

# User Manual

## For

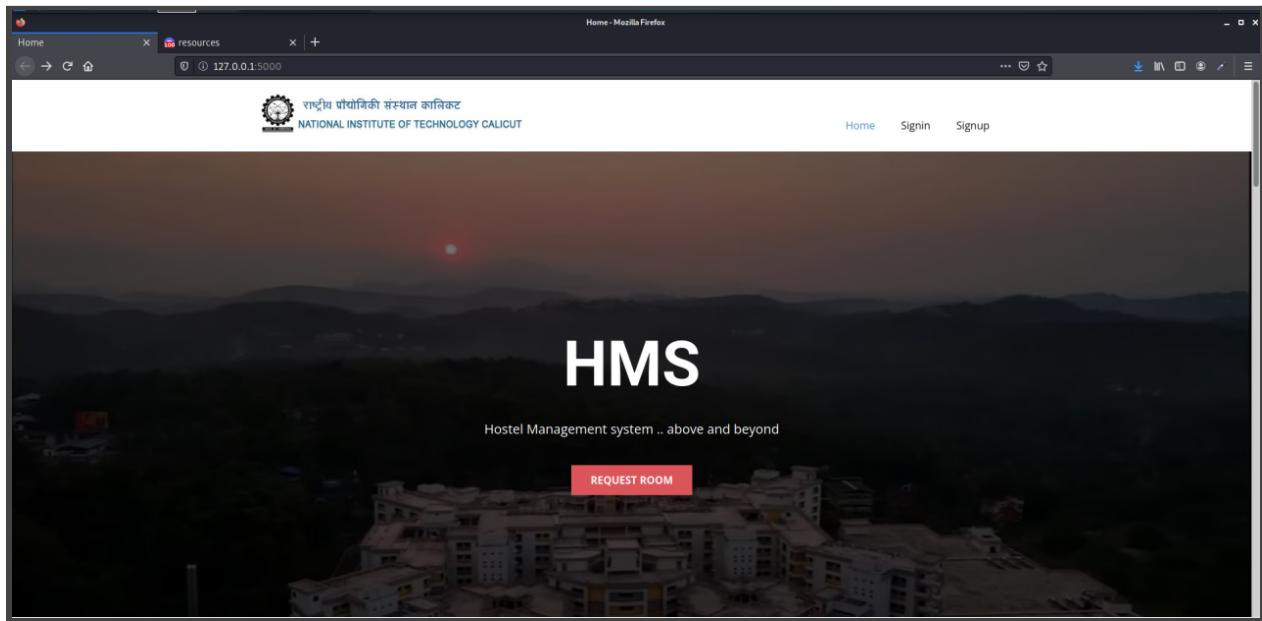
## Hostel Room Allocation System

By ,  
Group 28

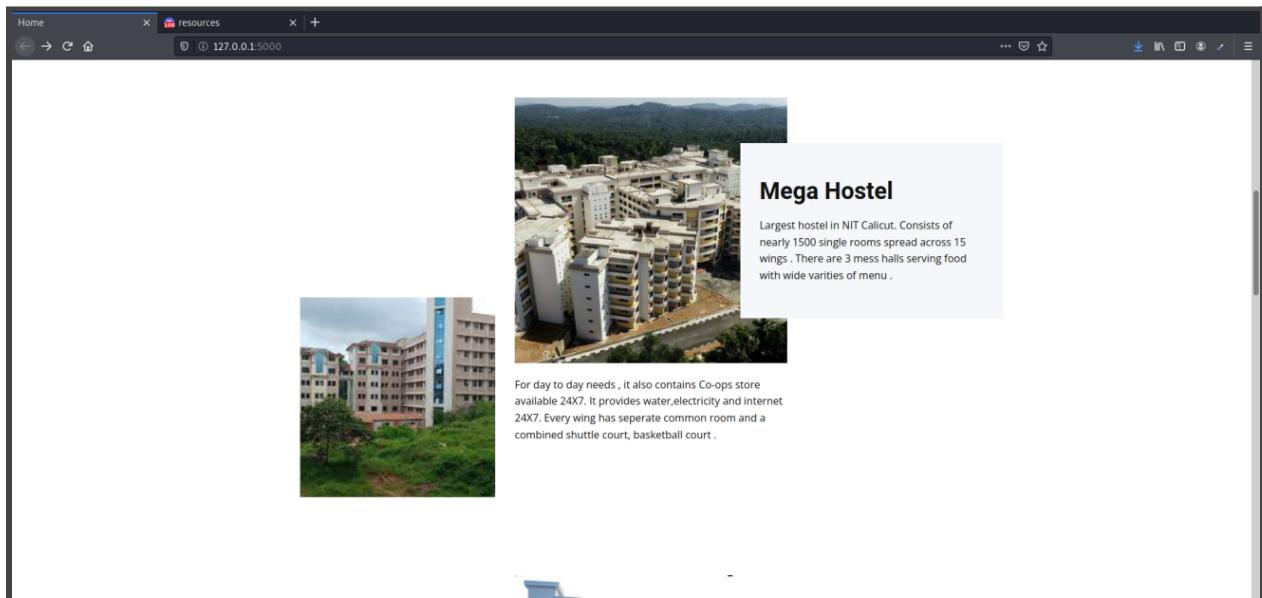
Siruvalam Karthik	B190531CS	<a href="mailto:karthik_b190531cs@nitc.ac.in">karthik_b190531cs@nitc.ac.in</a>
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## Home Page :

Users will be redirected to this page initially. This page contains all information about the hostels, their functionalities and along with their gallery. If a student press request room then he will be redirected to sign in page.



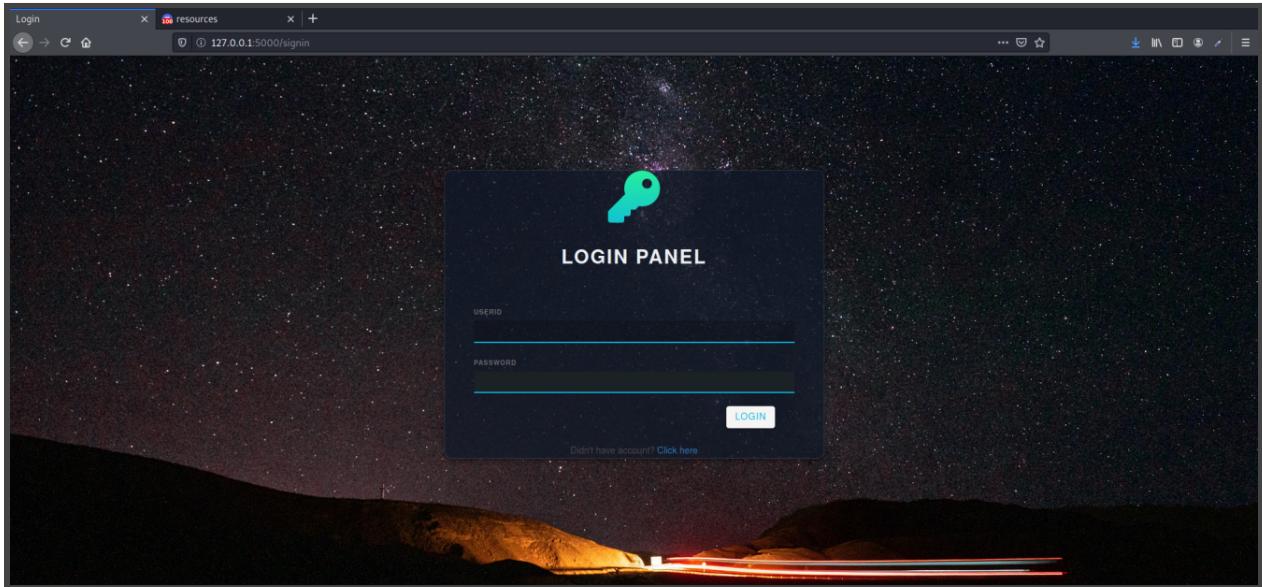
Home page



Mega hostel description

## Sign In Page :

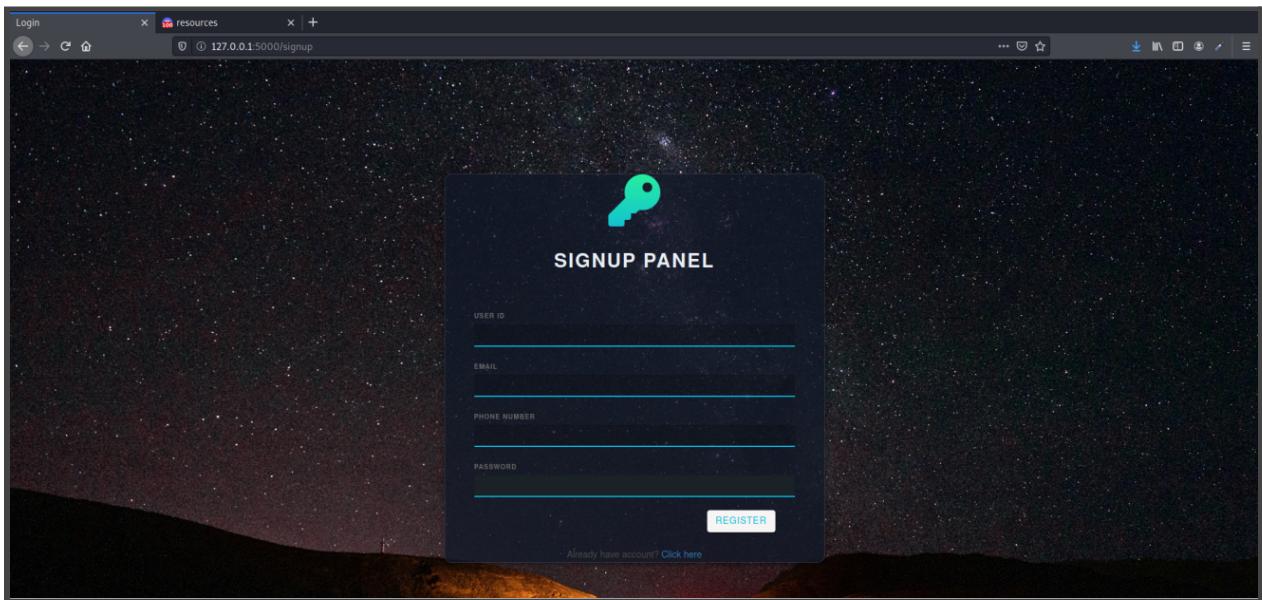
Both Admin and student can login using their login credentials. It will redirect them to the user pages based on their access. The user page of students and admins is different.



Sign In page

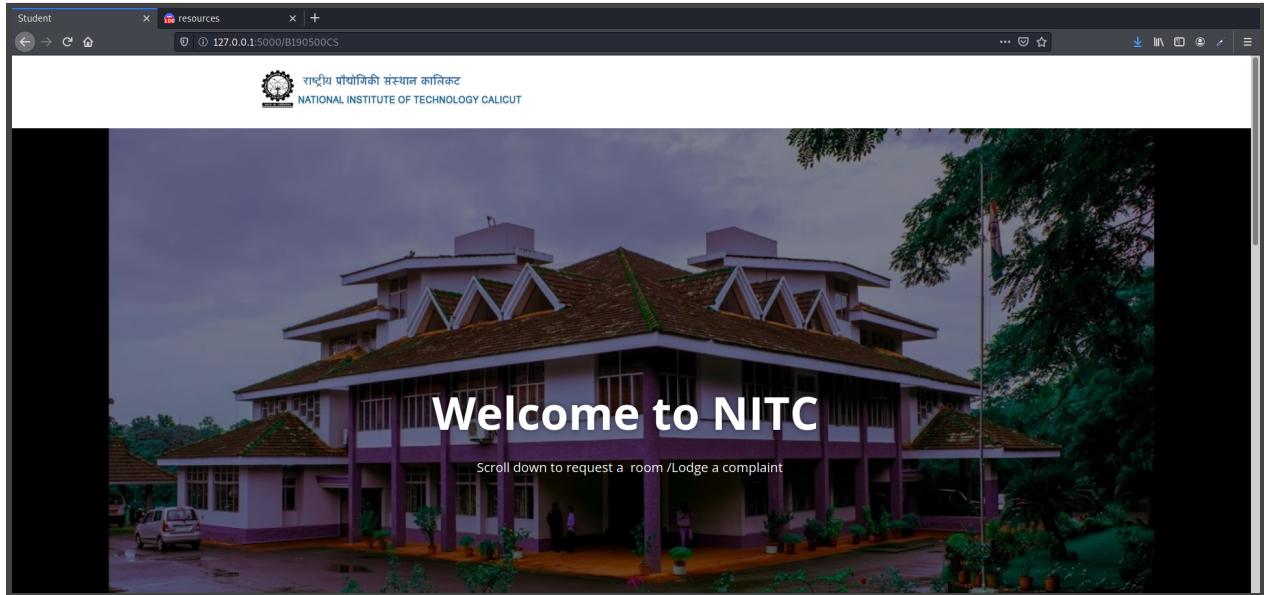
## Sign Up Page :

Only students can create an account from this page , admin accounts can only be created by the database manager manually.



## Student User Page :

After entering the credentials in the sign in page the student is redirected to the student user page. The home page consists of two options , requesting a room and lodging a complaint.



Student Home Page

If the student scrolls down then they will see a room request form . If the student fills the form then a room allocation request will be sent to the admin , then a room will be allocated.

A screenshot of a web browser showing the "Request Room" form. The form is titled "Request Room" and contains several input fields: "Name" (text input), "RollNo" (text input), "Programme" (dropdown menu set to "B.Tech/B.Arch"), and "Department" (dropdown menu set to "CSE"). To the left of the form is a small illustration of a person sleeping in a bunk bed. The browser's address bar shows the URL as 127.0.0.1:5000/B190900CS. The top navigation bar includes tabs for "Student", "resources", and other browser controls.

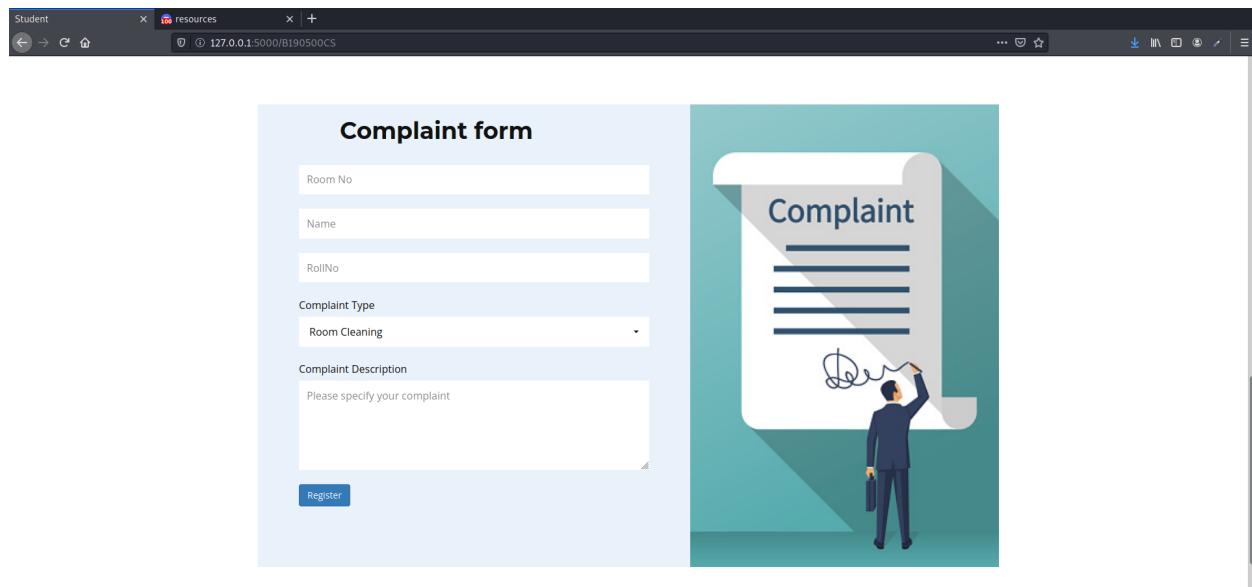
Request Room Form

If a room is allocated for the student then the request room form will be gone and it will appear like this.

## Room Details

Student Id	Room Number	Hostel Id	Floor
B190500CS	A307	A	3

At the bottom of the student page , there will be a complaint form to inform any inconvenience regarding the room . If the student submits the complaint form then a complaint will be received by the admin.



The screenshot shows a web browser window with a title bar "Student resources" and a URL "127.0.0.1:5000/B190500CS". The main content is a "Complaint form" page. It contains the following fields:

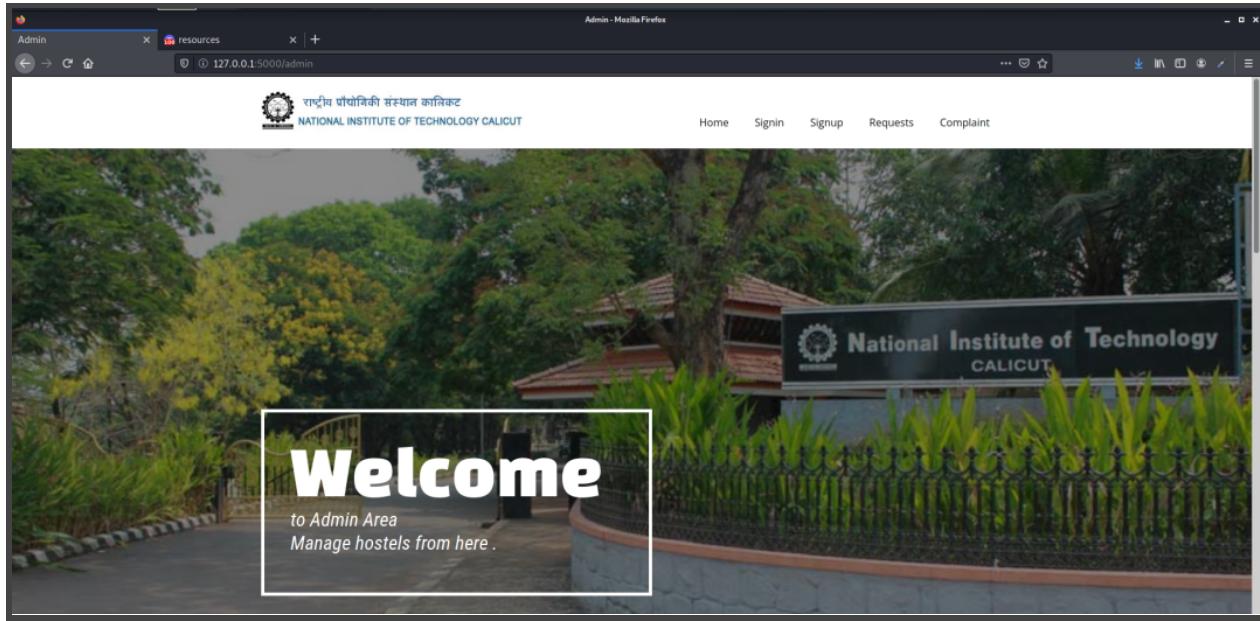
- Room No: [input field]
- Name: [input field]
- RollNo: [input field]
- Complaint Type: Room Cleaning (dropdown menu)
- Complaint Description: [text area] Please specify your complaint

At the bottom is a "Register" button. To the right of the form is a decorative graphic of a person in a suit writing on a large document labeled "Complaint".

Complaint Form

## Admin Home Page :

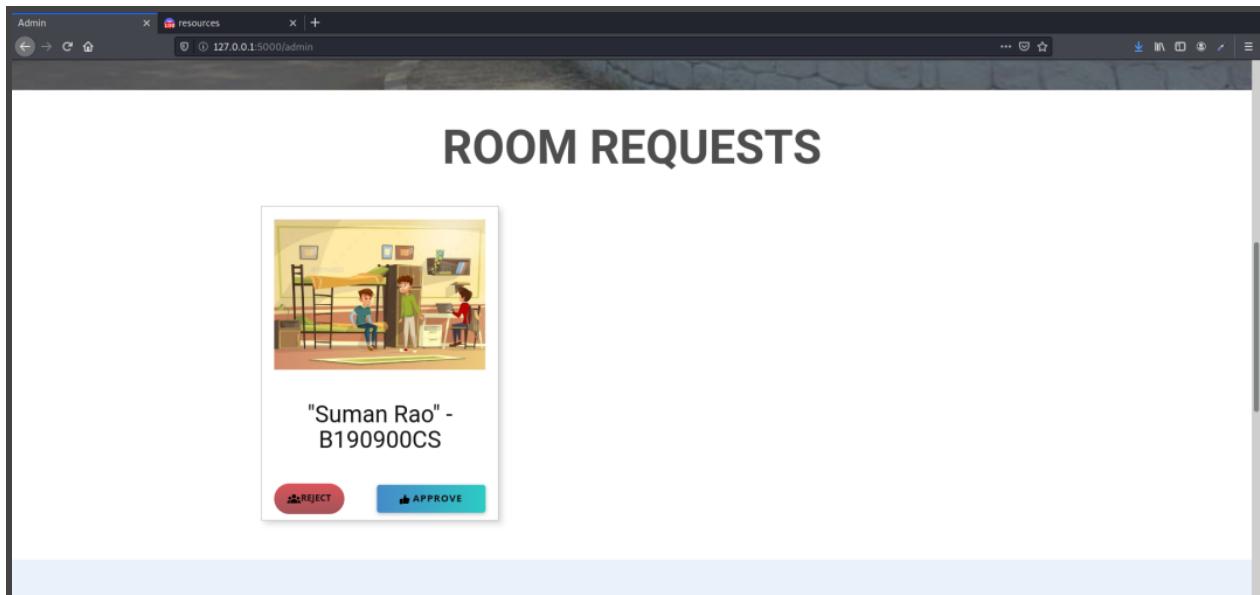
After Admin logs in , he will be redirected to this page . Here Admin can find all the pending Room-reqs and complaint forms are received .



Admin-Home Page

## Admin - Room-Requests :

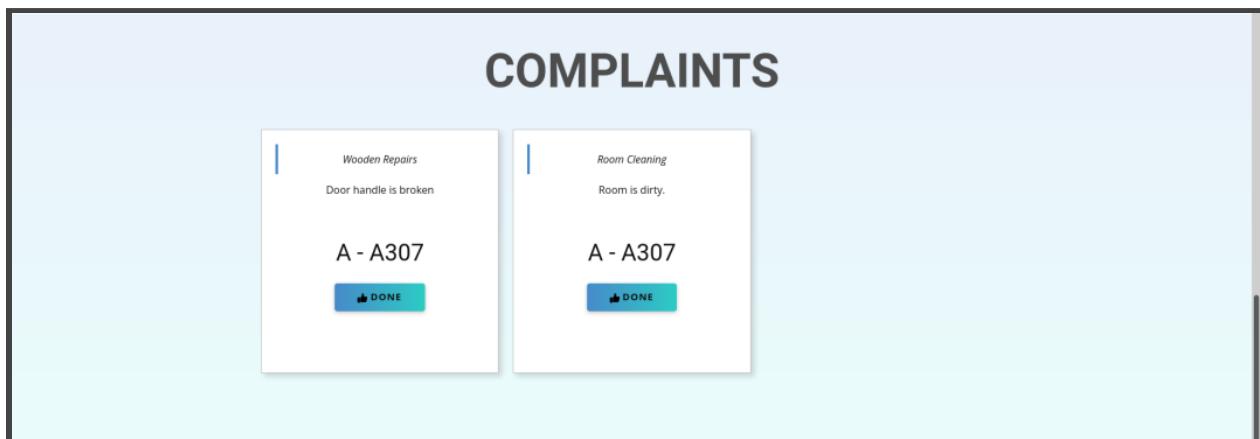
All the Room Requests will be shown in a card and the admin can accept and once a room is allocated that request will be deleted from the database.



Room-Req Card

## Admin-Complaint-Forms :

Complaints filed by students will also appear as cards , the person will be kept anonymous and only the room number will be kept.Admin can delete them when the problem is solved/done.



Complaint cards