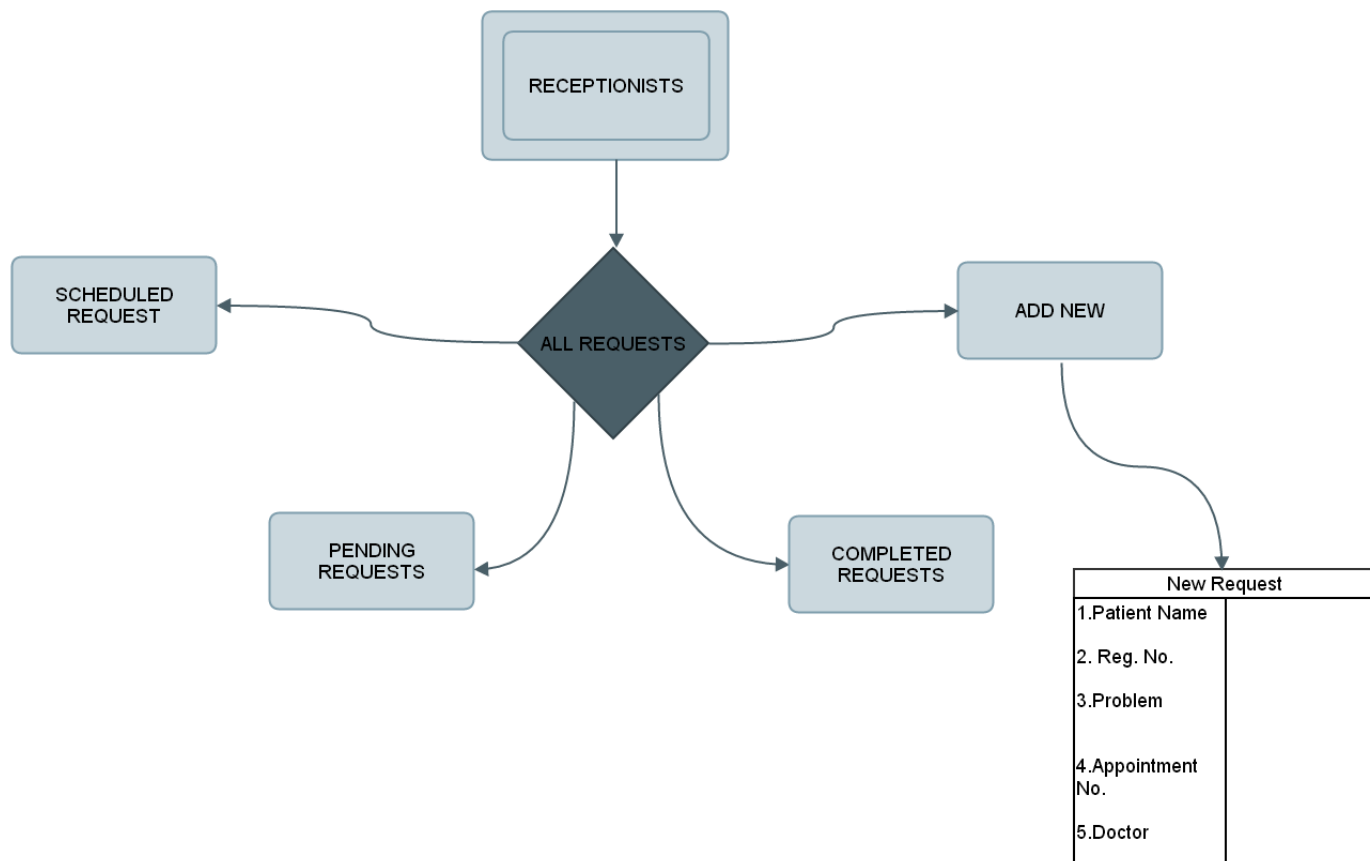
Name of Mediciene

1M

Next Visit

Next Visit

Add More

Prescribe Medicienes

patient1

RECEPTIONIST PAGE :

RECEPTIONIST PAGE: This page consist of requests for scheduling and adding new request which is done by *Receptionist.*
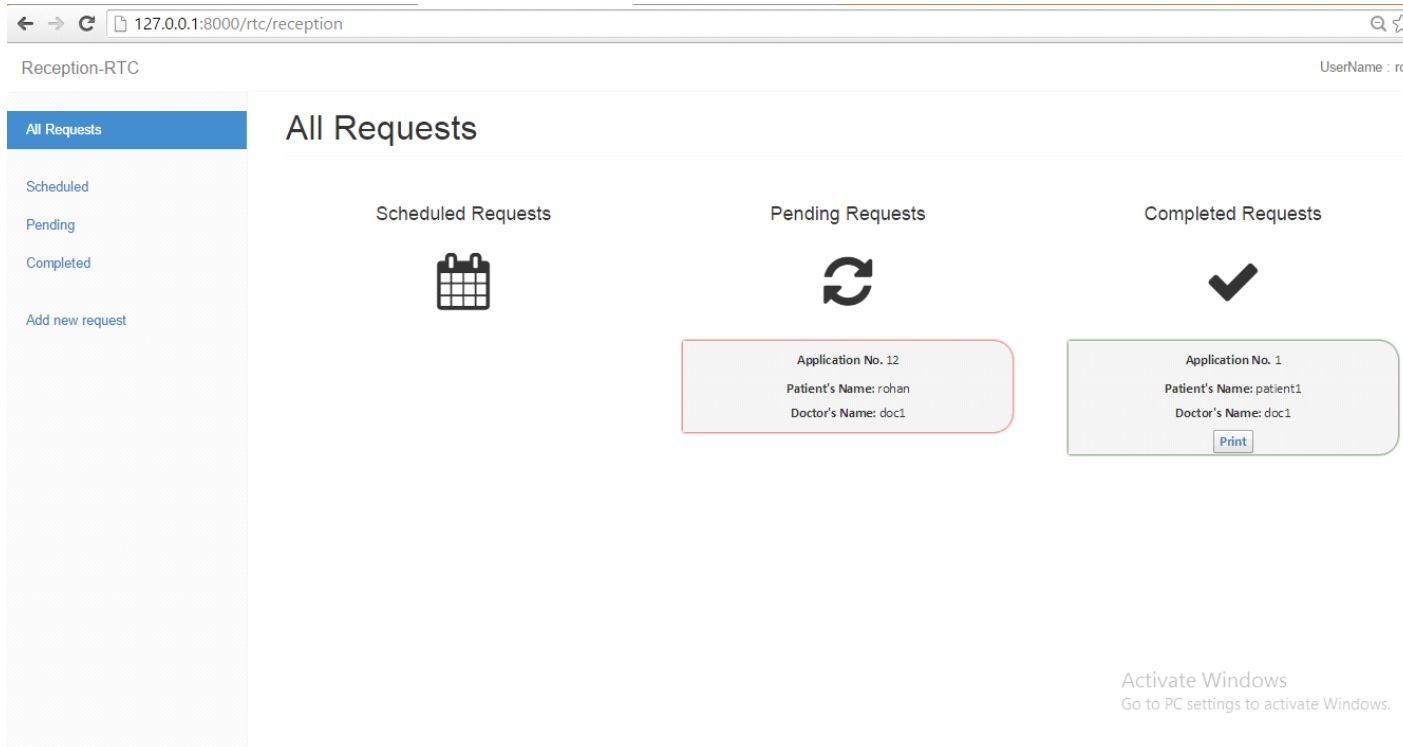
Scheduled Request : Request which are scheduled by *Receptionist.*
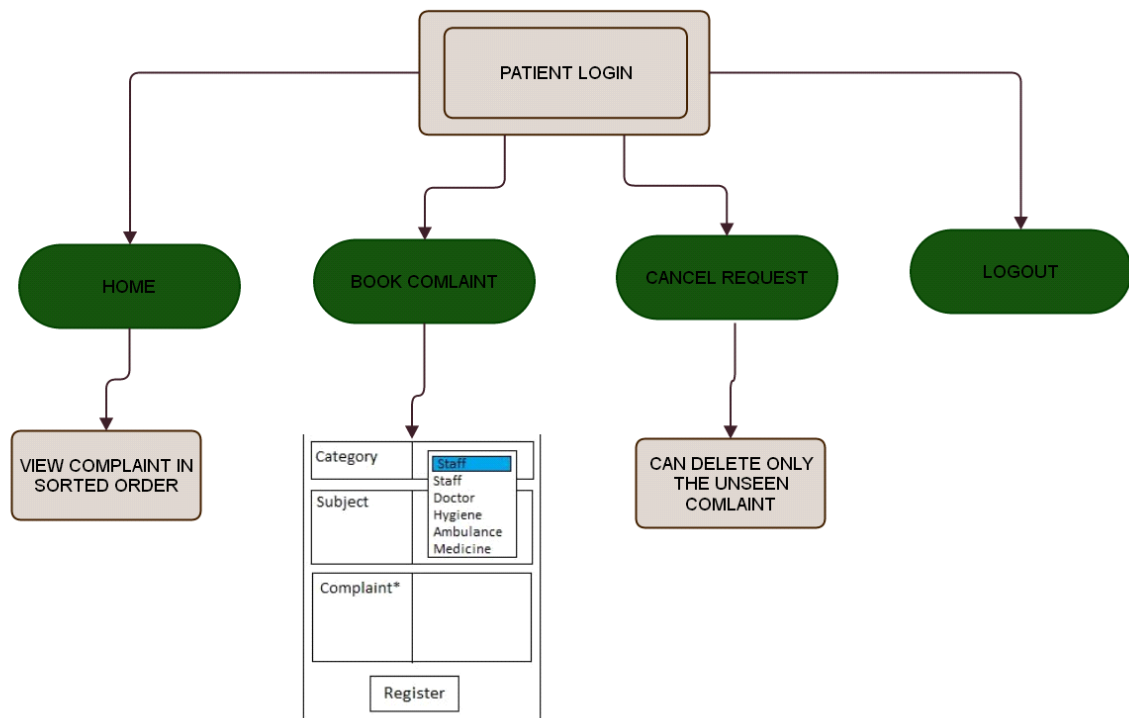
Pending Request : Requests which are not seen by *Doctor.*

Completed Request : Requests which are seen by *Doctor.*

Add New Request : Request is being add by *Receptionist.*

SCREENSHOT of RECEPTIONIST PAGE :

# User Documentation

For

Complaint Booking

COMPLAIN BOOKING :- Patient can book a complain regarding staff, doctor, hygiene, ambulance & medicine.

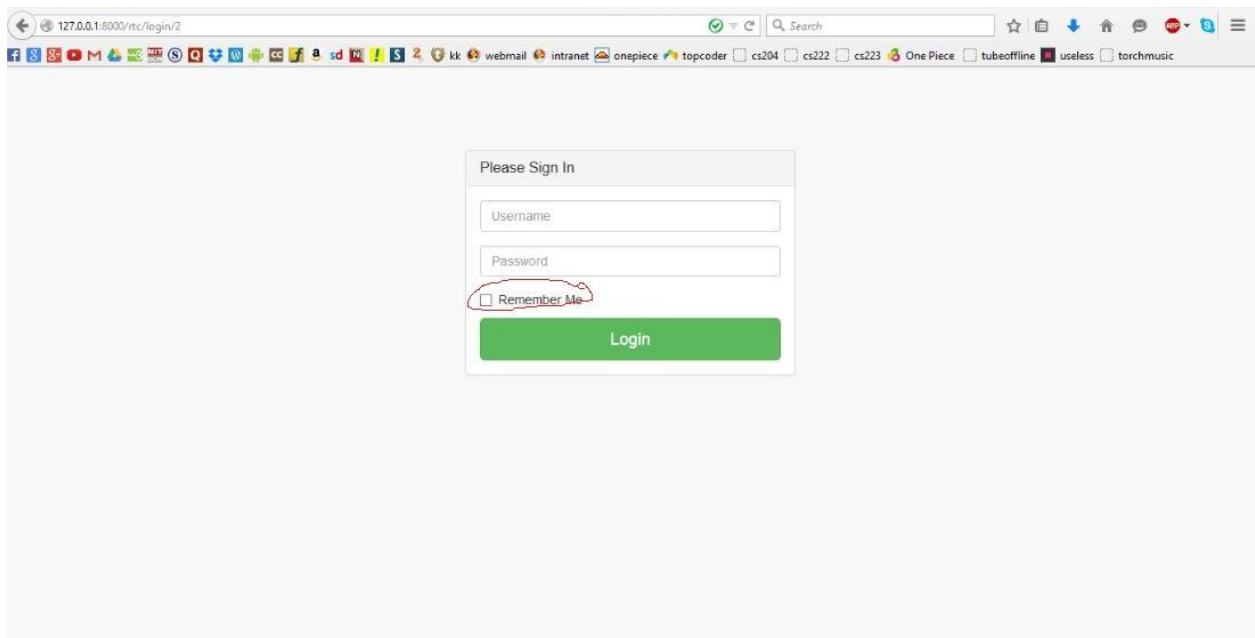HOME : Main page of complaint booking where user can see all complaint in sorted order.

BOOK COMPLAINT : User can book a new complaint.
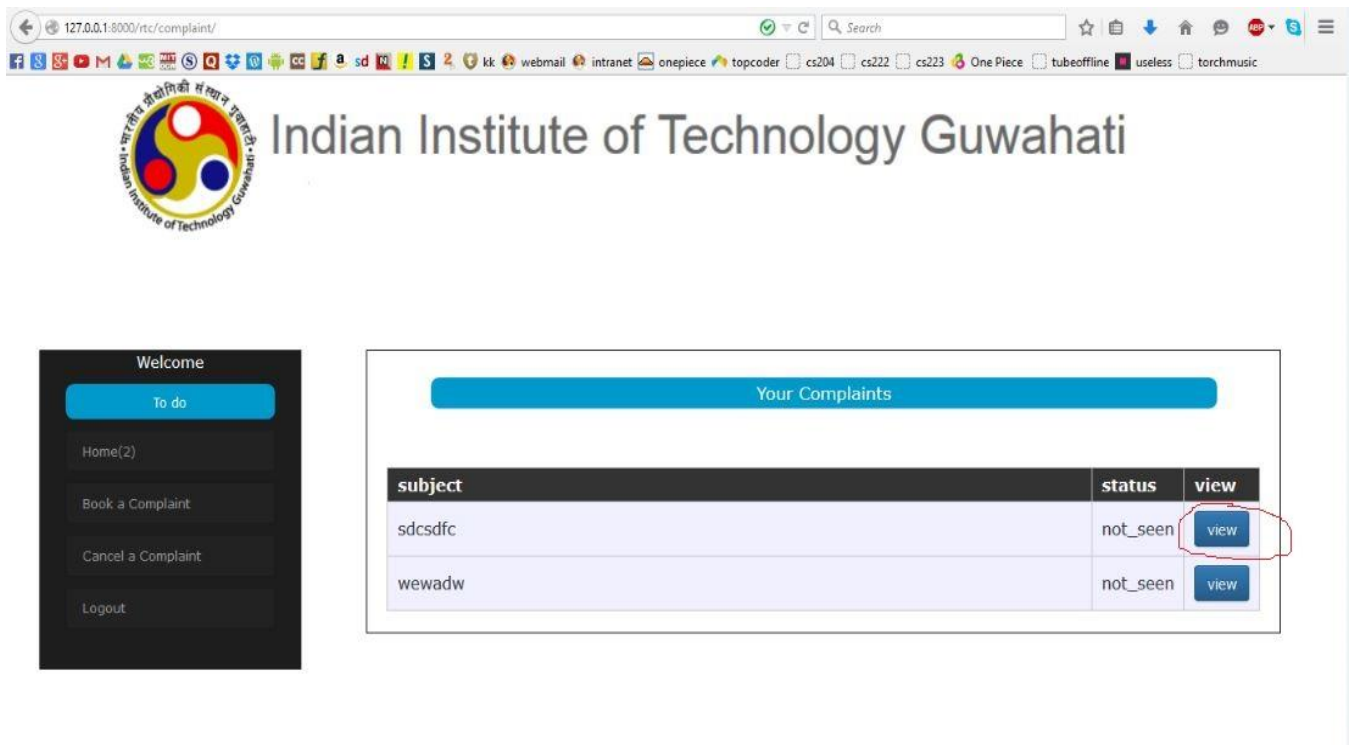
CANCEL REQUEST : User can cancel the unseen requests.

To book an complaint about the hospital   there is an option at the top complaint booking on clicking on that we will be redirected to the login page of the complaint booking form
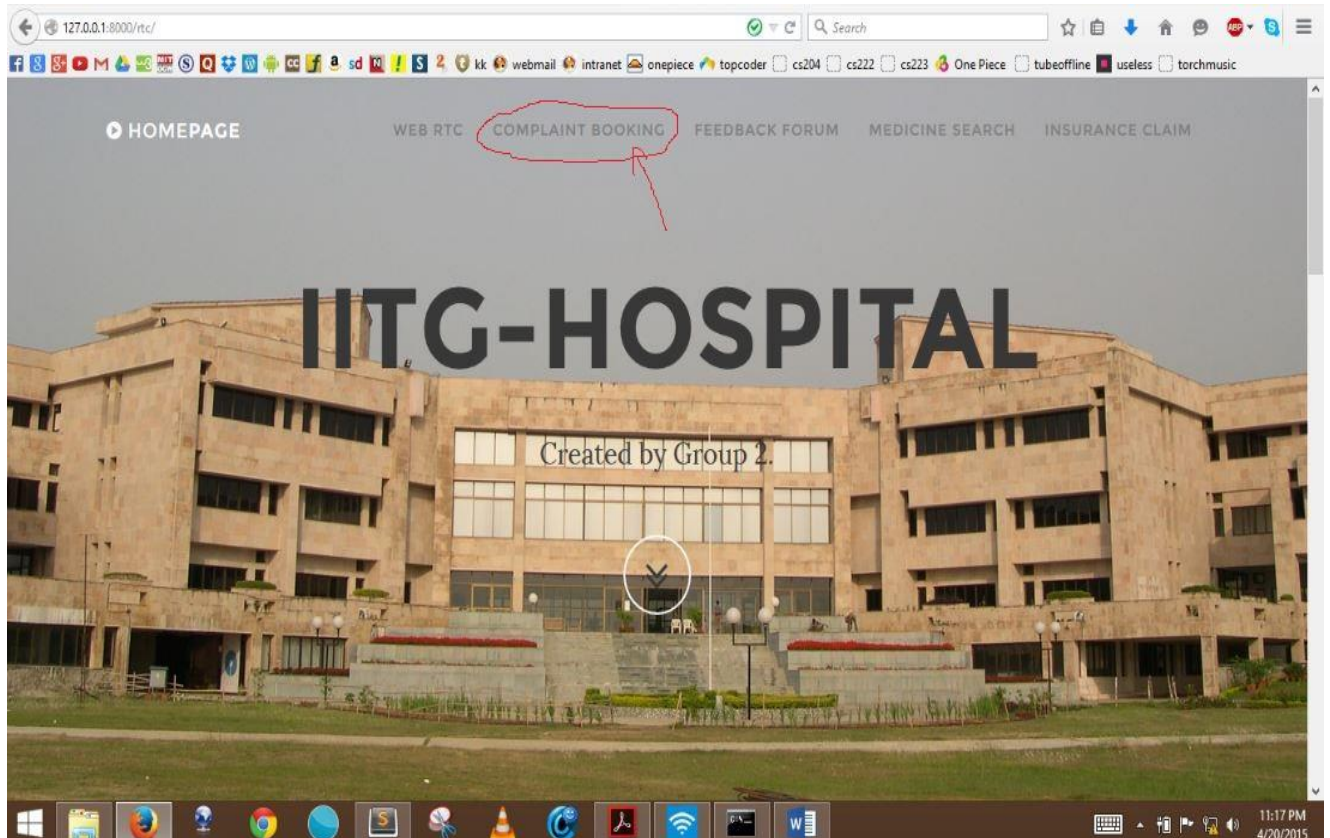
After going to the login page we have to enter over credentilas to login the is also an option called remember me
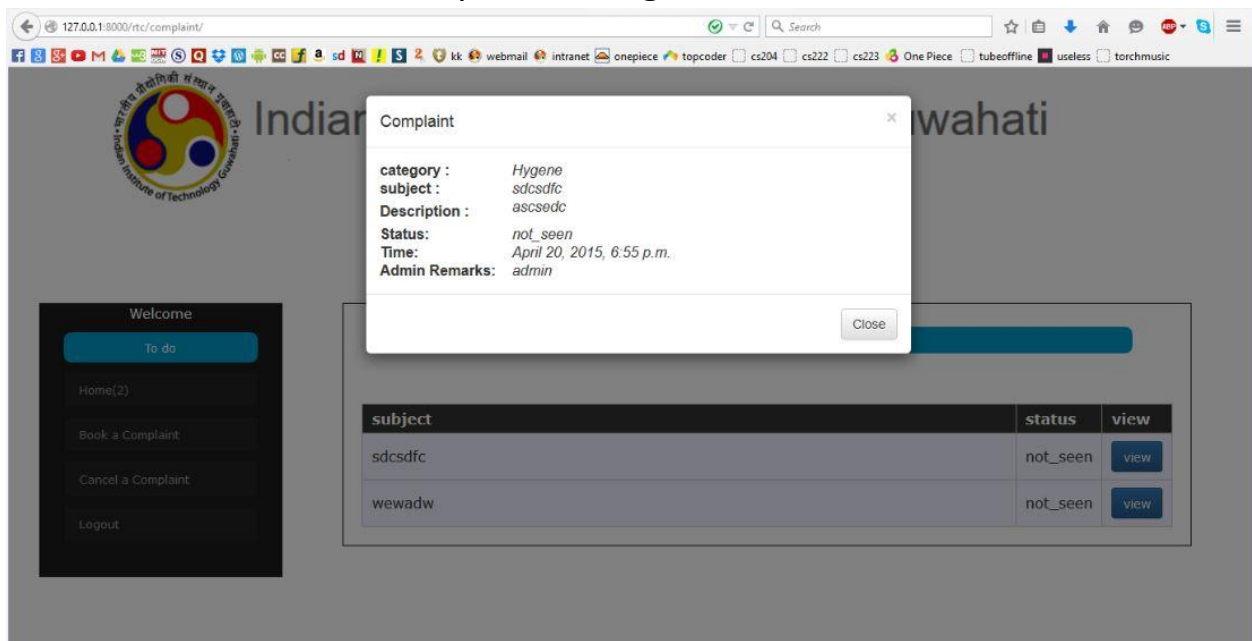
After an successful login we will be redirected the mian page of the complaint booking where we can see our previous complaints subjects and their status along with an view button on the right

On clicking the view button we will see an pop up window where we can see the details of complaint along with status and admin remarks

On the side of the page there is an tab for booking a complaint and cancel a complaint and logout

On clicking the book a complaint we will be redirected to the a page where we can see a form to book a complaint with opion category ,subject and complaint which are necessary and on clicking the submit button the complaint will be booked

And on clicking the can a complaint button we will be redirected to another page where we can see the complaints that are not seen by admin and not seen complaints can only be deleted

On clicking the cacel button we will be asked a confirmation to delete the complaitn on cliking okay the complaint will be deleted

On deleting the complaint we will be redirected to another page where we can see the conformation that the complaint was deleted
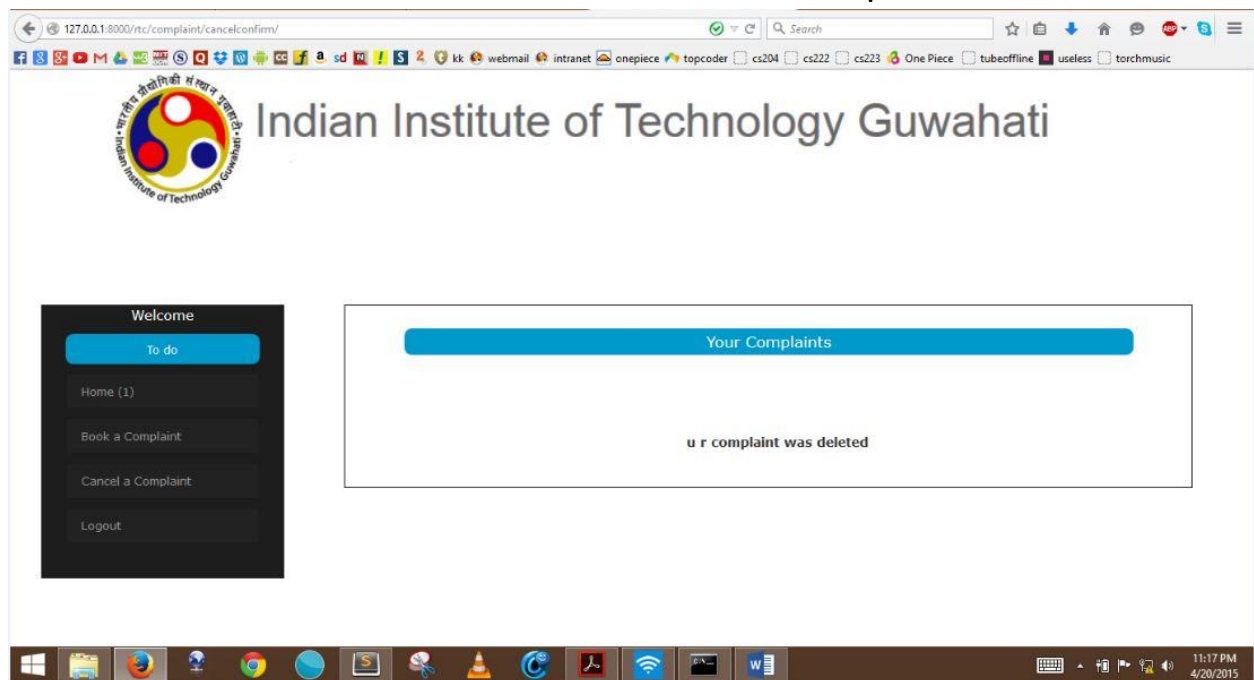
On clicking the logout we will be logout from the complaint booking form   and we will be redirected to the home page.

User Documentation

For

Follow up

Doctors Manual

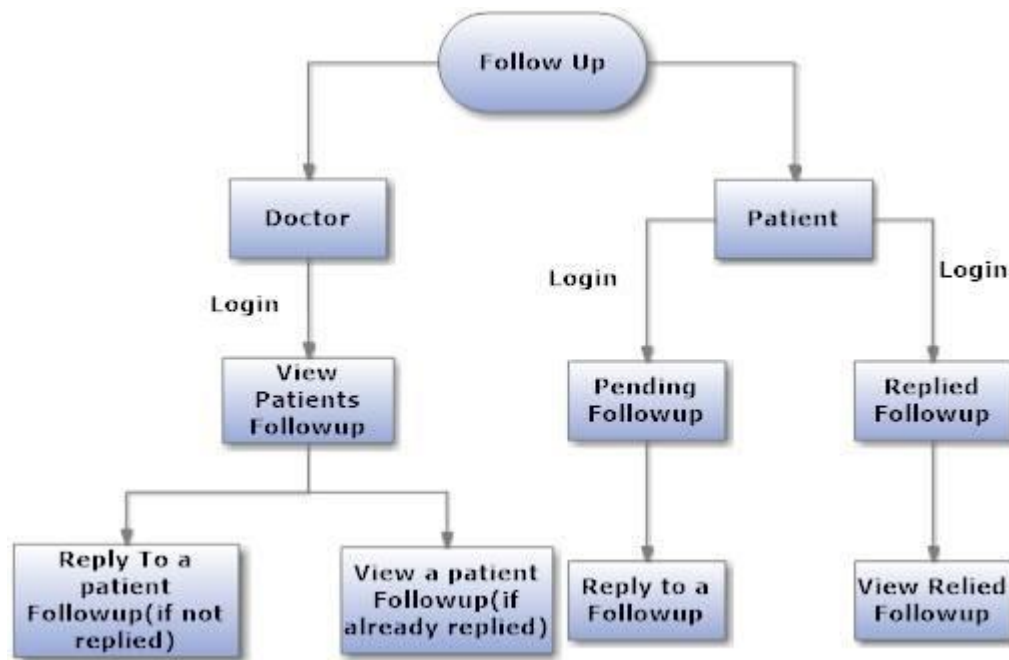When a doctor logs in from the login page he/she will be redirected to a follow up page containing the details of patients who have filled follow up form. There is a **delete** button which allows the doctor to delete a patient's follow up. There is also a **toggle all** checkbox which selects all the patients to delete if the doctor wants to delete all the follow ups filled by the patients at once.

Each patient's name on click redirects to a page containing details of the patients along with the follow up. This page also has a reply field through which the doctor can reply to the patients follow up. If the doctor has already given reply to the patient then there will not be any reply field.

Patient Name: SHASHANK
Registration id: s70
Title: Cold
Description:

Had no relif...Still have cold.

Patient Name: SHASHANK
Registration id: s70
Title: Cough
Description:

Got better Quickly!!

Reply:

submit

There is also a logout button at the upper right corner of every page.

Patients Manual

When a patient logs in from the login page he/she will be redirected to a page containing his/her details, a **delete selected** button, **reset selection** button**, a **toggle all** check box, details of the doctor whose follow up is yet to be filled.

.

The **delete selected** button deletes all the doctors follow up dues if the patient doesn't want to give a follow up.

The **toggle all** checkbox selects all the follow up dues for deletion.

The **reset selction** button resets the selection.

Each Doctor name on click redirects to a page containing doctors details , date and time of visit and a form to fill the follow up and a **submit** button.

The form has a title field , a rating field and a description field in which the rating filed is compulsory.
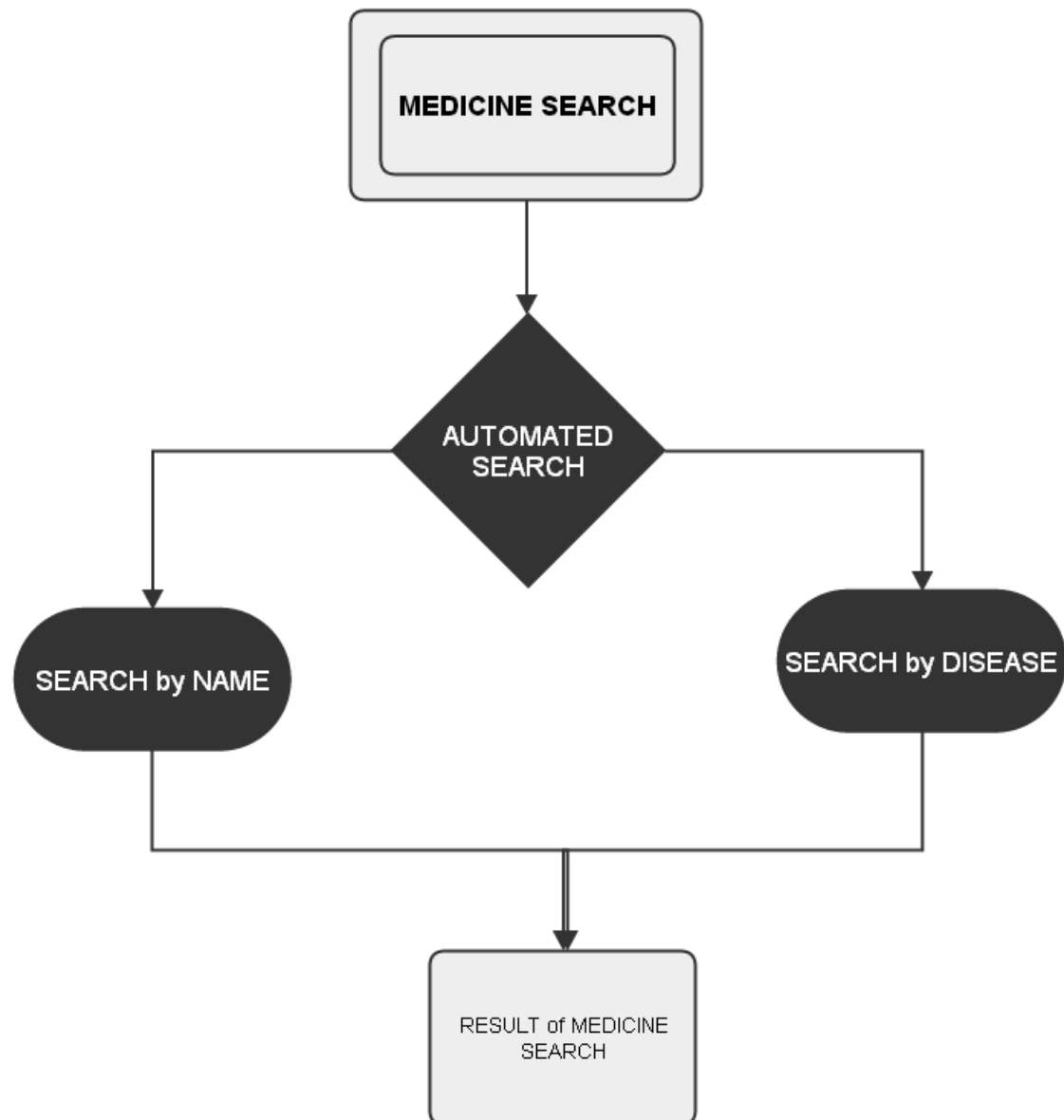
 The **submit** button submits the follow up form, once all the details are filled.

User Documentation

For

Medical Search

MEDICINE SEARCH : This search can be done by any user(patient, doctor and receptionist).

SEARCH OPTION : It is automated and autofill search. It can search medicine by Name and Disease.

RESULT : Result of medicine is shown with many information like price, salt,

Prescription required , disease & power.

To go to this section click on the medicine search section on the top of the page.

Now on clicking on that this the home page that will be shown.

Now if a person wishes to search by disease then on typing the name of the disease real-time search results will be shown just below what he is typing.

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IITG Hospital System
Medical Search

| f | GO |

Filgrastim fever
Furosemide fever,cough
Glucagon fever,cough
Glucose with sodium chloride fever

○name   ◉disease

No Med

Now if a person wishes to search by name then on typing the name of the medicine real-time search results will be shown just below what he is typing.

Indian Institute of Technology Guwahati

IITG Hospital System
Medical Search

| pa | GO |

Hepatitis B Vaccine
Ophthalmological Preparations
Diazepam
Dopamine Hydrochloride
Furosemide

◉name   ○disease

No Med

On clicking the go button the results will be shown as follows:

IITG Hospital System
Medical Search

Enter text to search | GO

○name ◉disease

Medicine List	
Name	Diazepam
Salt	Azete
Amount	200
Cost	100.0
Disease	Ebola
Prescription	False
Info	

User Documentation

For

Insurance
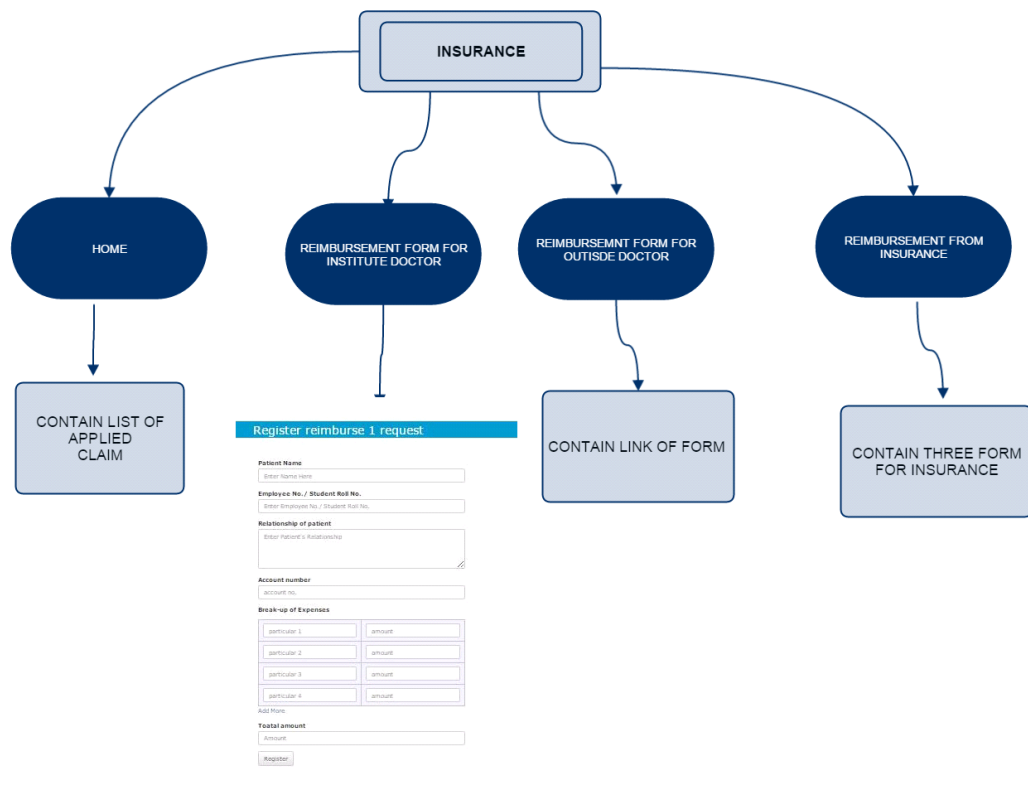
INSURANCE :This page contains all types of way to apply for the reimbursement.

Home : This contain lists of applied reimbursement.

Reimbursement from institute doctor : It consist of form which have to be filled online.

Reimbursement from outisde doctor: It consist of form that have to be filled manually and to be submitted to office.

Reimbursement from Insurance : This contains the link which will transfer to Rakshak tpa.

FAQ : It consist of all types of important question and answer which will sort out doubt of Patient.
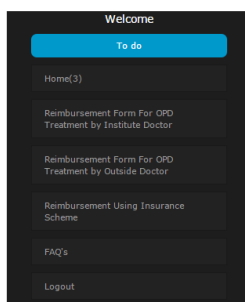
To go to the insurance section,click on the insurance claim at the top of the page.

Now,enter the login credentials.

Upon successful login if you are a patient trying to get reimbursement then you will be redirected to this page.
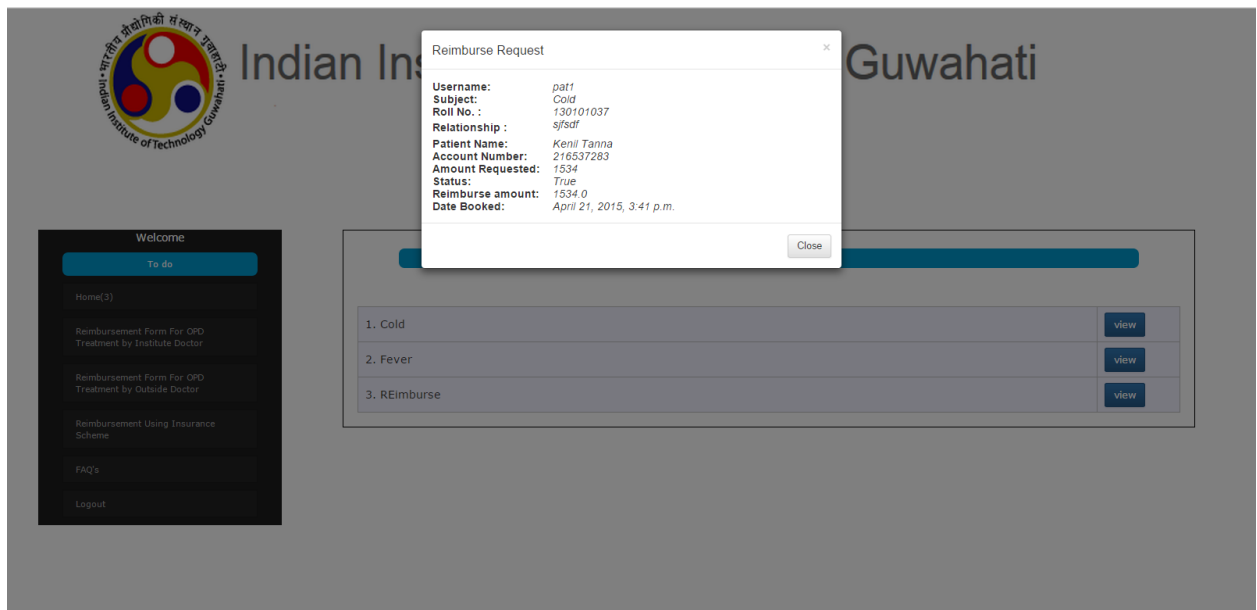

Now on clicking the view button in the home page the person can see the details about his previous claims about the insurance.

Now on clicking on "reimbursement form for OPD treatment by institute doctor" he will be shown a form to fill for the reimbursement.
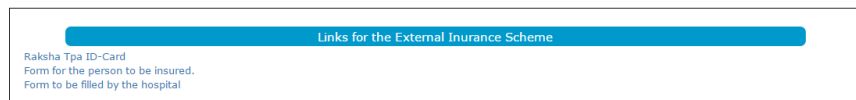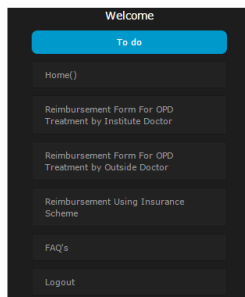

Now on clicking on submit,this form will be submitted and now for the other links like FAQ's and reimbursement form for OPD

treatment by outside doctor he will directed to the intranet medical section.

On clicking on the external reimbursement scheme he will be redirected to a page where all the links regarding external reimbursement will be shown.

Indian Institute of Technology Guwahati

Welcome
To do
Home()
Reimbursement Form For OPD Treatment by Institute Doctor
Reimbursement Form For OPD Treatment by Outside Doctor
Reimbursement Using Insurance Scheme
FAQ's
Logout

Links for the External Inurance Scheme

Raksha Tpa ID-Card
Form for the person to be insured.
Form to be filled by the hospital

Now if the login is by an accountant then he will be showing the following page where on his home he can see all the pending requests.

If there are no pending requests then this will be shown:

If he clicks on a specific request then he will be shown this page where he will have to write an approved reimbursement amount.

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Welcome

To do

Home()

Logout

Username:	pat1
Roll no.	130101086
Relationship with Patient:	Self
Patient name:	Mayank
Account number:	1232234234

Particular	Amount
Fever	152
Cold	241

Total amount requested: 393

Reimburse amount:

amount

Reimburse Submit