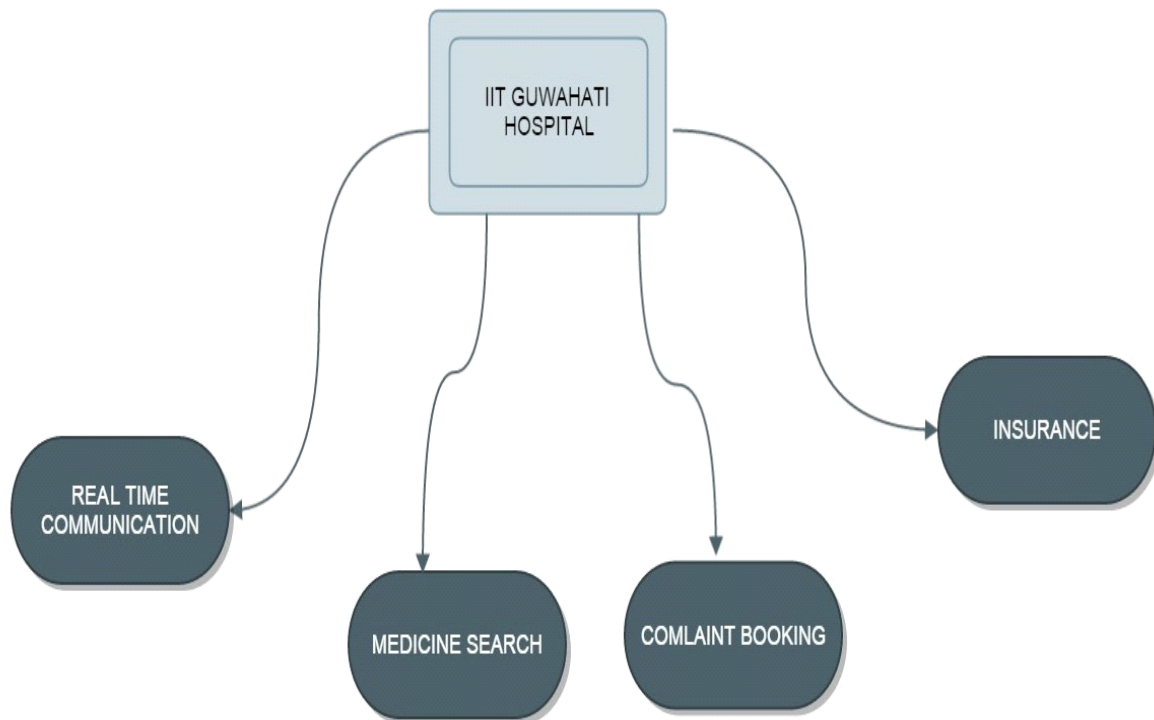


INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

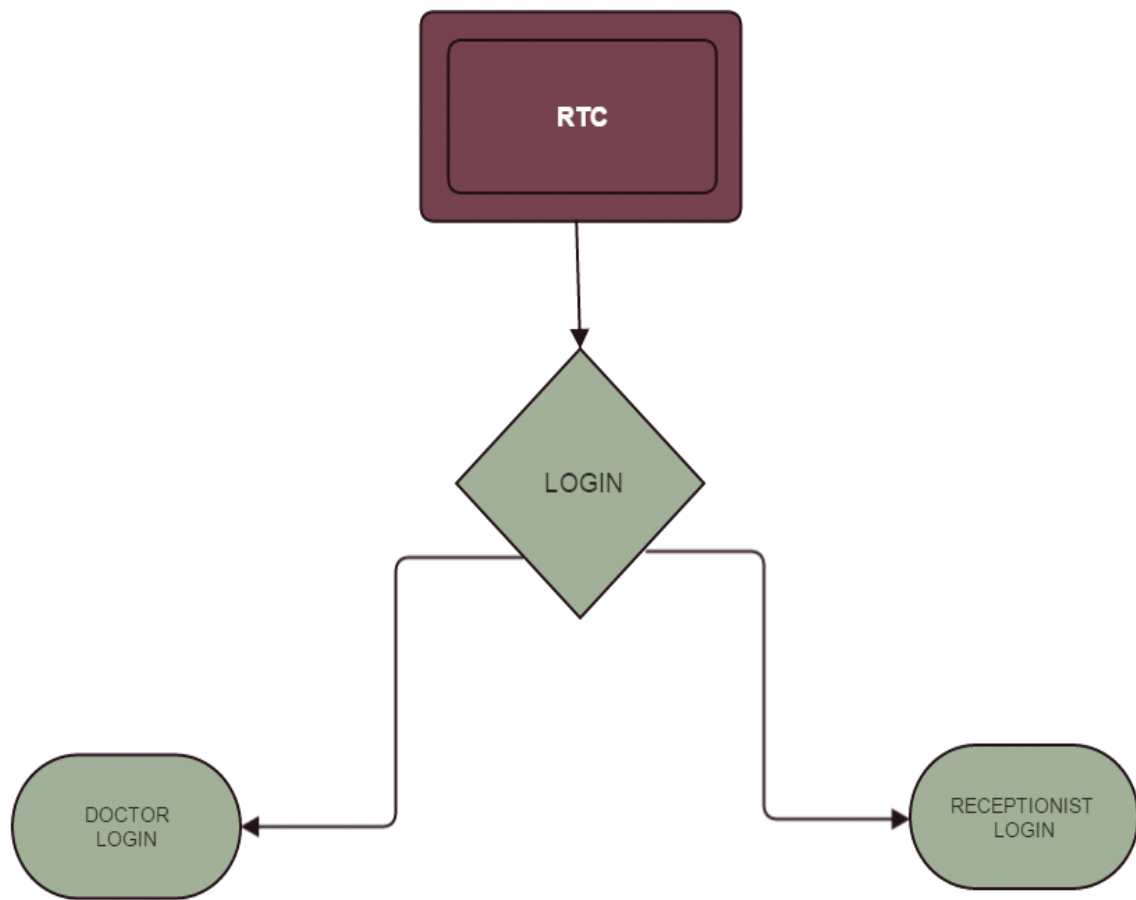
HOSPITAL MANAGEMENT SYSTEM
WEB APPLICATION BY GROUP 2

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*.

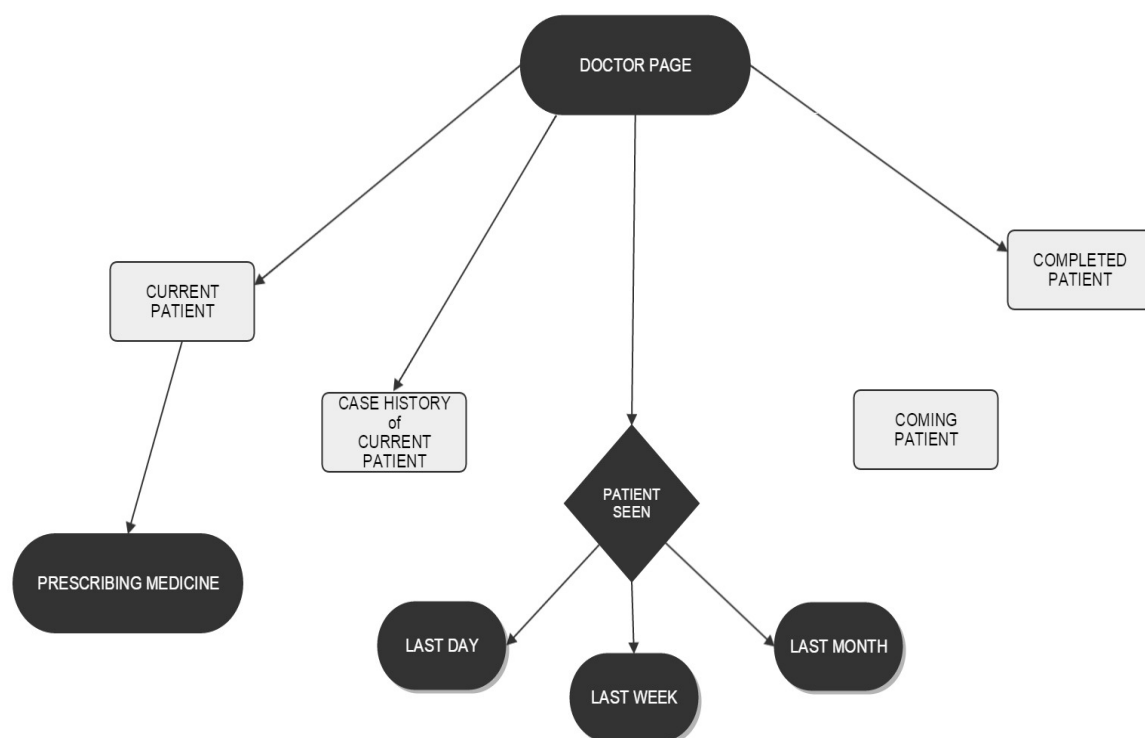
Case History : History of current *patient*.

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

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

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

Prescribe Medicine : 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*.

Screenshot of Doctor home-page :

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 mediclene names

Name of Mediclene

1M

Name of Mediclene

1M

Name of Mediclene

1M

Name of Mediclene

1M

Name of Mediclene

1M

Next Visit

Next Visit

Add More

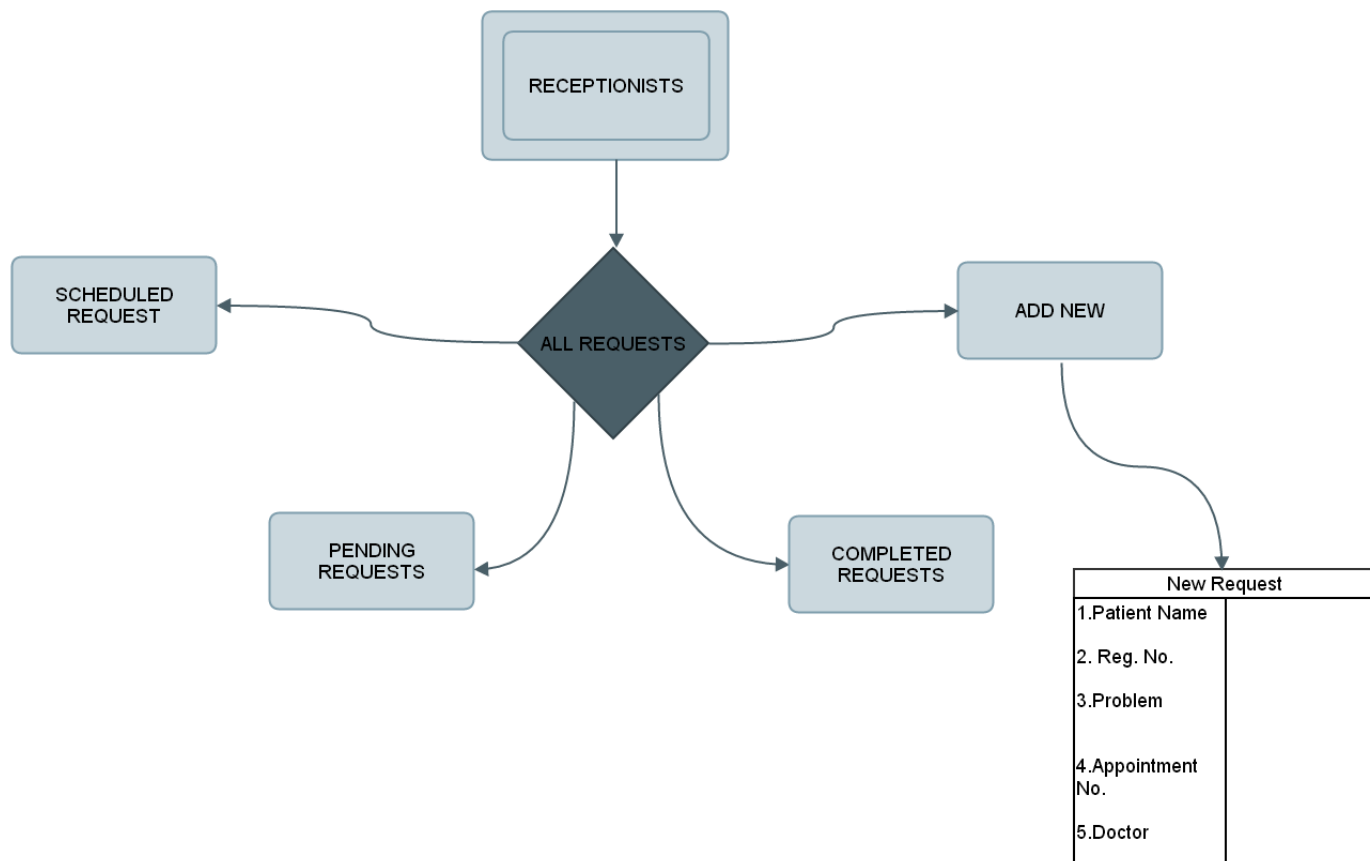
Prescribe Mediclenes

Coming Patients

Completed Patients

patient1

RECEPTIONIST PAGE :



RECEPTIONIST PAGE: This page consist of requests for scheduling and adding new request which is done by *Receptionist*.

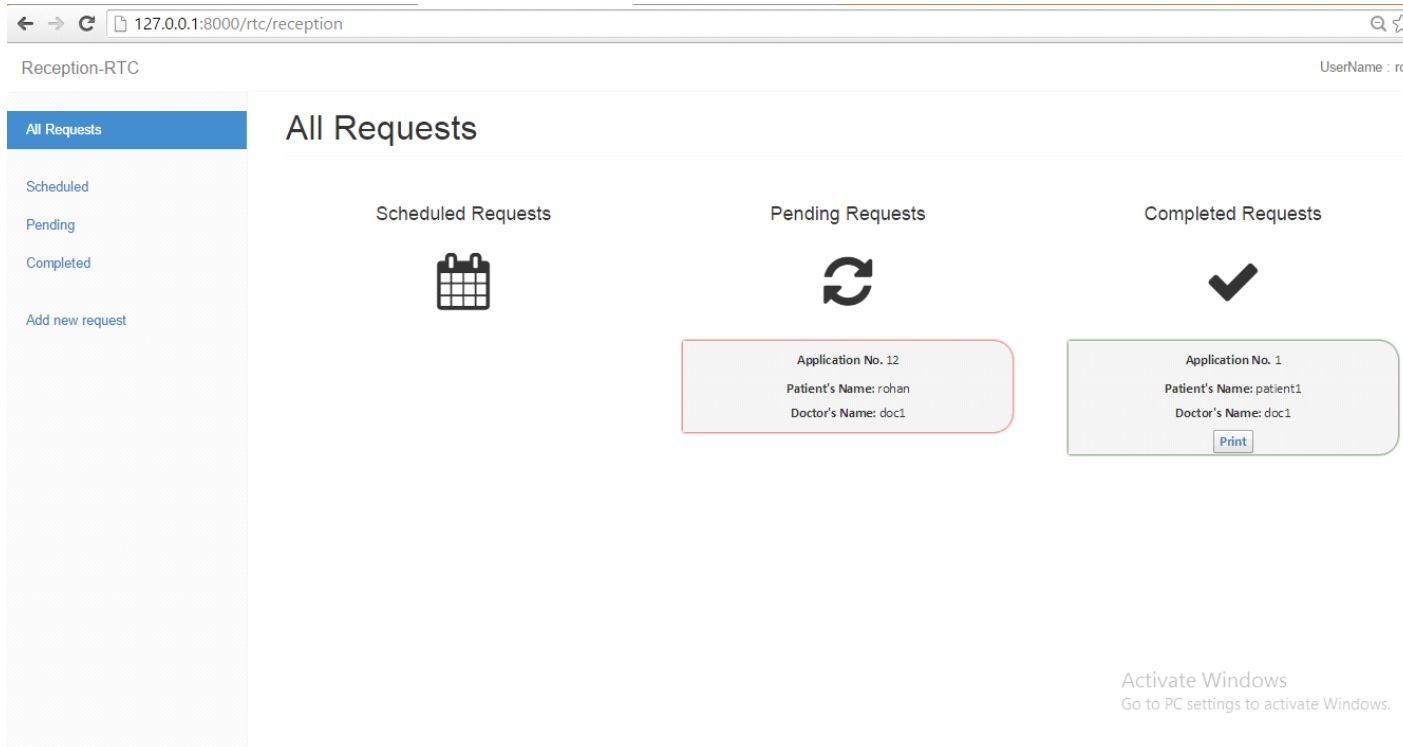
Scheduled Request : Request which are scheduled by *Receptionist*.

Pending Request : Requests which are not seen by *Doctor*.

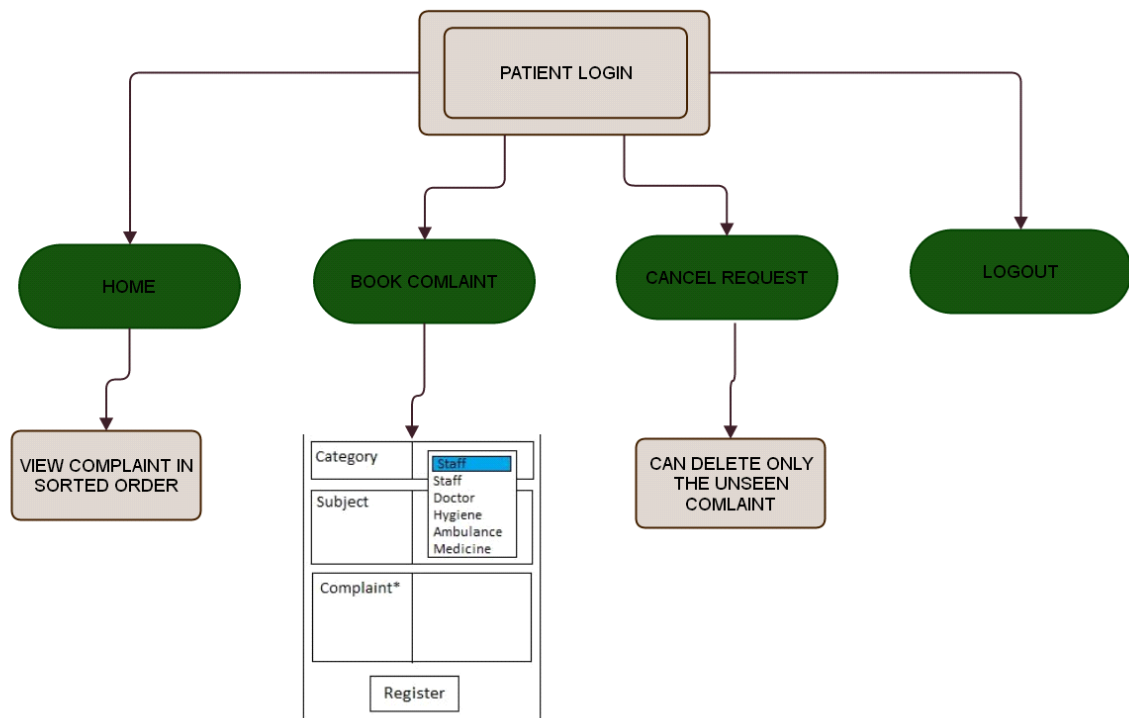
Completed Request : Requests which are seen by *Doctor*.

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

SCREENSHOT of RECEPTIONIST PAGE :



User Documentation For Complaint Booking



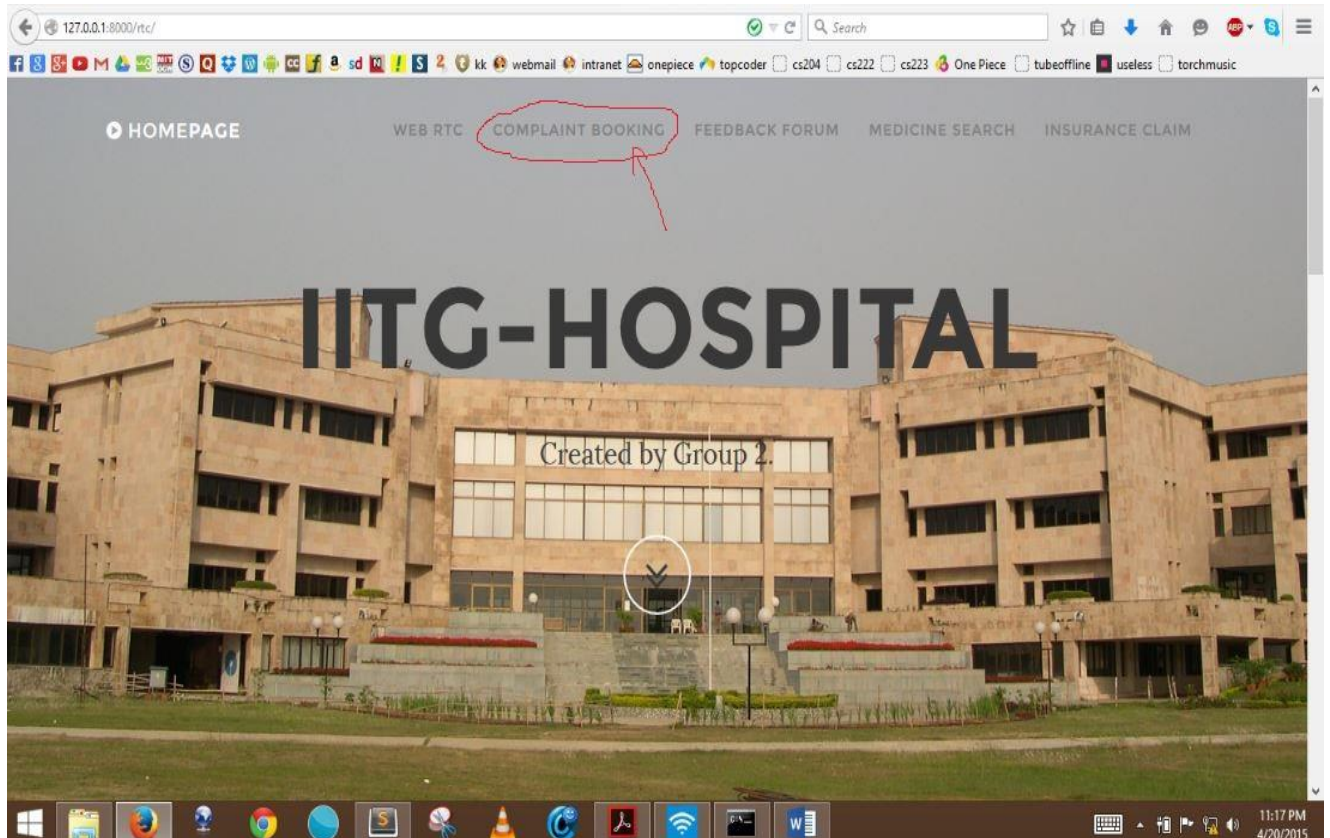
COMPLAIN BOOKING :- Patient can book a complain regarding staff, doctor, hygiene, ambulance & medicine.

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

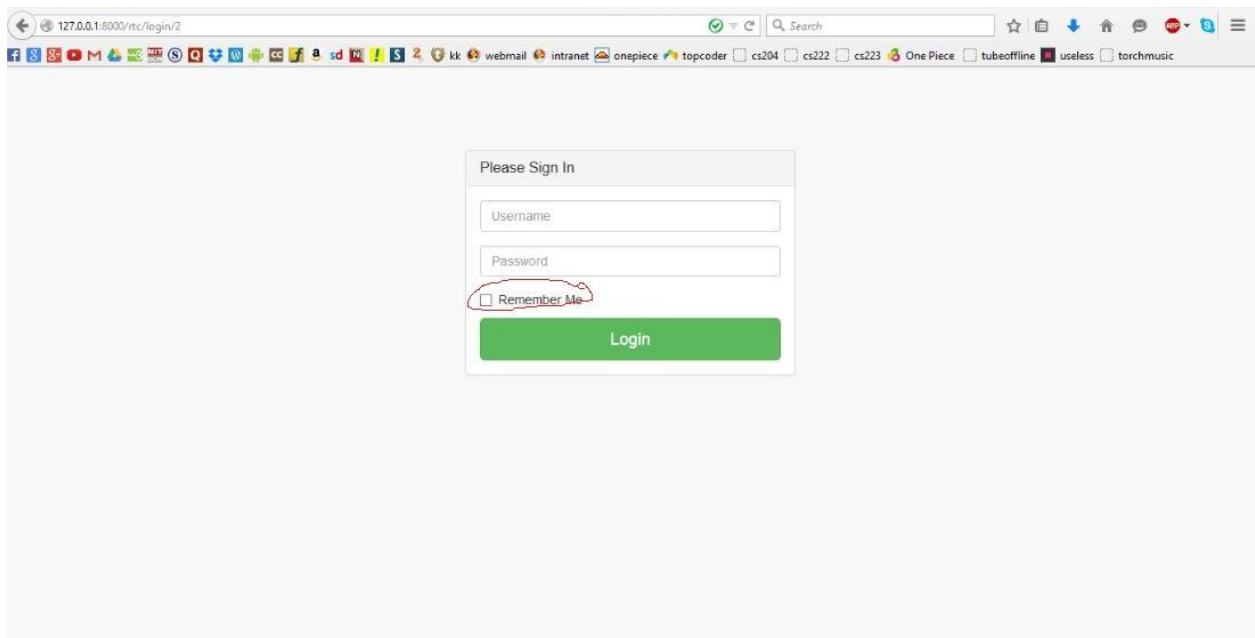
BOOK COMPLAINT : User can book a new complaint.

CANCEL REQUEST : User can cancel the unseen requests.

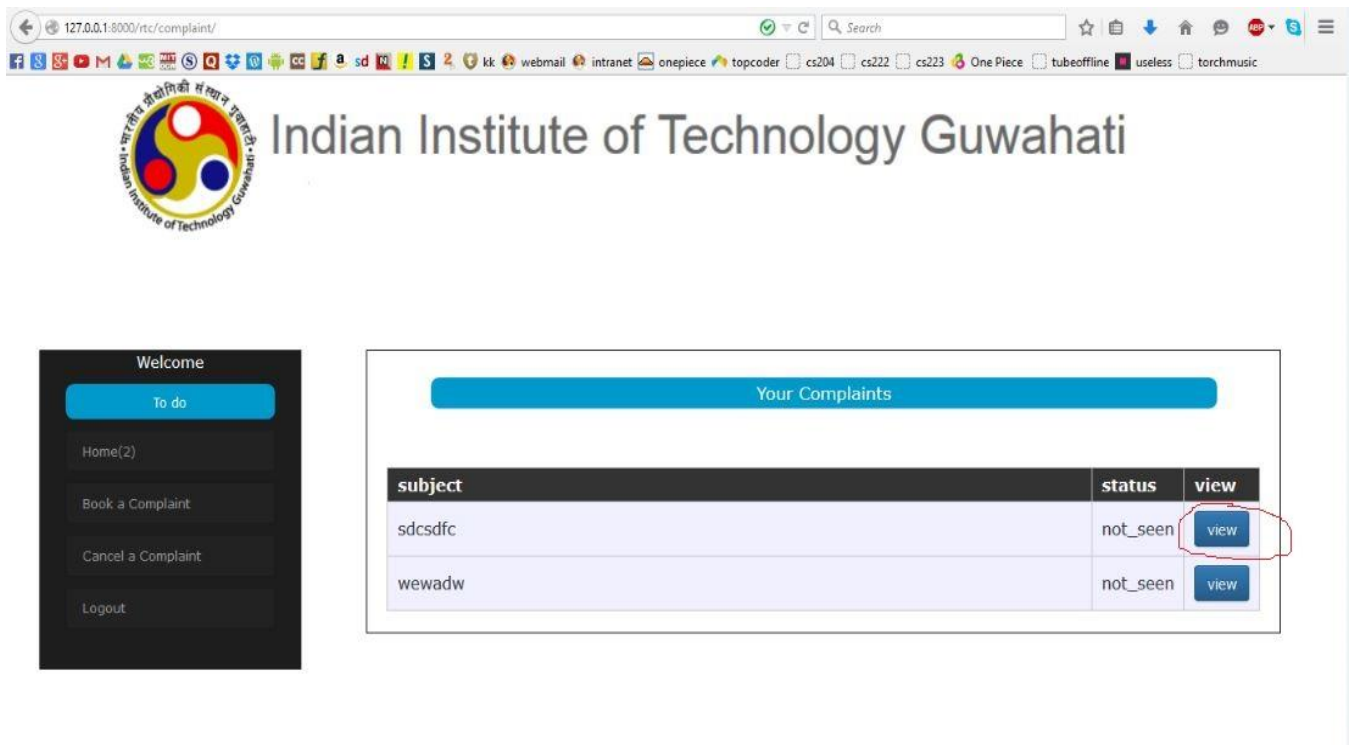
To book an complaint about the hospital there is an option at the top complaint booking on clicking on that we will be redirected to the login page of the complaint booking form



After going to the login page we have to enter over credentilas to login the is also an option called remember me



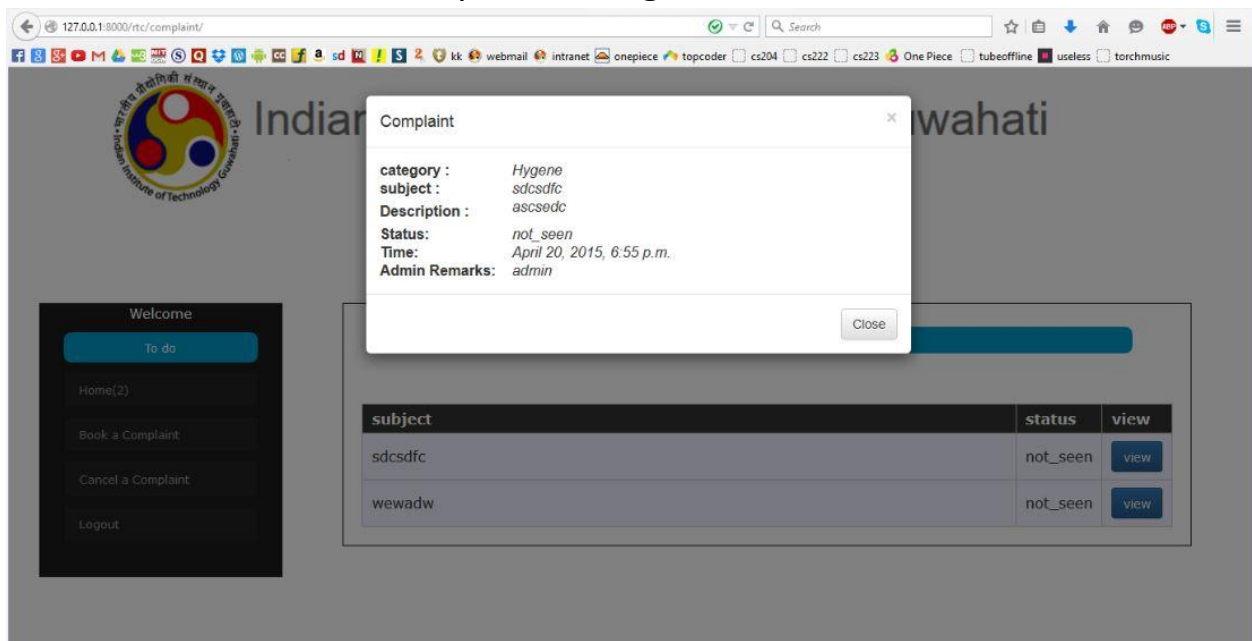
After an successful login we will be redirected the mian page of the complaint booking where we can see our previous complaints subjects and their status along with an view button on the right



The screenshot shows the main page of the complaint booking system. The header includes the IIT Guwahati logo and name. The sidebar on the left contains a 'Welcome' message and a 'To do' button, followed by links for 'Home(2)', 'Book a Complaint', 'Cancel a Complaint', and 'Logout'. The main content area is titled 'Your Complaints' and displays a table of complaints.

subject	status	view
sdcscdfc	not_seen	view
wewadw	not_seen	view

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



The screenshot shows the same main page as before, but with a pop-up window titled 'Complaint' open. The pop-up displays the following details:

- category : Hygene
- subject : sdcscdfc
- Description : ascsedc
- Status: not_seen
- Time: April 20, 2015, 6:55 p.m.
- Admin Remarks: admin

The pop-up also has a 'Close' button in the bottom right corner. The background table of complaints is still visible but slightly dimmed.

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

The screenshot displays a web application interface. On the left is a dark sidebar menu titled 'Welcome' with a 'To do' button and links for 'Home(2)', 'Book a Complaint', 'Cancel a Complaint', and 'Logout'. The main content area is titled 'Complaint Booking' and contains a form with the following fields: 'Category' (a dropdown menu currently showing 'staff'), 'Subject*' (a text input field), and 'complaint*' (a larger text area). A 'submit' button is located at the bottom right of the form. The browser's address bar shows the URL '127.0.0.1:8000/rtc/complaint/booking/'. The Windows taskbar at the bottom shows the time as 11:17 PM on 4/20/2015.

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

127.0.0.1:8000/rtc/complaint/cancel/

Indian Institute of Technology Guwahati

Welcome

To do

Home (2)

Book a Complaint

Cancel a Complaint

Logout

Your Complaints

*u can delete only unprocessed complaints

subject	view	cancel
sdcsdfc	view	cancel
wewadw	view	cancel

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

127.0.0.1:8000/rtc/complaint/cancel/

Indian Institute of Technology Guwahati

Welcome

To do

Home (2)

Book a Complaint

Cancel a Complaint

Logout

Complaints

*u can delete only unprocessed complaints

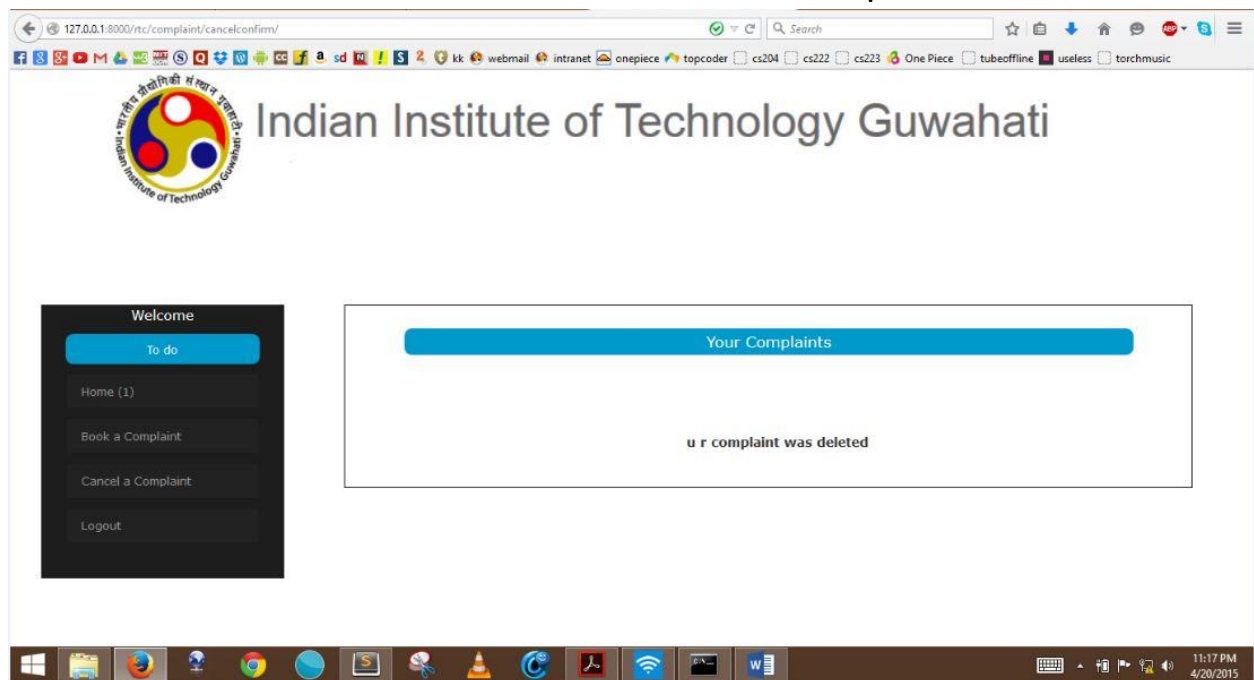
u r deleting a complaint

OK

subject	view	cancel
sdcsdfc	view	cancel
wewadw	view	cancel

11:17 PM 4/20/2015

On deleting the complaint we will be redirected to another page where we can see the conformation that the complaint was deleted



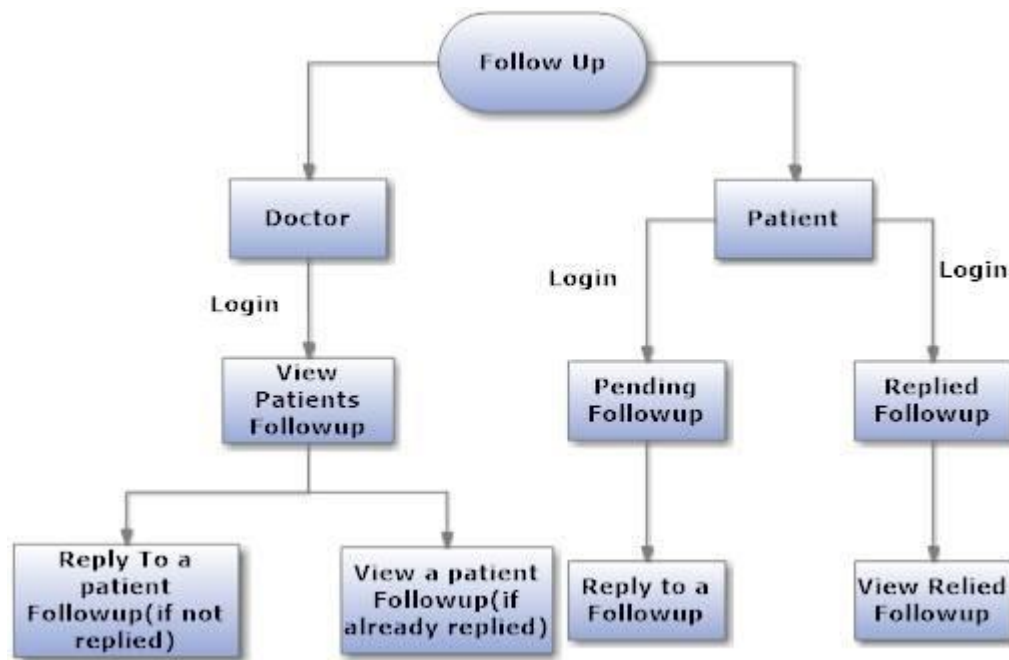
On clicking the logout we will be logout from the complaint booking form and we will be redirected to the home page.

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.

The screenshot shows a web browser window with the URL `172.16.25.199:8000/rtc/f1/`. The page title is 'Follow Ups' and the user is logged in as 'Doctor-RTC'. The page contains a 'delete' button and a 'Toggle All' checkbox. Below these are three rows of patient follow-up data:

Follow Ups
<input type="checkbox"/> SHASHANK Problem: Cold - Prescription object
<input type="checkbox"/> SHASHANK Problem: Cough - Prescription object
<input type="checkbox"/> SIDDHARTH Problem: nice - Prescription object

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.

Home doct ▶

Patient Name: SHASHANK

Registration id: s70

Title: Cold

Description:

Had no relief...Still have cold.

Home doct ▶

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 screenshot displays a web application interface for a patient's follow-up portal. The top header shows the user's name 'SIDDHARTH' and a dropdown menu 'pat72'. The left sidebar contains two links: 'Replied Followups' and 'Pending Followups'. The main content area is titled 'Welcome to Follow up Portal'. Below the title, there are two buttons: 'delete selected' and 'reset selection'. A table follows, listing follow-up details for five doctors. The table has five columns: 'Doctor's Name', 'Prescription ID', 'Disease', 'Prescription Time', and 'next visit'. The data rows are as follows:

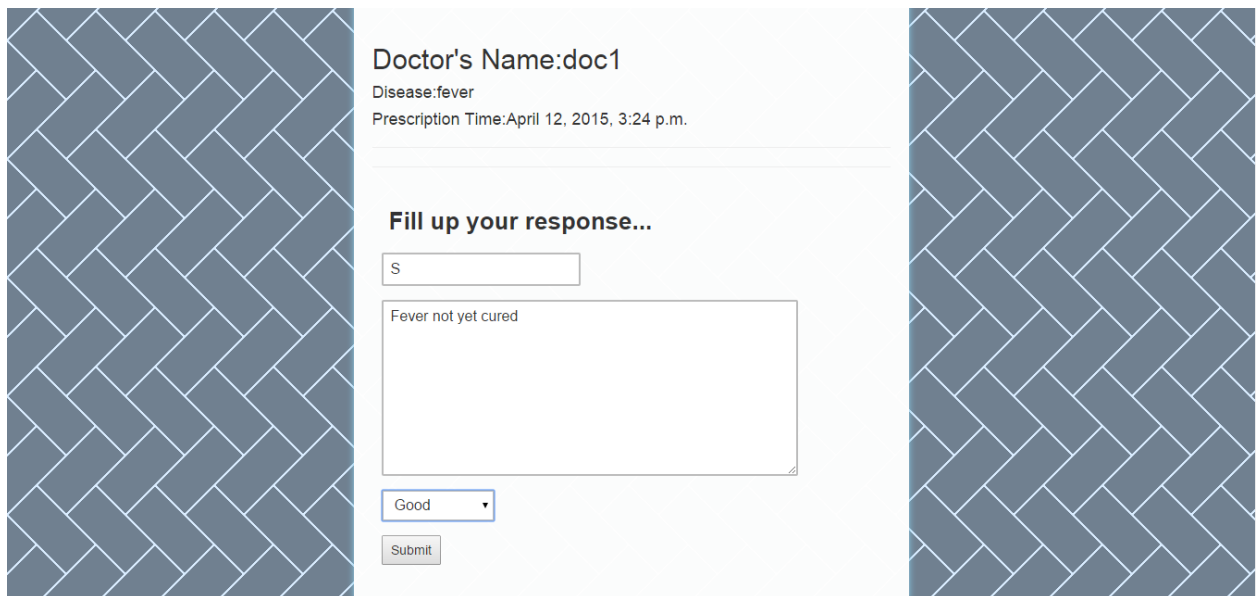
Doctor's Name	Prescription ID	Disease	Prescription Time	next visit
Dr Doctor1	20	fever	April 12, 2015, 3:24 p.m.	4
Dr Doctor4	30	Ebola	April 14, 2015, 3:32 p.m.	3
Dr Doctor1	32	Fracture	April 14, 2015, 3:39 p.m.	3
Dr Doctor2	39	Bird Flu	March 25, 2015, 3:50 p.m.	10

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 selection** button resets the selection.

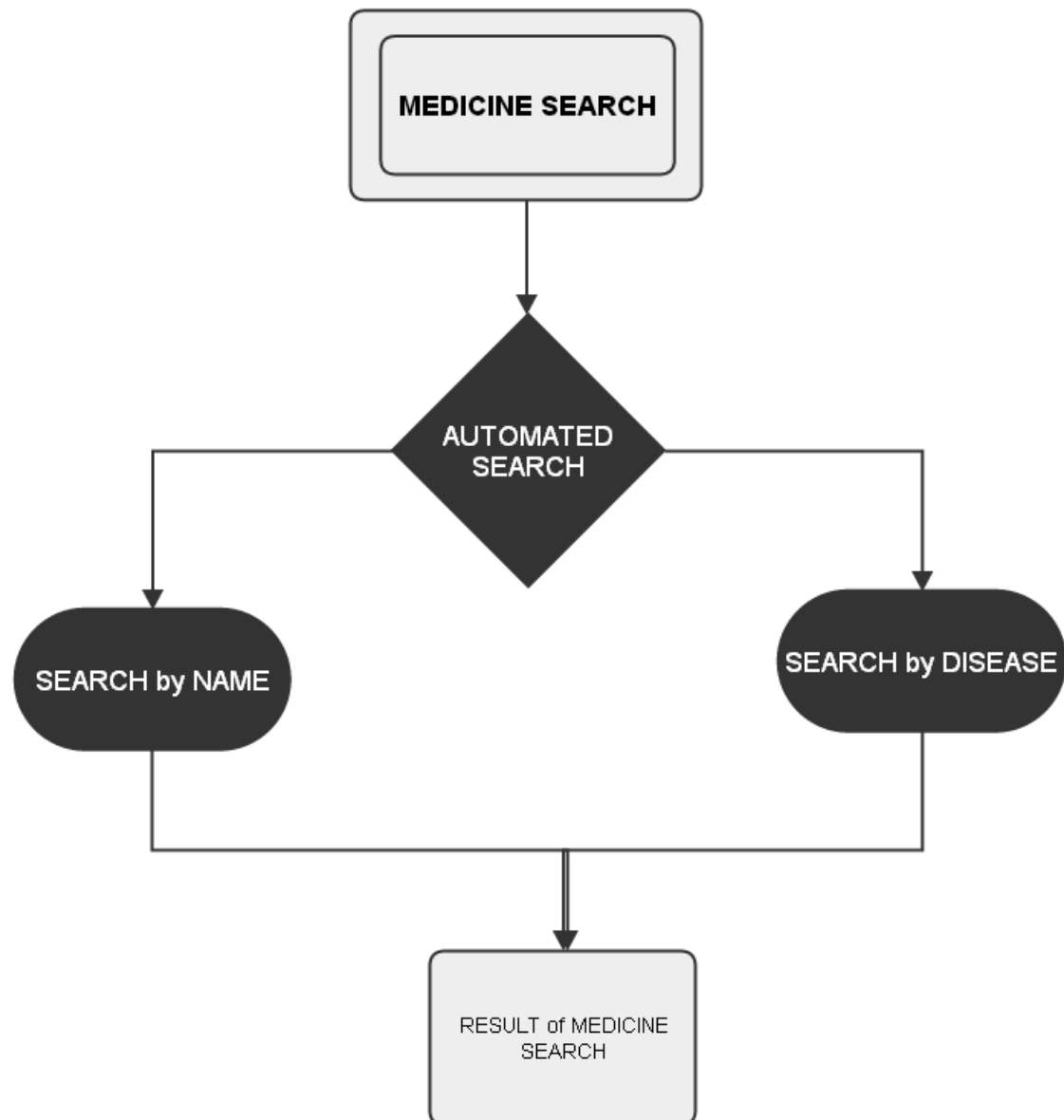
Each Doctor name on click redirects to a page containing doctors details , date and time of visit and a form to fill the follow up and a **submit** button.

A screenshot of a web form for a doctor's follow-up. The form is centered on a light gray background, flanked by two vertical panels with a blue and white herringbone pattern. The form itself has a white background. At the top, it displays 'Doctor's Name: doc1', 'Disease: fever', and 'Prescription Time: April 12, 2015, 3:24 p.m.' in a small, gray font. Below this, the heading 'Fill up your response...' is in bold. There are three input fields: a small text box containing the letter 'S', a larger text area containing the text 'Fever not yet cured', and a dropdown menu currently showing 'Good'. At the bottom of the form is a 'Submit' button.

The form has a title field , a rating field and a description field in which the rating field 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.



Indian Institute of Technology Guwahati

IITG Hospital System

Medical Search

Enter text to search

GO

☐name ☒disease

No Med

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.



Indian Institute of Technology Guwahati

IITG Hospital System

Medical Search

- 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

- 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:



Indian Institute of Technology Guwahati

IITG Hospital System

Medical Search

Enter text to search

GO

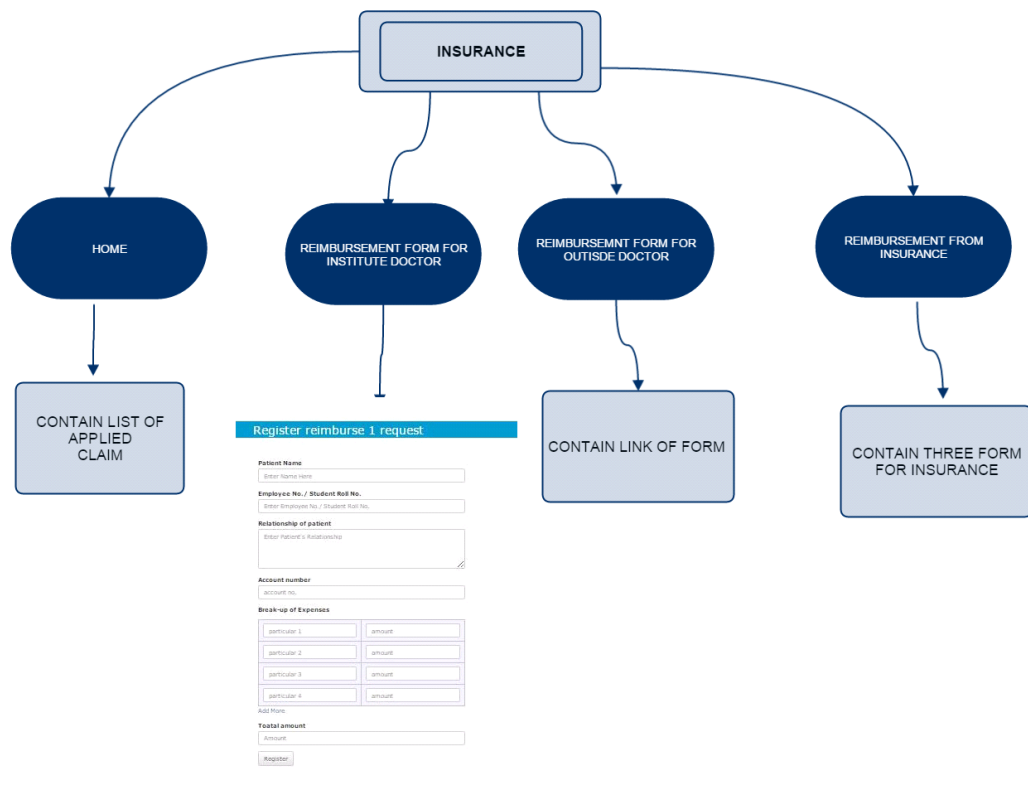
Ⓜname

Ⓜ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 outside 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.

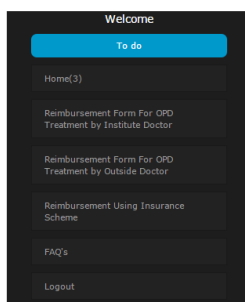
To go to the insurance section,click on the insurance claim at the top of the page.

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.

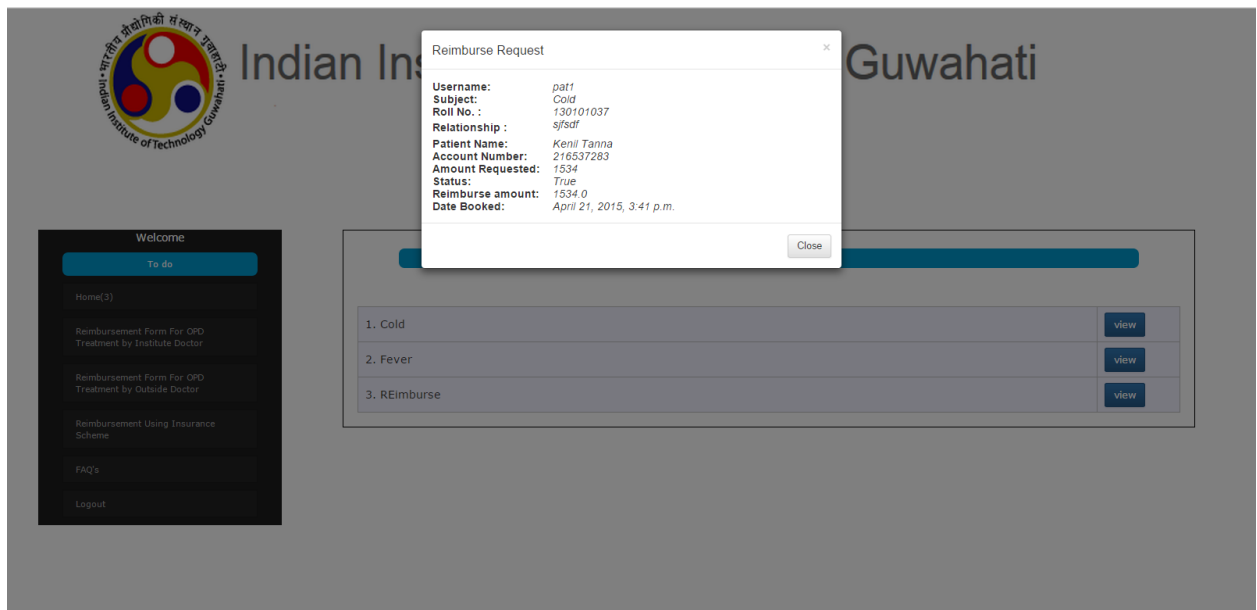


Indian Institute of Technology Guwahati



Your Claims	
1. Cold	view
2. Fever	view
3. REimburse	view

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.

The screenshot shows the Indian Institute of Technology Guwahati website. The 'Register reimburse 1 request' form is displayed, containing the following fields:

- Subject:
- Patient Name:
- Employee No. / Student Roll No.:
- Relationship of patient:
- Account number:
- Break-up of Expenses:

particular	amount
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
- Total amount:
- Register:

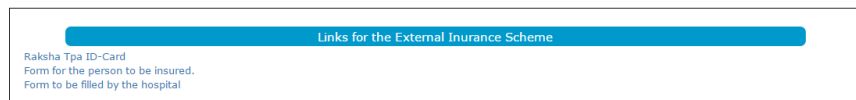
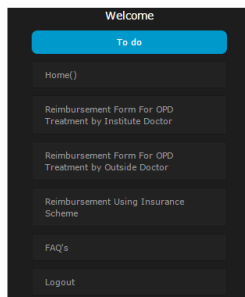
Now on clicking on submit, this form will be submitted and now for the other links like FAQ's and reimbursement form for OPD

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



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.



Indian Institute of Technology Guwahati

Welcome

To do


Home()

Logout

Pending Requests

1. Fever
2. Fever
3. REImburse

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



Indian Institute of Technology Guwahati

Welcome

To do

Home()

Logout

Pending Requests

No Reimburse Requests

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



Indian Institute of Technology Guwahati

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