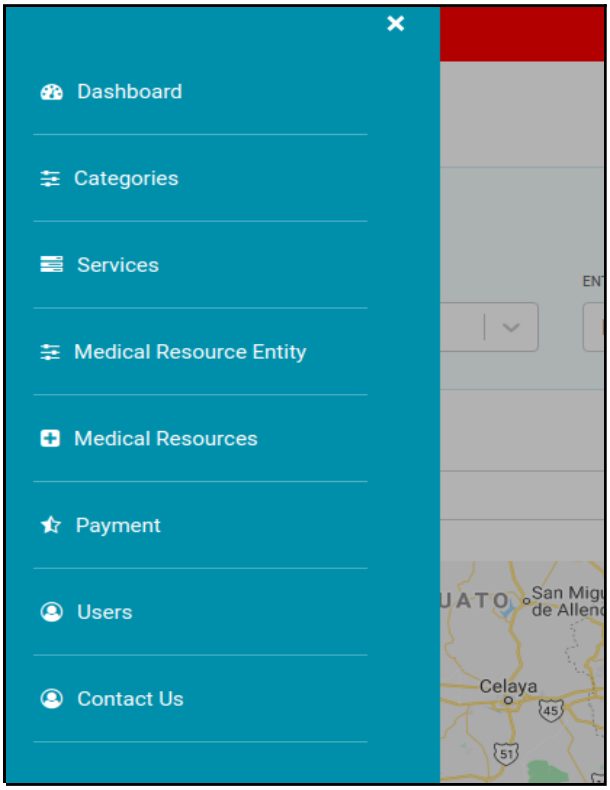
REMOTE MEDICAL DOCUMENTATION

1 Introduction:

This document is to describe all the functionalities and the working of the Remote Medical System developed under the team of RMI. In this document we have listed all the different modules and the working units for this system. They have been described enough for a non-focal person to know all the hierarchies and the different possibilities to one functionality.

Following are the different Modules available as tabs on the home screen as well as on the entire system.

1. Dashboard
2. Categories
3. Services
4. Medical Resource Entity
5. Medical Resources
6. Payments
7. Users
8. Contact Us

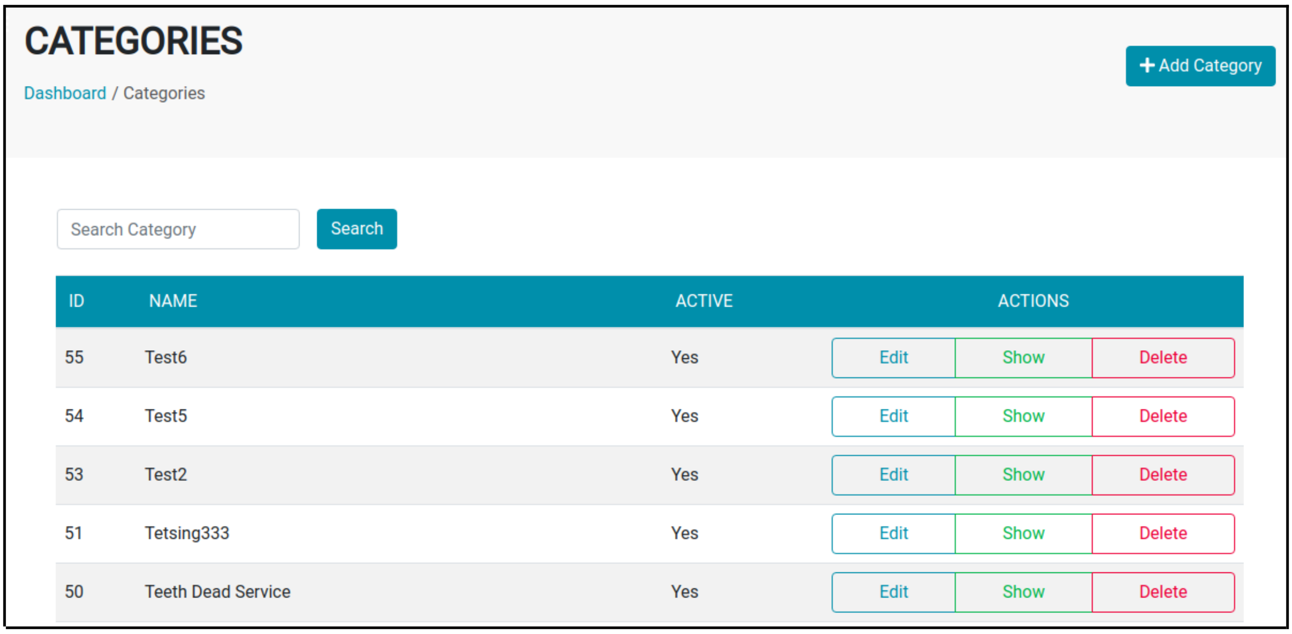


2 Categories:

Categories are the integral part of this system as they describe the specific category of the services available in the system. A category is used to group some services of same kind under one category to make them more organized. A category can have many services, also a service can belong to multiple categories at the same time.

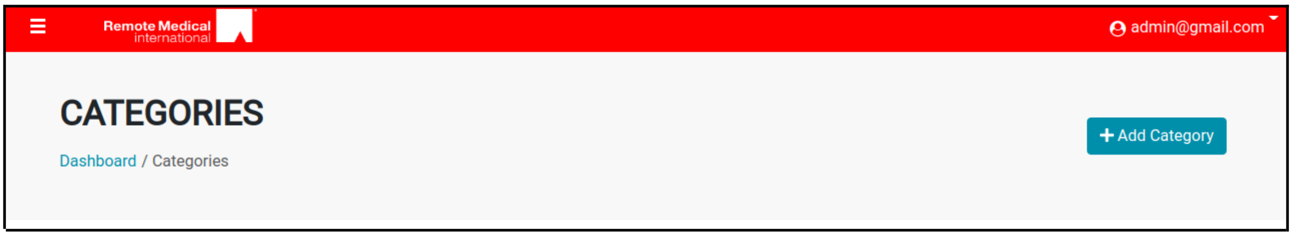
Listing Categories

Clicking on the **“Categories”** tab from the side navigation bar we get redirected to the listing page of all the categories available in the system. Here on this screen we get all the categories available, also admin have the privileges to do some actions on one category. Like an admin have options to add, edit, show and delete categories.

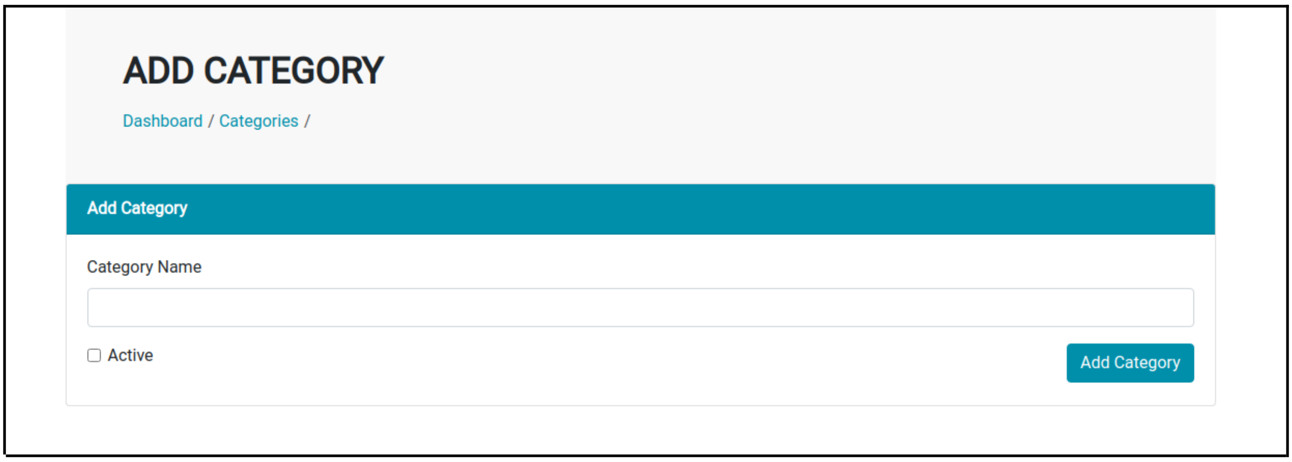


Adding a Category

For adding a new category we have the button **“+ Add Category”** on the listing page of the categories at the top right corner.



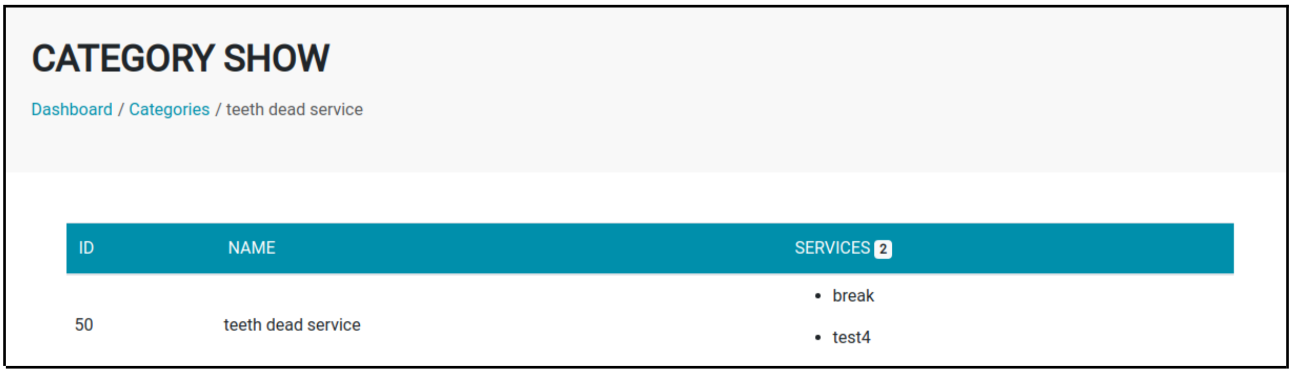
Clicking on the button will redirect the user to a new page containing a form having two input fields and a submit button. The input fields will take the data for the new category and submitting them will create a new category in the system and the user will be redirected back to the listing page and a success message will be shown.



Viewing a Category

To view a category we have a button **“Show”** on the same listing page straight next to every category in the list. To view a specific category click on the **“Show”** for the same specific category.

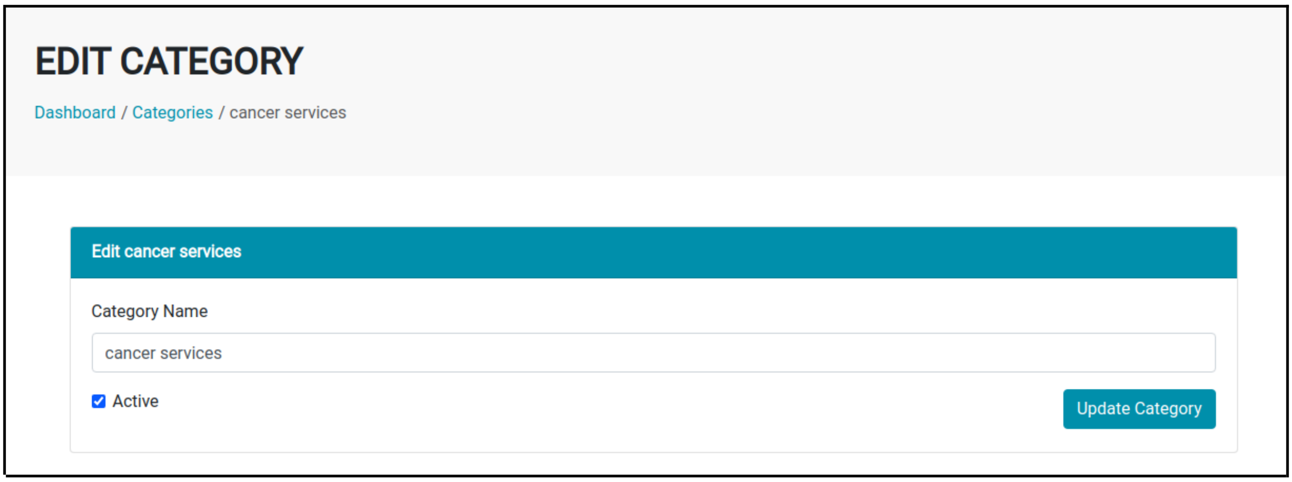
And the user will be redirected to a new page called **“Category Show”**. On this page there will be a table having the information about that specific category.



Updating a Category

To update a category we have a button **“Edit”** on the same listing page straight next to every category in the list. To update a specific category click on the **“Edit”** for the same specific category.

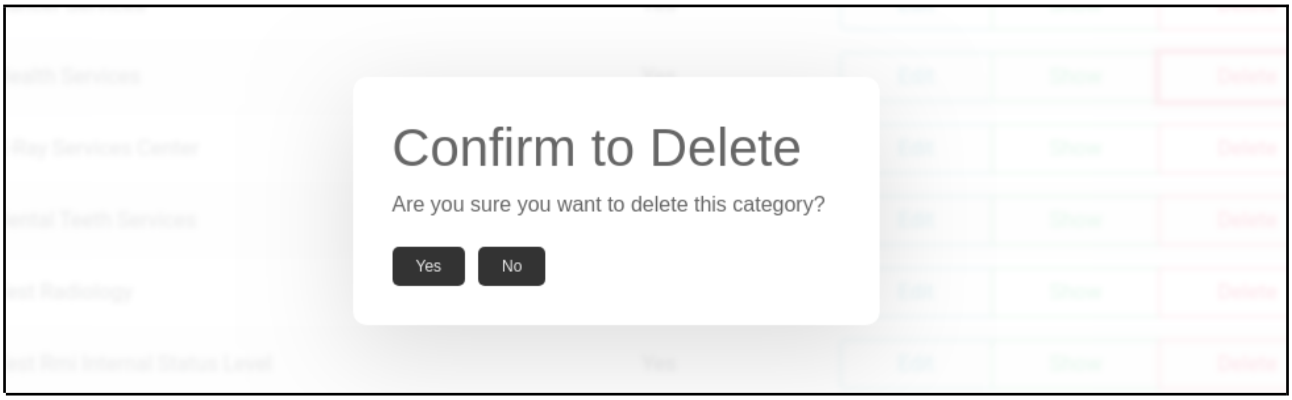
And the user will be redirected to a new page called **“Edit Category”**. On this page there will be a form same as of the new category page. Updating the fields with the new values and then submitting the form will update the category and the user will be redirected back to the listing page and the success message will shown.



Deleting a Category

To delete a category we have a button **"Delete"** on the same listing page straight next to every category in the list. To delete a specific category click on the **"Delete"** for the same specific category.

Clicking on the button will show a confirmation pop-up,



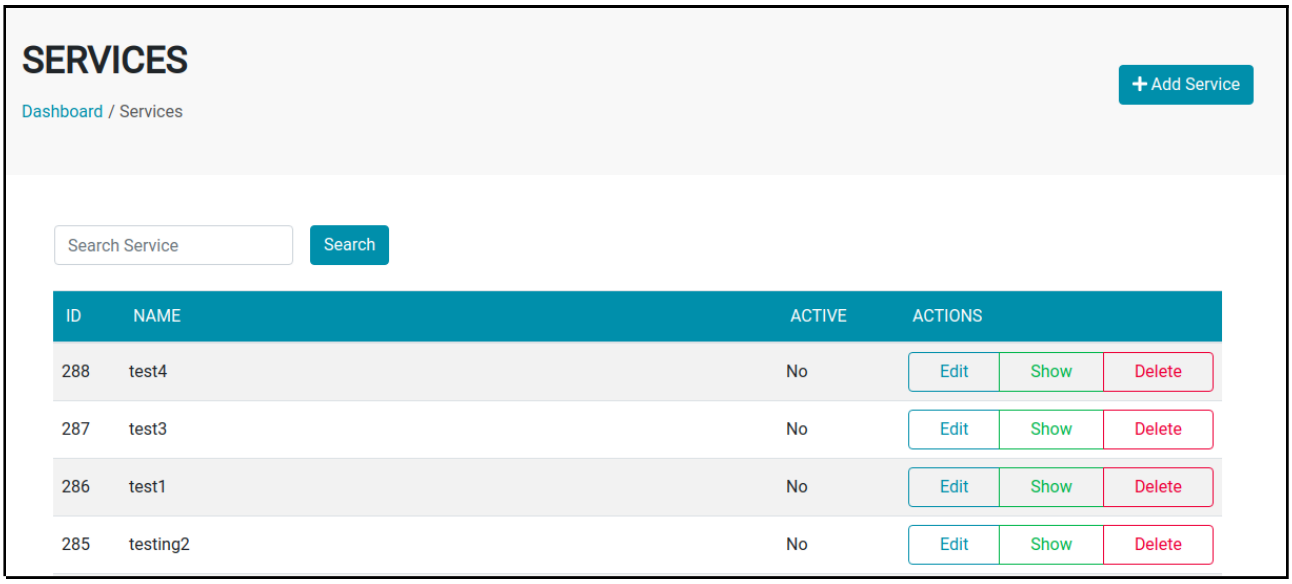
confirming the pop-up will delete the category and the delete category message will be shown.

3 Services

Services are the most basic and lies in the backbone of the system. Basically services are the actual thing a customer see in a resource. A customer goes for the services he see in a resource. A service always lies under a specific category. A service can belong to one or more category.

Listing Services

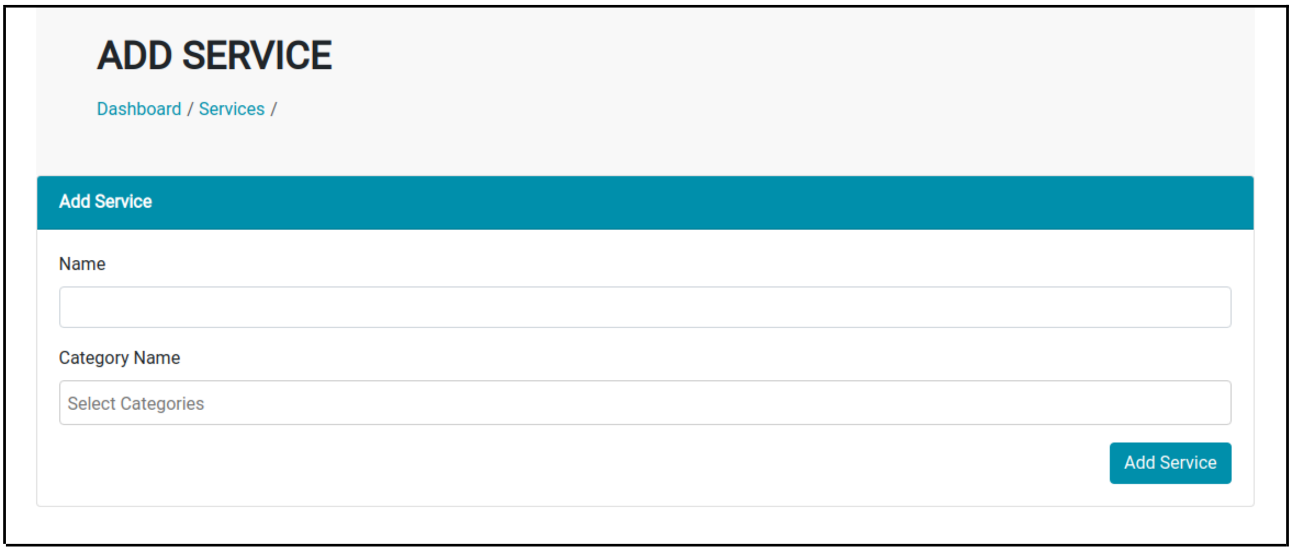
Clicking on the **"Services"** tab from the side navigation bar we get redirected to the listing page of all the services available in the system. Here on this screen we get all the services available, also admin have the privileges to do some actions on one service. Like an admin have options to add, edit, show and delete services.



Adding a Service

For adding a new service we have the button **"+ Add Service"** on the listing page of the services at the top right corner.

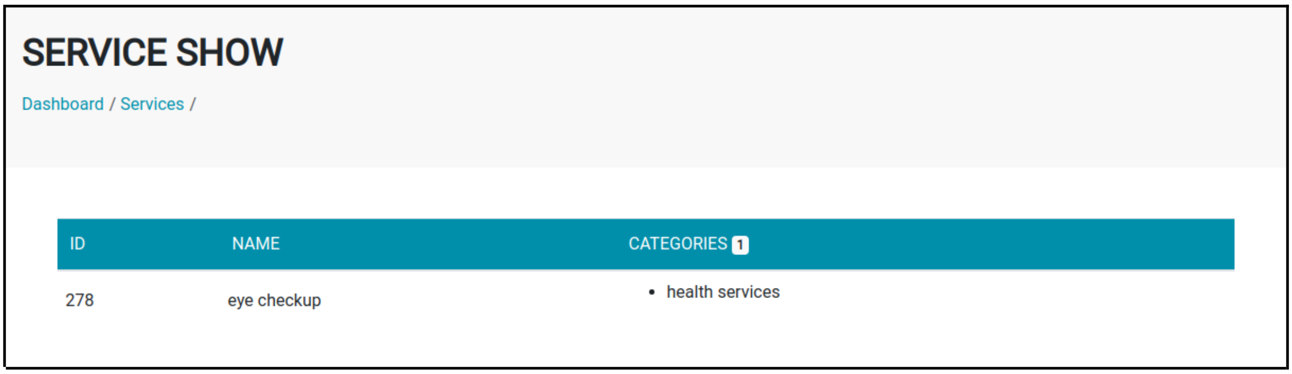
Clicking on the button will redirect the user to a new page containing a form having two input fields and a submit button. The input fields will take the data for the new service and submitting them will create a new service in the system and the user will be redirected back to the listing page and a success message will be shown.



Viewing a Service

To view a service we have a button **“Show”** on the same listing page straight next to every service in the list. To view a specific service click on the **“Show”** for the same specific service.

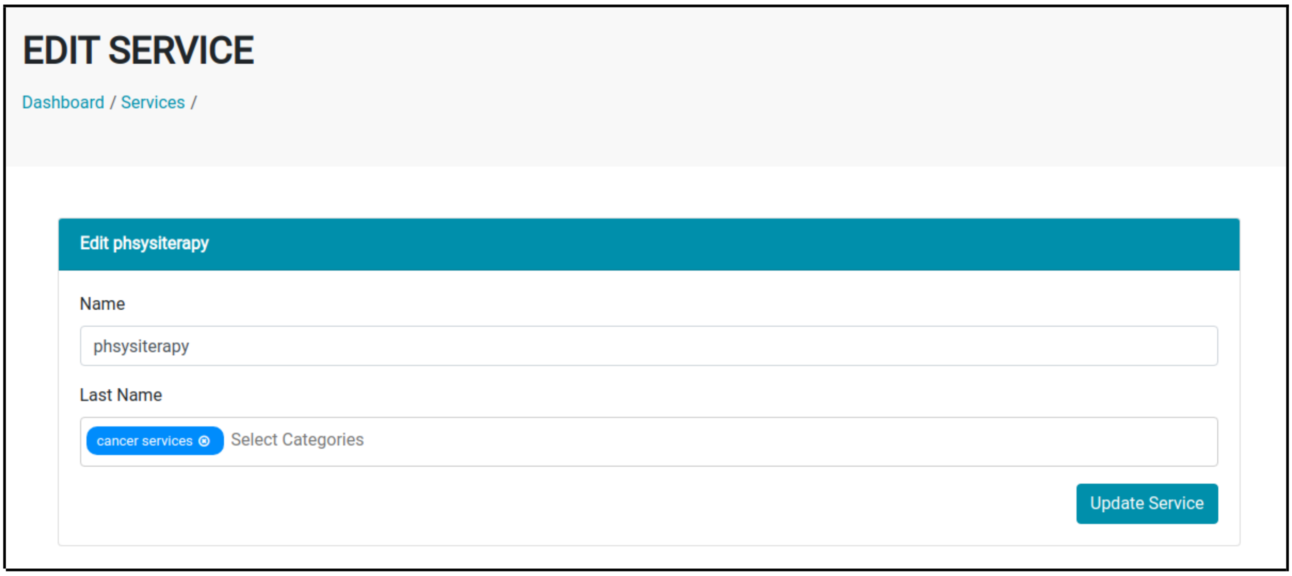
And the user will be redirected to a new page called **“Service Show”**. On this page there will be a table having the information about that specific service.



Updating a Service

To update a service we have a button **“Edit”** on the same listing page straight next to every service in the list. To update a specific service click on the **“Edit”** for the same specific service.

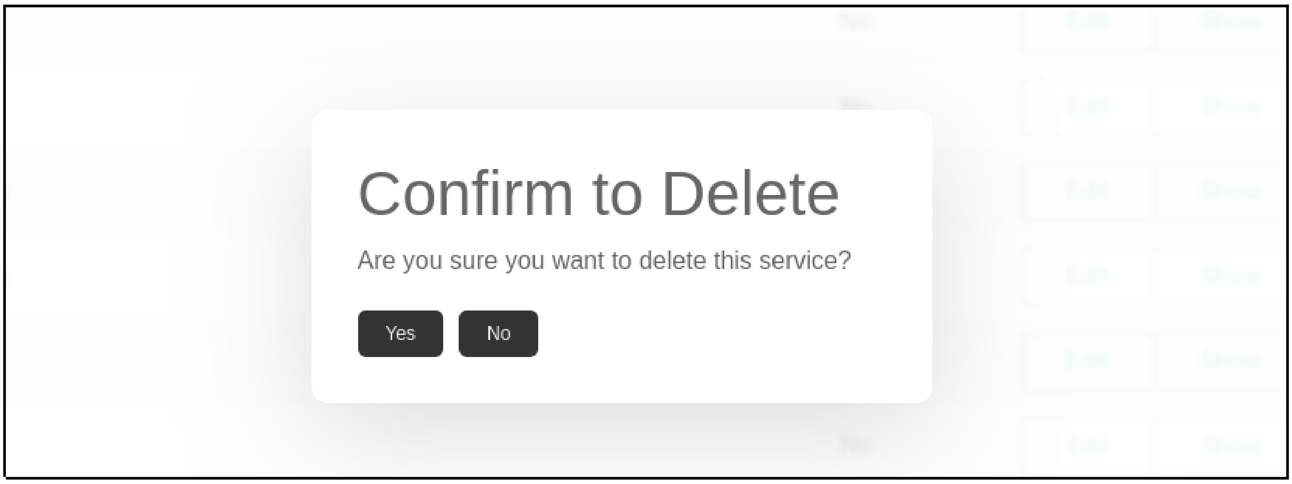
And the user will be redirected to a new page called **“Edit Service”**. On this page there will be a form same as of the new service page. Updating the fields with the new values and then submitting the form will update the service and the user will be redirected back to the listing page and the success message will shown.



Deleting a Service

To delete a service we have a button **“Delete”** on the same listing page straight next to every service in the list. To delete a specific service click on the **“Delete”** for the same specific service.

Clicking on the button will show a confirmation pop-up,



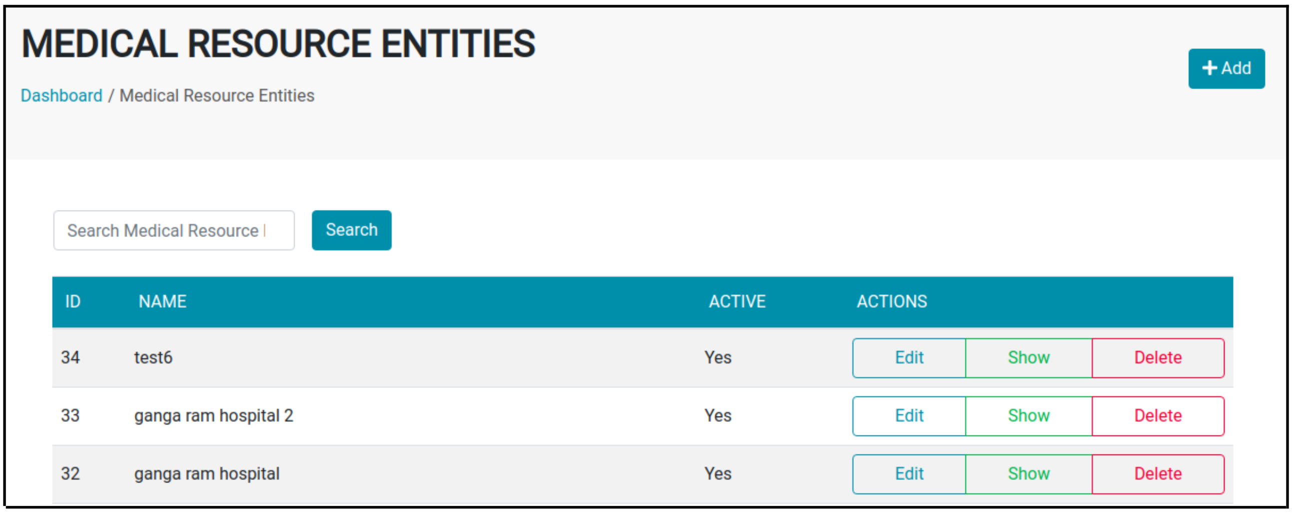
confirming the pop-up will delete the service and the delete service message will be shown.

4 Medical Resource Entity

The medical resource entities are the actual building blocks for a medical resource. They group some categories and their associated services under one entity. They are basically providing some services which are most common to be available in one department. A medical resource entity can have multiple categories and services (only the ones associated to those categories). At the end we have multiple services through categories.

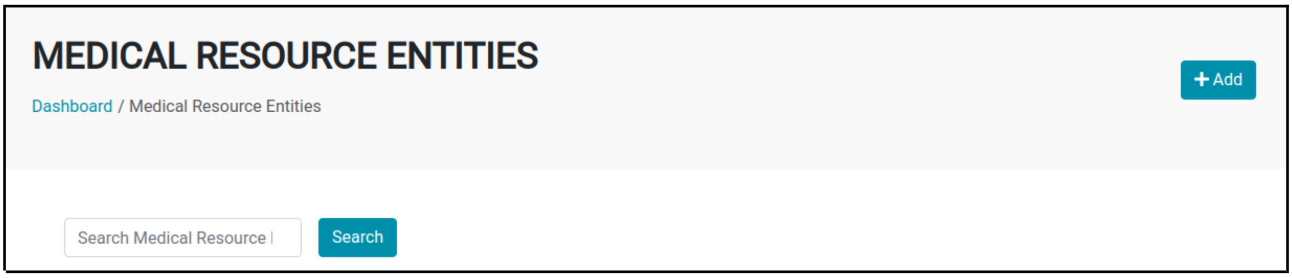
Listing Medical Resource Entities

Clicking on the **“Medical Resource Entity”** tab from the side navigation bar we get redirected to the listing page of all the medical resource entities available in the system. Here on this screen we get all the medical resource entities available, also admin have the privileges to do some actions on one medical resource entity. Like an admin have options to add, edit, show and delete medical resource entities.

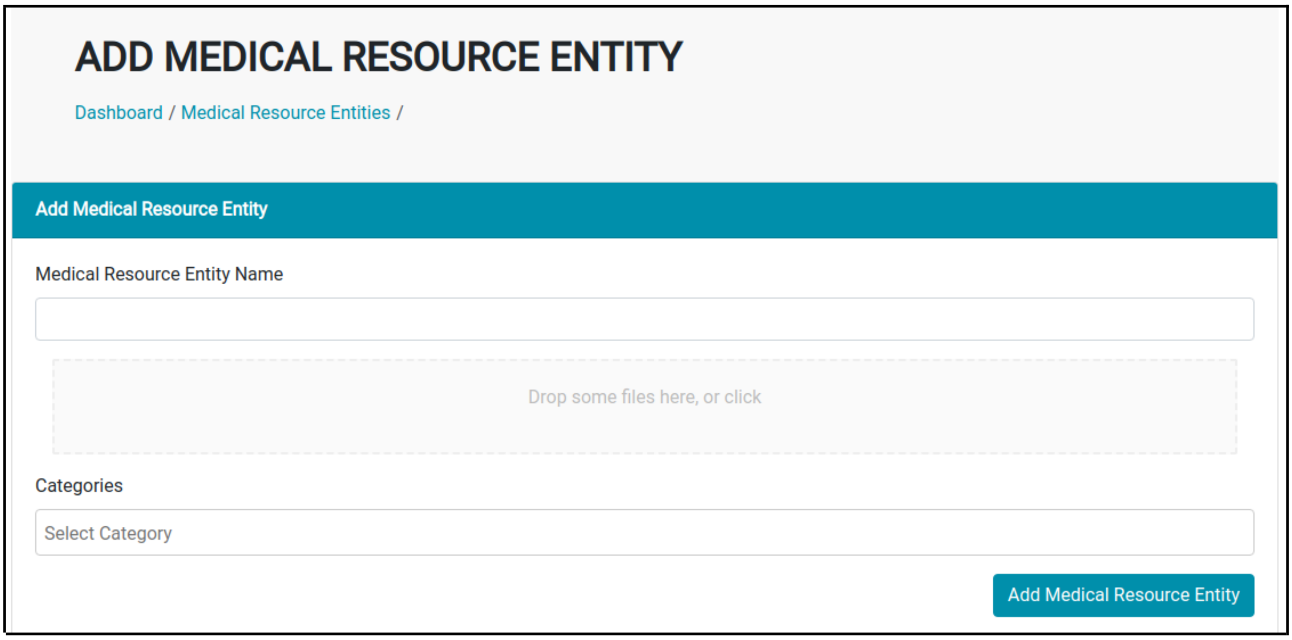


Adding Medical Resource Entity

For adding a new medical resource entity we have the button **"+ Add"** on the listing page of the medical resource entities at the top right corner.



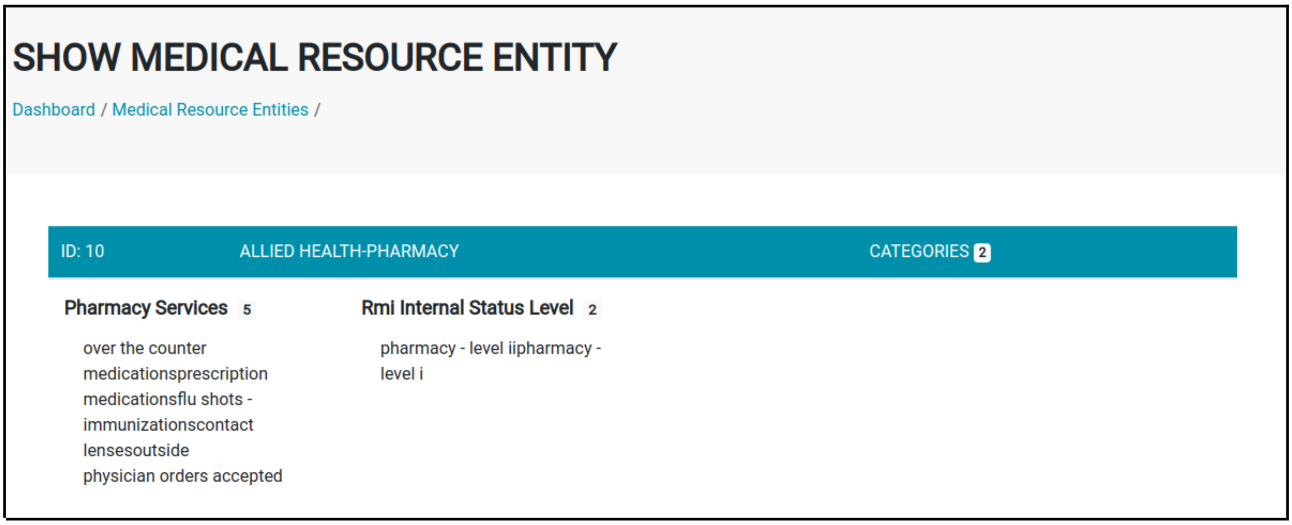
Clicking on the button will redirect the user to a new page containing a form having input fields and a submit button. The input fields will take the data for the new medical resource entity and submitting them will create a new medical resource entity in the system and the user will be redirected back to the listing page and a success message will be shown. On the form user has to select at least one category and at least one service from the category selected.



Viewing a Medical Resource Entity

To view a medical resource entity we have a button **“Show”** on the same listing page straight next to every medical resource entity in the list. To view a specific medical resource entity click on the **“Show”** for the same specific medical resource entity.

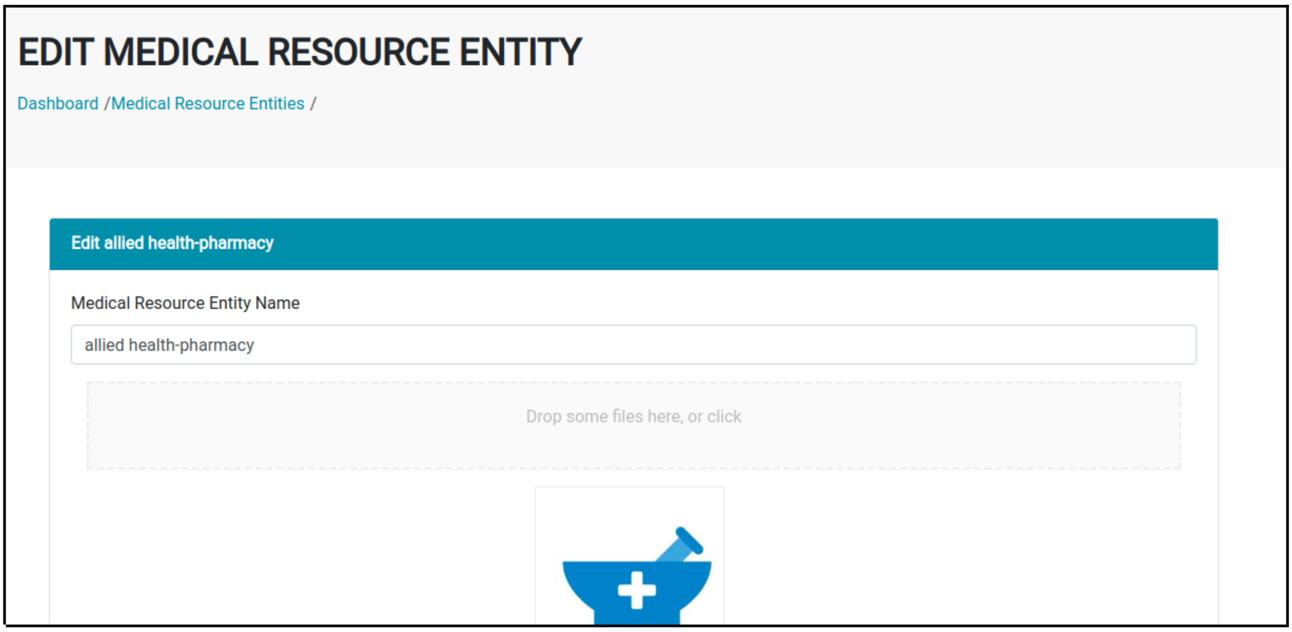
And the user will be redirected to a new page called **“Show Medical Resource Entity”**. On this page there will be a table having the information about that specific medical resource entity. Here all the categories and the associated checked services will be shown.



Updating a Medical Resource Entity

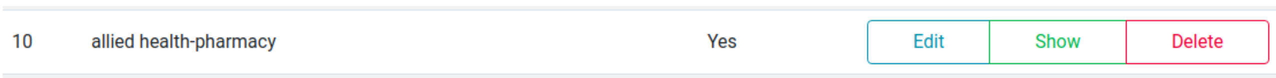
To update a medical resource entity we have a button **“Edit”** on the same listing page straight next to every medical resource entity in the list. To update a specific medical resource entity click on the **“Edit”** for the same specific medical resource entity.

And the user will be redirected to a new page called **“Edit Medical Resource Entity”**. On this page there will be a form same as of the new medical resource entity page. Updating the fields with the new values and then submitting the form will update the medical resource entity and the user will be redirected back to the listing page and the success message will shown. User can detach a category and hence all the associated services or just unchecking a service that will detach that service from that medical resource entity.

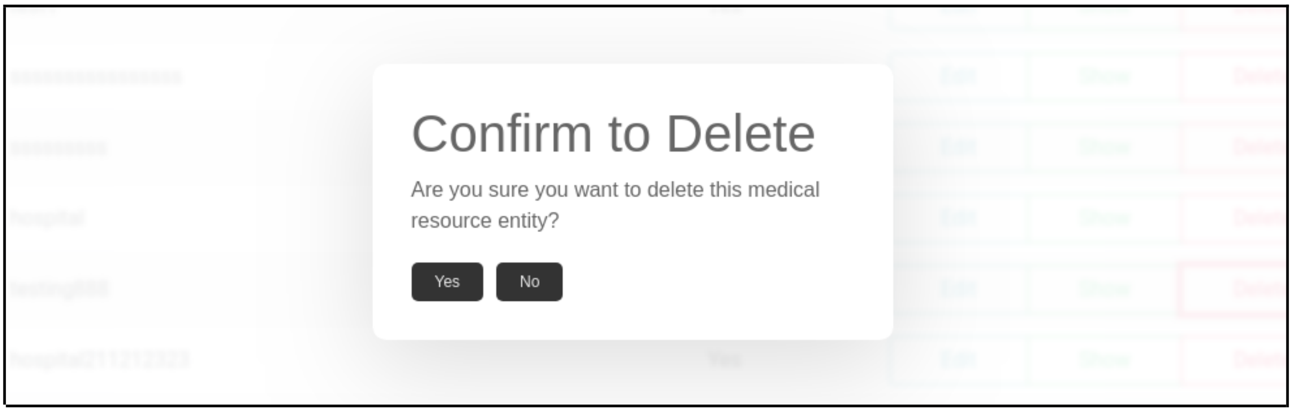


Deleting a Medical Resource Entity

To delete a medical resource entity we have a button **“Delete”** on the same listing page straight next to every medical resource entity in the list. To delete a specific medical resource entity click on the **“Delete”** for the same specific medical resource entity.



Clicking on the button will show a confirmation pop-up,



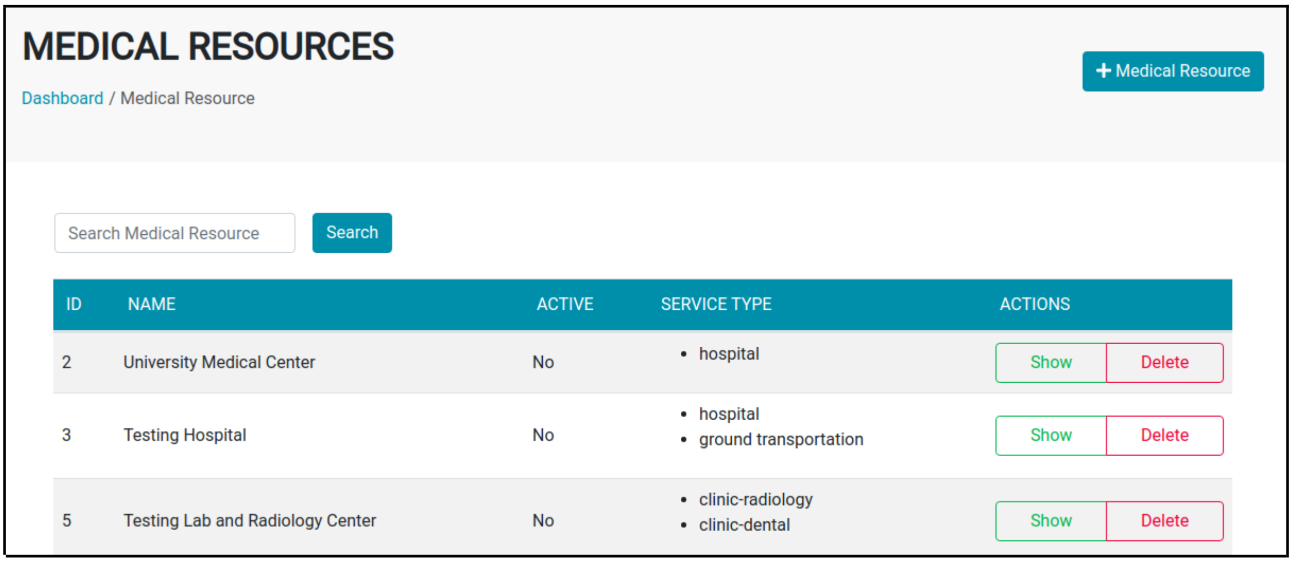
confirming the pop-up will delete the medical resource entity and the delete medical resource entity message will be shown.

5 Medical Resources

Medical Resources are the actual main functional components in this entire system. This is the ultimate product of all the previous component mentioned. A medical resource is component that is created by admin for the end users to see the different resources available in the RMI system. A medical resource contains multiple medical resource entities and thus multiple categories and also services through those categories. A medical resource is actually what will provide services to the end user.

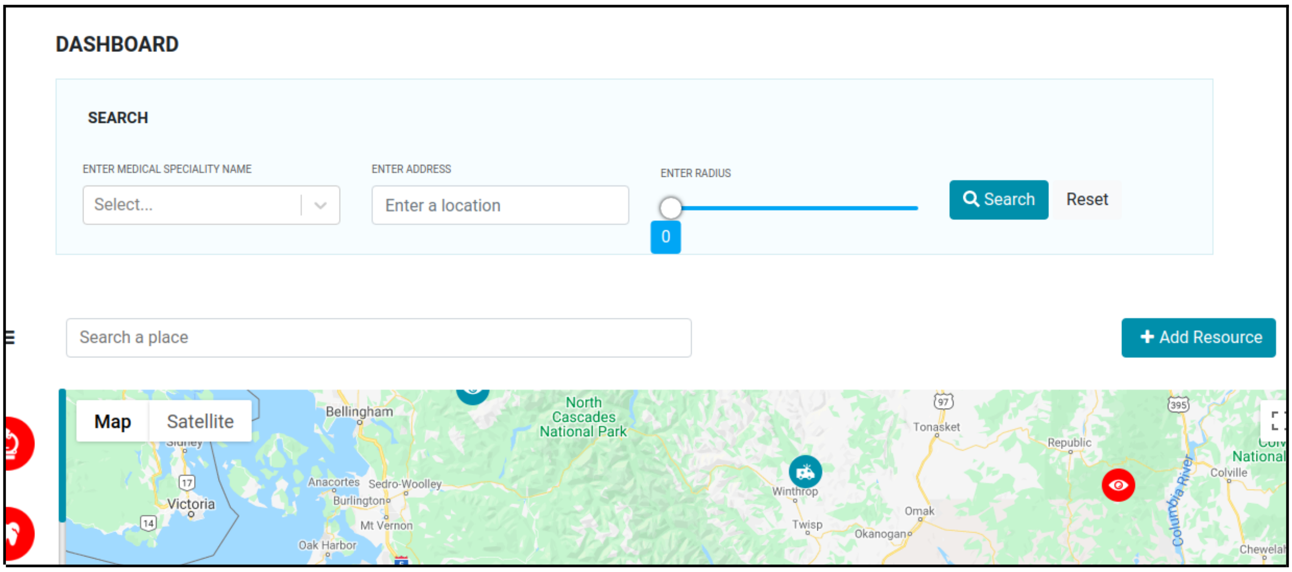
Listing Medical Resources

Clicking on the **“Medical Resources”** tab from the side navigation bar we get redirected to the listing page of all the medical resources available in the system. Here on this screen we get all the medical resources available, also admin have the privileges to do some actions on one medical resources. Like an admin have options to show and delete medical resources.

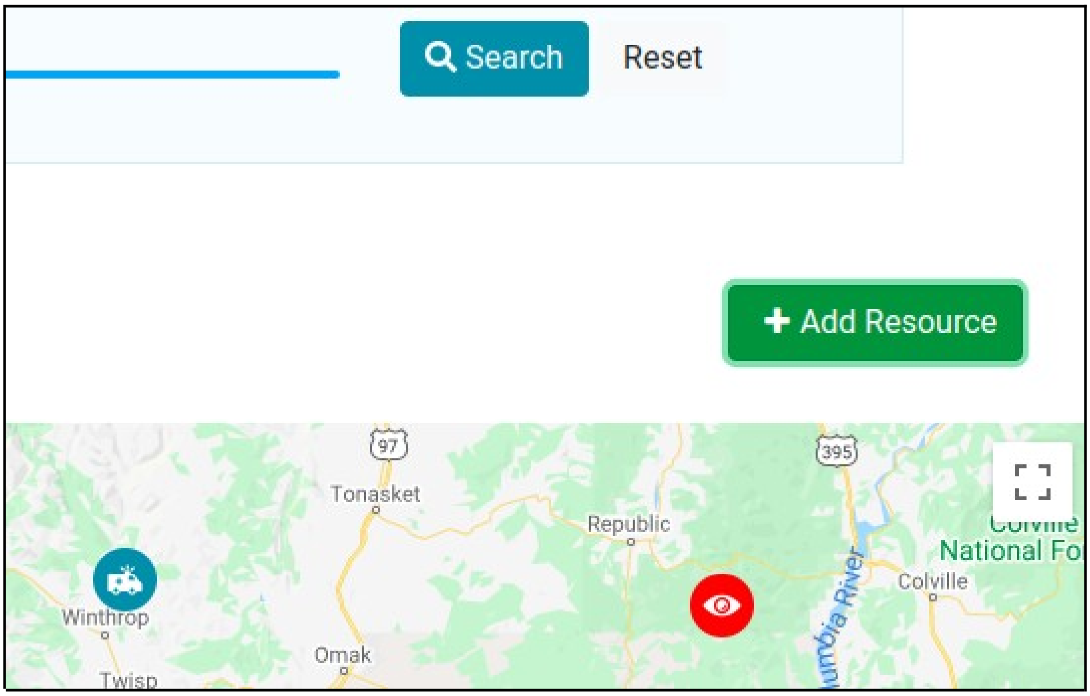


Adding a Medical Resource

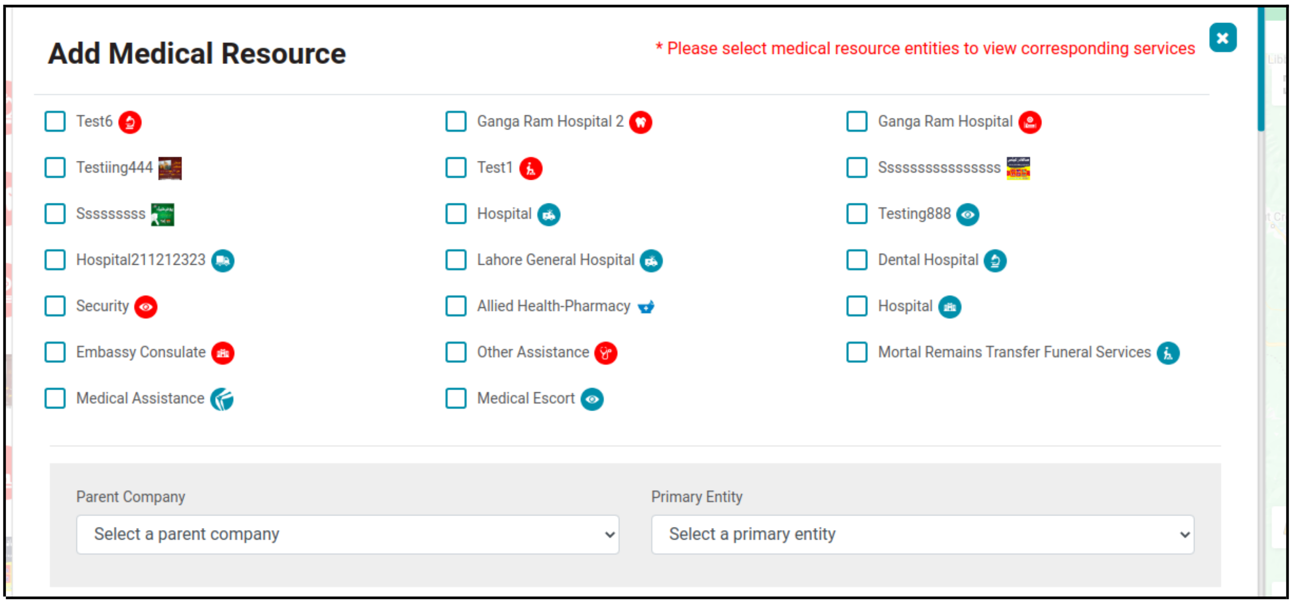
For adding a medical resource its a bit different procedure. You have to navigate to the dashboard. On clicking **“Dashboard”** from the side bar navigation user get redirected to the dashboard.



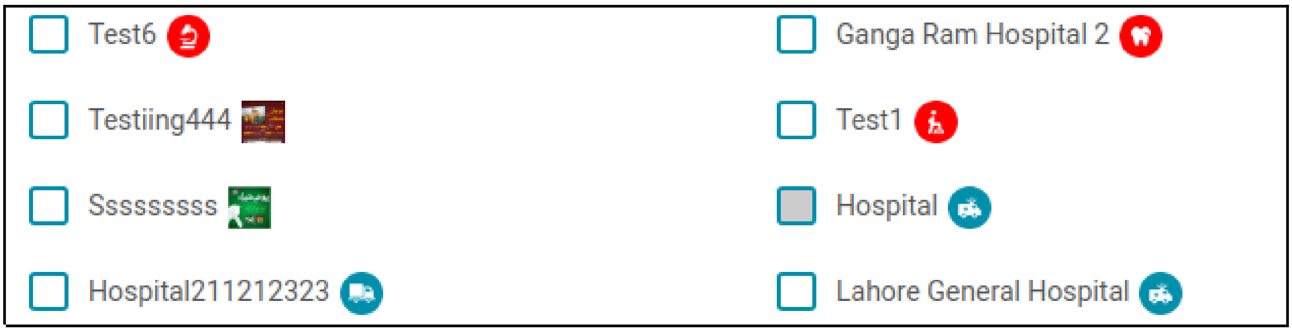
On the dashboard screen we can see a button **“+ Add Resource”** at the right of the screen. You have to toggle that button, the button will get a new color green.



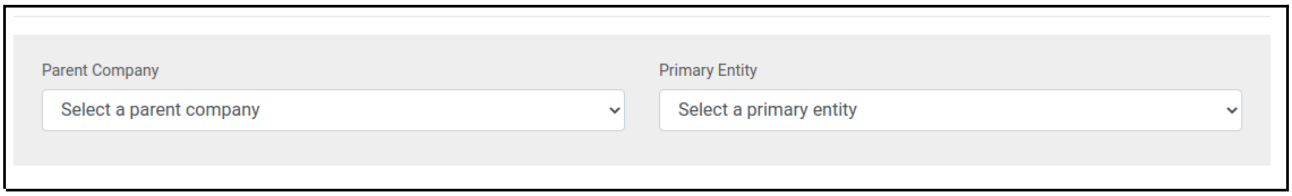
When you have successfully toggled that button now its the time to drop a pin at the location, using the map container right under the button, dropping pin marker at the desired location will pop-up a form for the new medical resource.



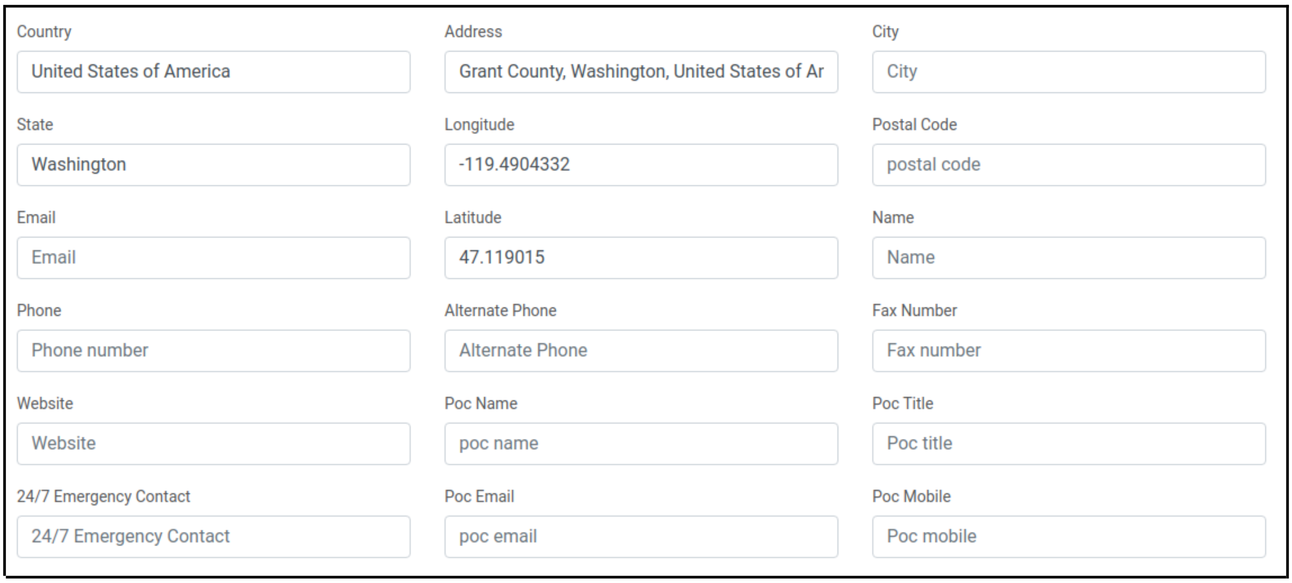
This form will contain number of input fields of different types. On top of the form we have number of checkboxes for selecting a medical resource entity. This is a required field.



Under the checkboxes we have two dropdown fields to select the primary category and the parent resource if any.



Under the dropdown fields we have text type input fields for the basic information of the medical resource e.g. address, name, email, phone, postal code, emergency contact etc.



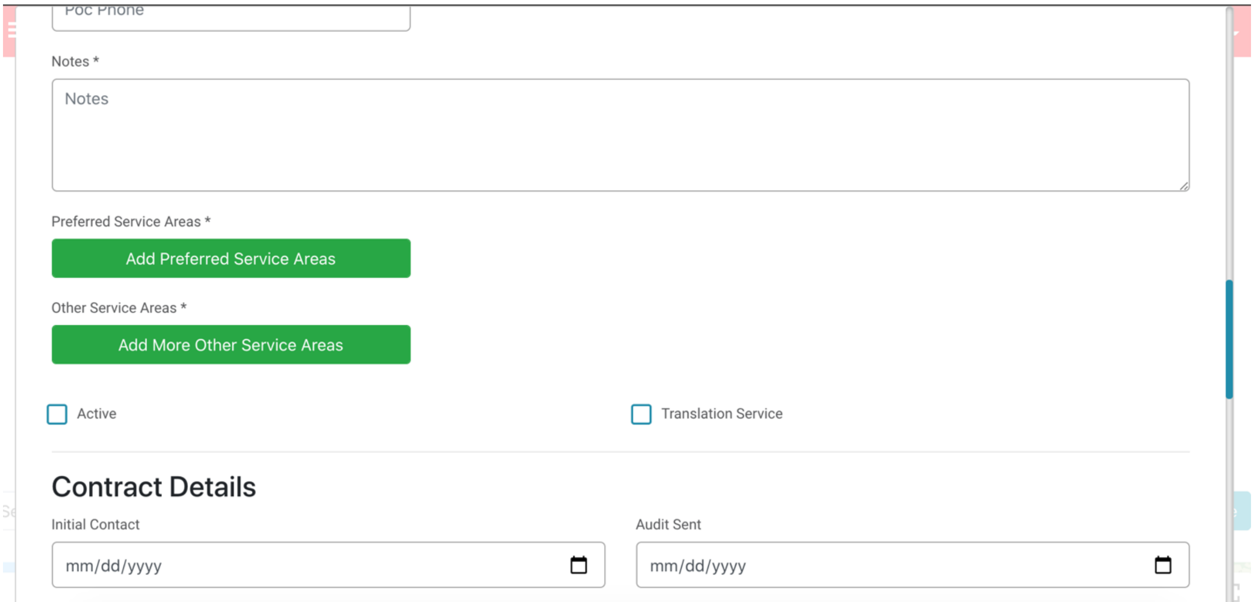
Under basic form fields we have services areas button.

This module has two types.

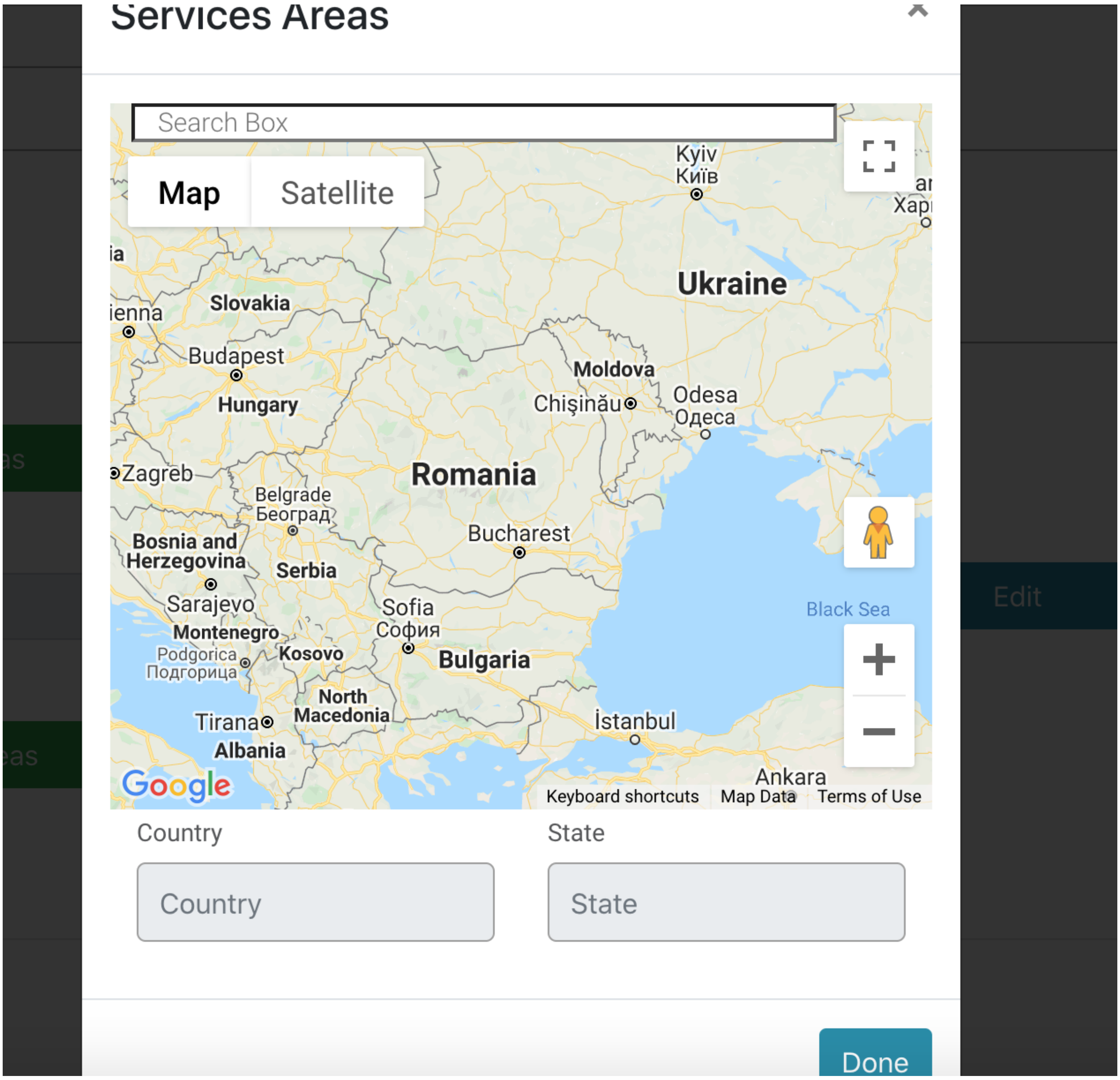
1. **Add Preferred Service Areas.**
2. **Add Other Service Areas.**

Both modules working are similar and both buttons will give you add another, add another option.

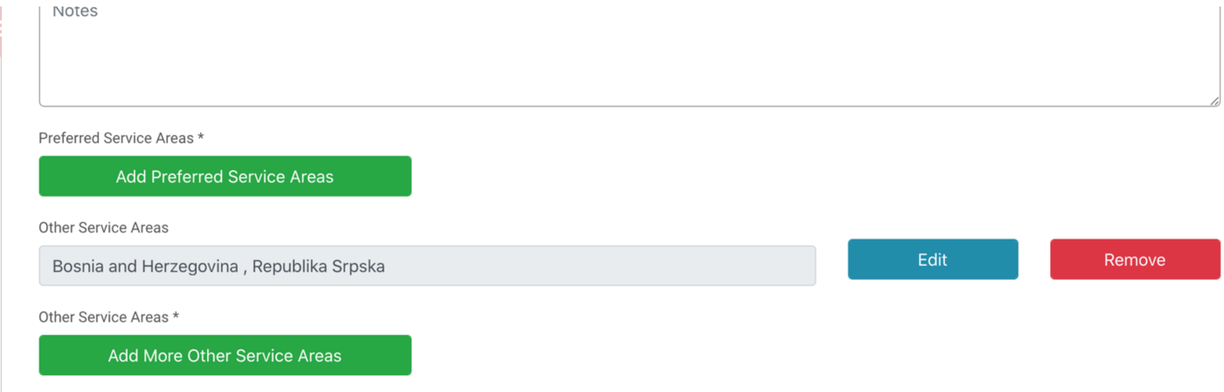
On the medical resource form we can see the buttons “Add Preferred Areas/Add Other Service Areas” at the middle of the form.



When you click on the “Add preferred service areas/Add other service areas” button then it will pop up a map container form, and you just dropping the pin at the desired location or type the country name or any address in the search box which is top on the map container.



After dropping the pin on map container or typing the address in search box then these fields are automatically filled and then you just submitting the form. Clicking on the done button user will be redirected back to the medical resource form and this country and state will shown under the selected areas button.



Updating a service areas

To update a service areas we have a button “Edit” on the same medical resource form straight next to every input filed in the medical resource form. To update a specific service areas click on the “Edit” for the same specific service area.

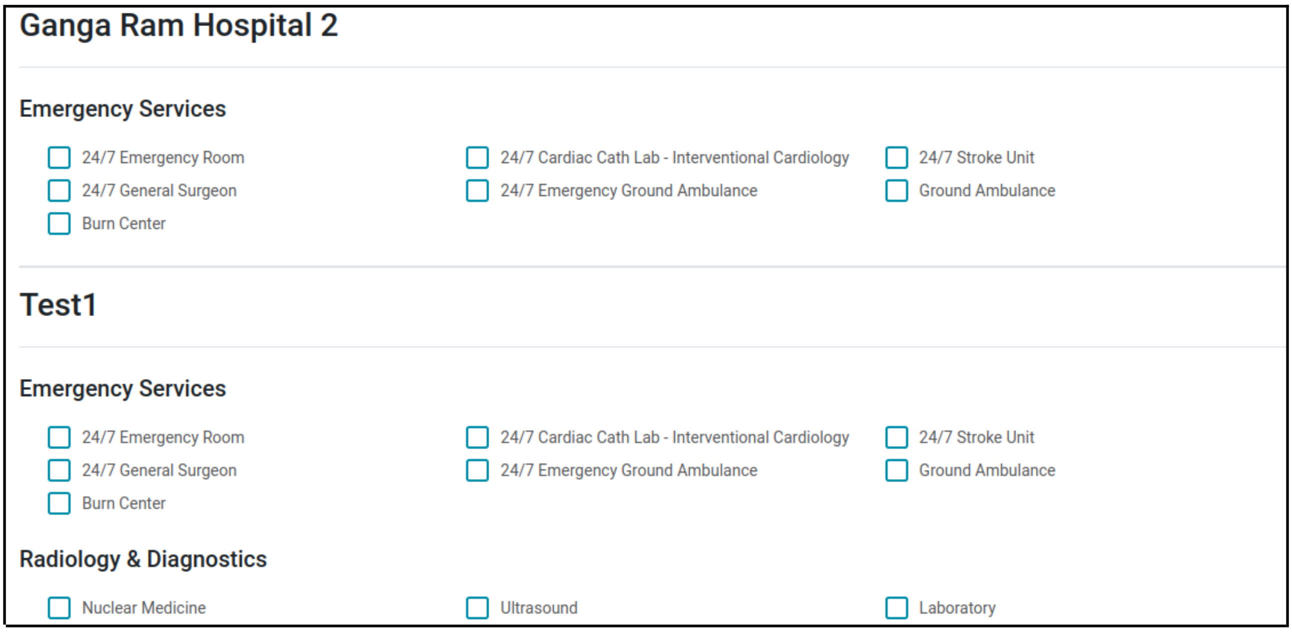
Removing a service areas

To remove a service areas we have a button “Remove” on the same medical resource form straight next to every input filed in the medical resource form. To remove a specific service areas click on the “Remove” for the same specific service area.

After successfully submitting the medical resource form user will redirected back to the dashboard and icon of created medical resource will also be shown on preferred service areas, other service areas on the map. e.g. if user will creating the medical resource in Egypt user just simply drop the pin in Egypt and create the medical resource but user wants to show the same medical resource in Sudan, Oman etc. then user will be use the preferred service areas/add service areas, so based on these service areas medical resources will be shown on that particular location.

Under basic services areas button we have contract details fields of the date type.

And then under the date type fields we again get number of checkboxes fields for selecting the services from the selected medical resource entity.



Ganga Ram Hospital 2

Emergency Services

- 24/7 Emergency Room
- 24/7 General Surgeon
- Burn Center
- 24/7 Cardiac Cath Lab - Interventional Cardiology
- 24/7 Emergency Ground Ambulance
- 24/7 Stroke Unit
- Ground Ambulance

Test1

Emergency Services

- 24/7 Emergency Room
- 24/7 General Surgeon
- Burn Center
- 24/7 Cardiac Cath Lab - Interventional Cardiology
- 24/7 Emergency Ground Ambulance
- 24/7 Stroke Unit
- Ground Ambulance

Radiology & Diagnostics

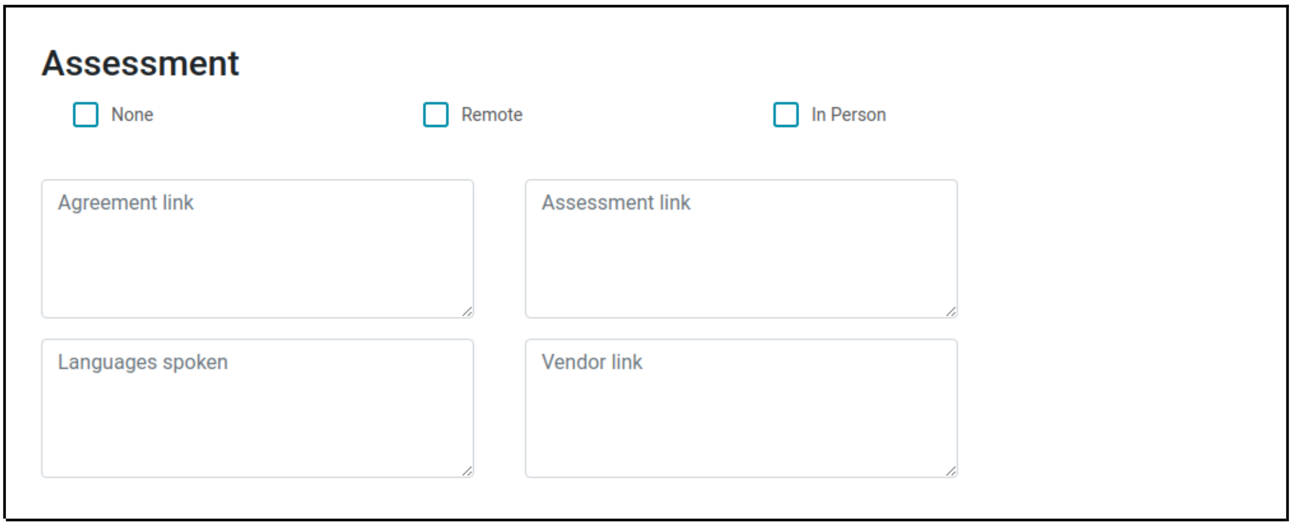
- Nuclear Medicine
- Ultrasound
- Laboratory

After selecting services we get some payment method fields in the form of checkboxes.

Payments

- Debit Payment
- Direct Payment

And then some assessment fields for different links and information.



Assessment

- None
- Remote
- In Person

Agreement link

Assessment link

Languages spoken

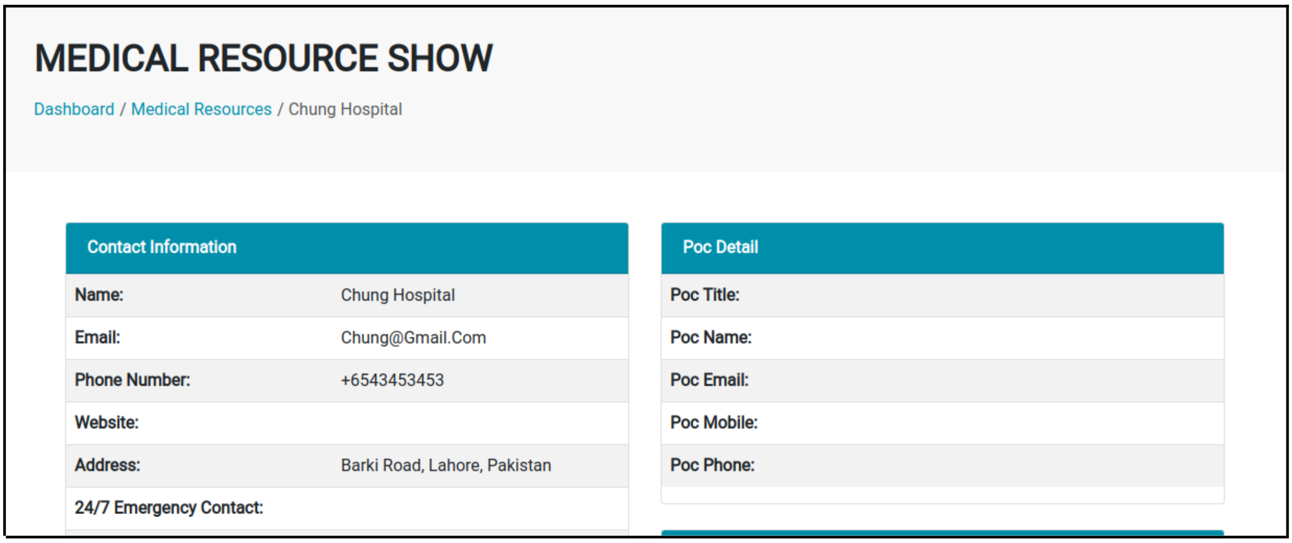
Vendor link

And at last we have a drag and drop field for the image of the Medical Resource

Viewing a Medical Resource

Navigate back to the listing page of the medical resources using the sidebar navigation. On the listing page we have a button **“Show”** on the same listing page straight next to every medical resources in the list. To view a specific medical resource click on the **“Show”** for the same specific medical resource.

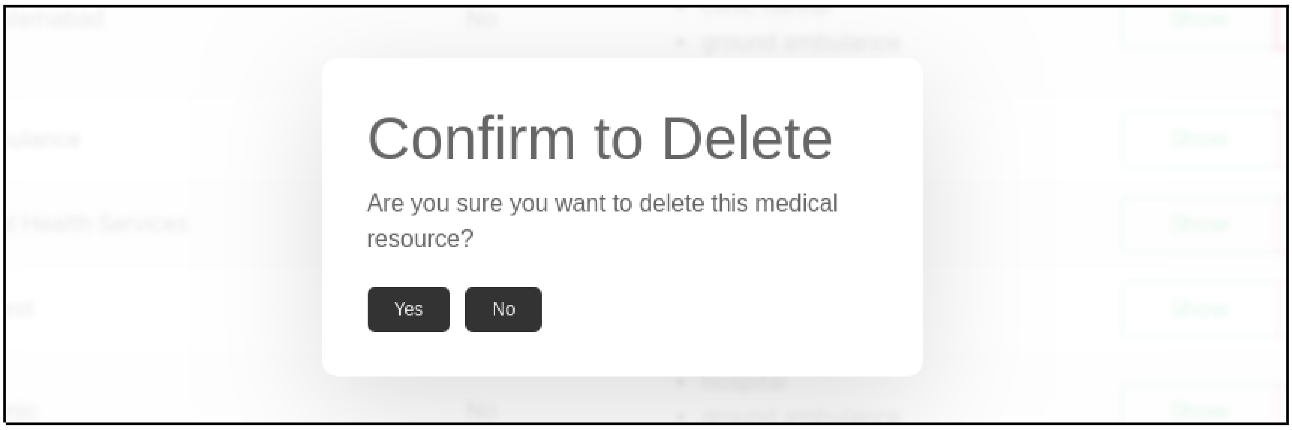
And the user will be redirected to a new page called **“Medical Resource Show”**. On this page there will be different tables having the information about that specific medical resource components. Here all the medical resource entities, categories and the associated services will be shown alongwith the different information.



Deleting a Medical Resource

To delete a medical resource we have a button **“Delete”** on the same listing page straight next to every medical resource in the list. To delete a specific medical resource click on the **“Delete”** for the same specific medical resource.

Clicking on the button will show a confirmation pop-up,



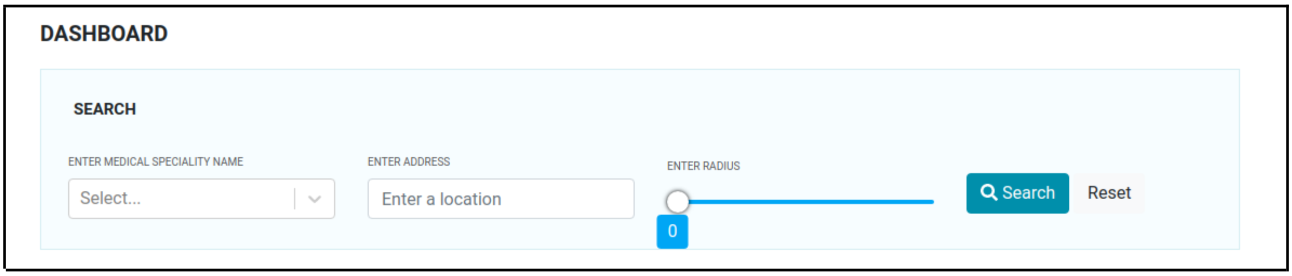
confirming the pop-up will delete the medical resource and the delete medical resource message will be shown.

6 Dashboard

This is the main dashboard section where most of this system lies actually. On the Dashboard screen we have different components related to the map and the medical resources.

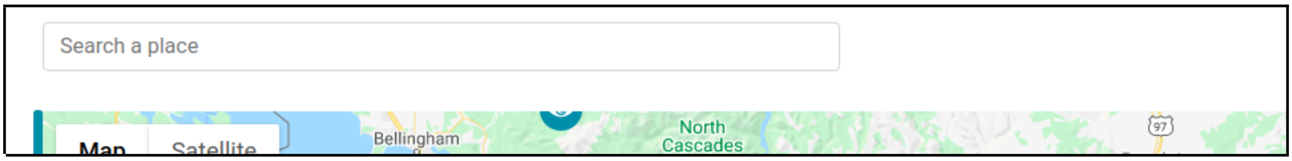
Searching Medical Resources

On top of the screen we have search column. This search column is actually used to search the medical resources on the basis of a service. In this column we have different input fields, a dropdown field to select a service and text field to filter a location and a range selector to select a range for the radius.



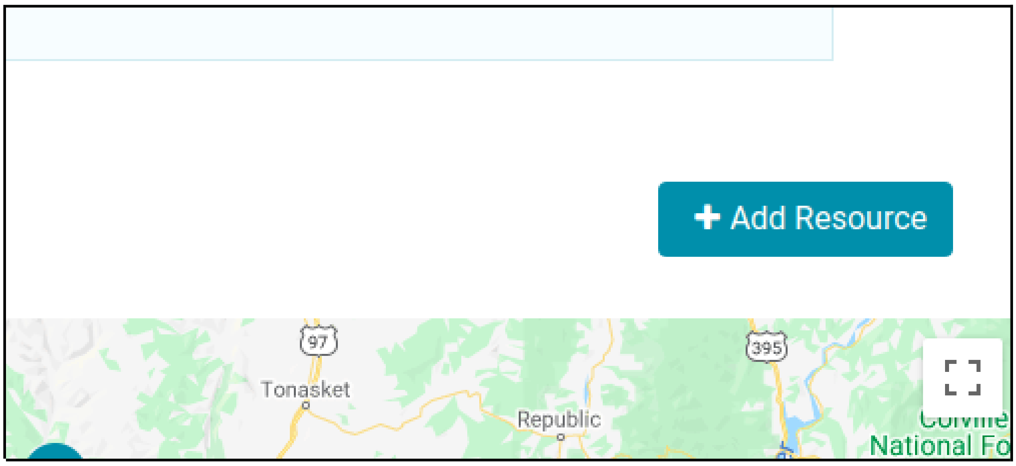
Searching Location on Map

Under the search column for the medical resource we again have a text field. This input field will take the input and search the location on the map against that data in the text field.



Adding a Medical Resource

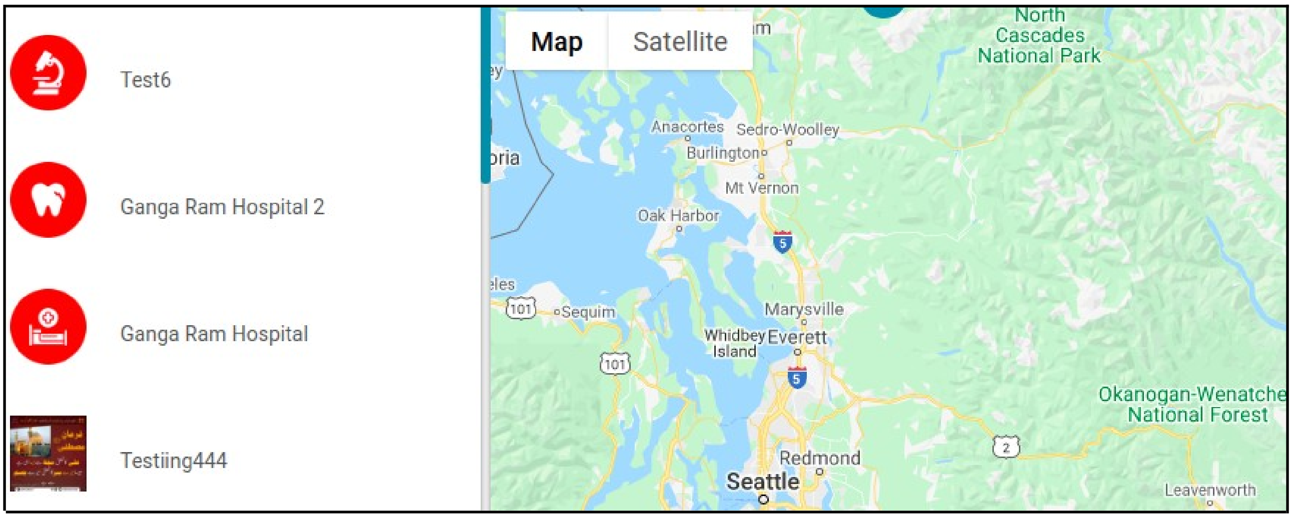
Right to the search field we have a button **"+ Add Resource"**. This button is toggleable and is toggled whenever we are gonna add a Medical Resource into the system.



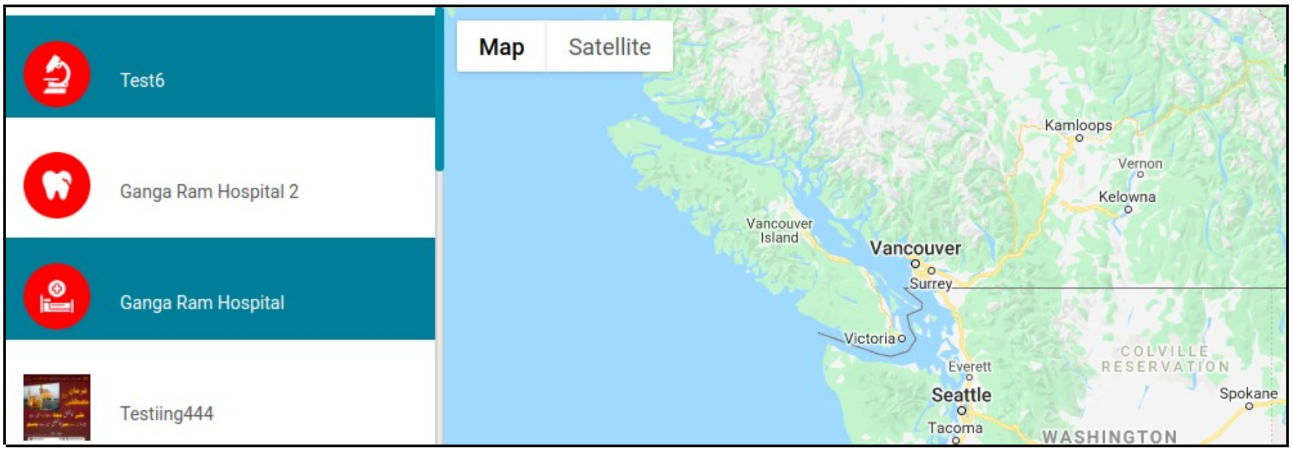
Medical Resource Entities Sidenav

Left to the map container we have navigation bar showing list of different medical resource entities. This will actually filter the medical resources on the basis of medical resource entities. This is a multi-select list and will allow user to select multiple medical resource entities.

Before Filter:



After Filter

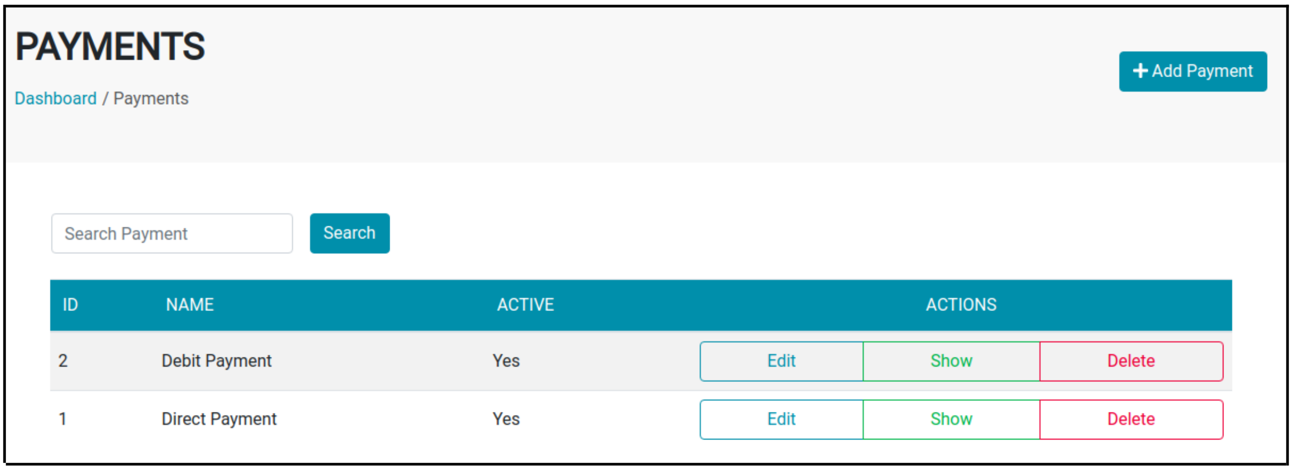


7 Payment

Payment include the different type of payment methods a Medical Resource accepts. This is a dynamically created section for the medical resources. This is totally controlled by the admin and an admin have privileges to change payment sections in the entire system. This is actually used at the creation of a medical resource. Checkboxes are used to show payment methods on the form of the medical resources.

Listing Payment Types

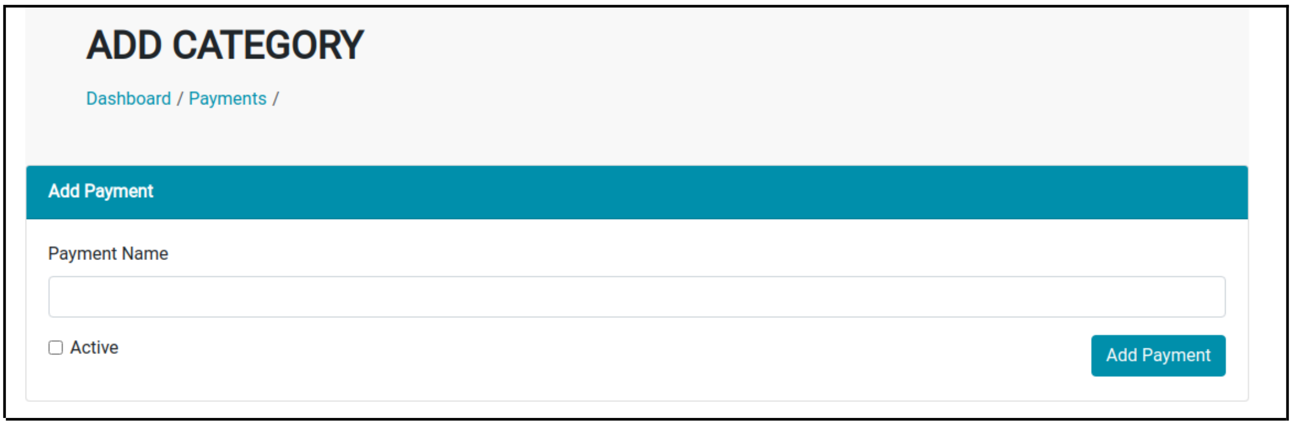
Clicking on the **“Payment”** tab from the side navigation bar we get redirected to the listing page of all the payment types available in the system. Here on this screen we get all the payment types available, also admin have the privileges to do some actions on one payment types. Like an admin have options to add, update, show and delete payment types.



Adding a Payment Type

For adding a new payment type we have the button **“+ Add Payment”** on the listing page of the payments at the top right corner.

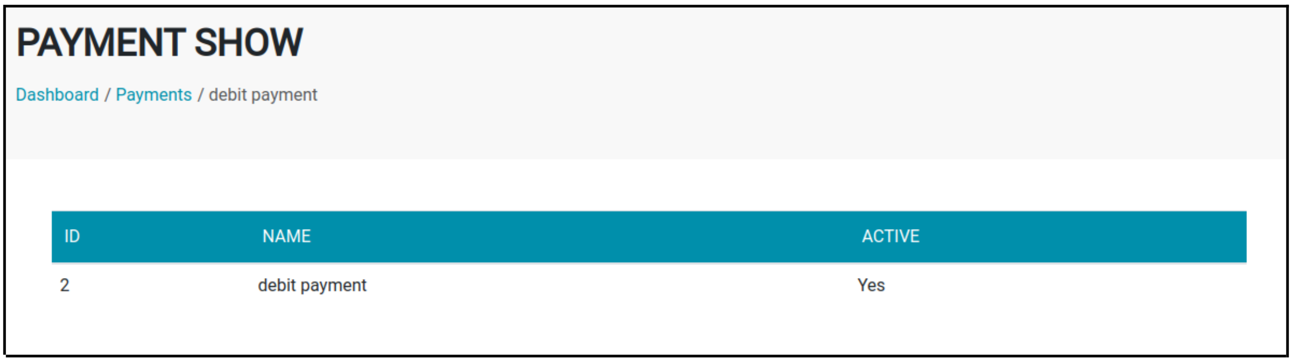
Clicking on the button will redirect the user to a new page containing a form having two input fields and a submit button. The input fields will take the data for the new payment type and submitting them will create a new payment type in the system and the user will be redirected back to the listing page and a success message will be shown.



Viewing a Payment Type

To view a payment type we have a button **“Show”** on the same listing page straight next to every payment type in the list. To view a specific payment type click on the **“Show”** for the same specific payment type.

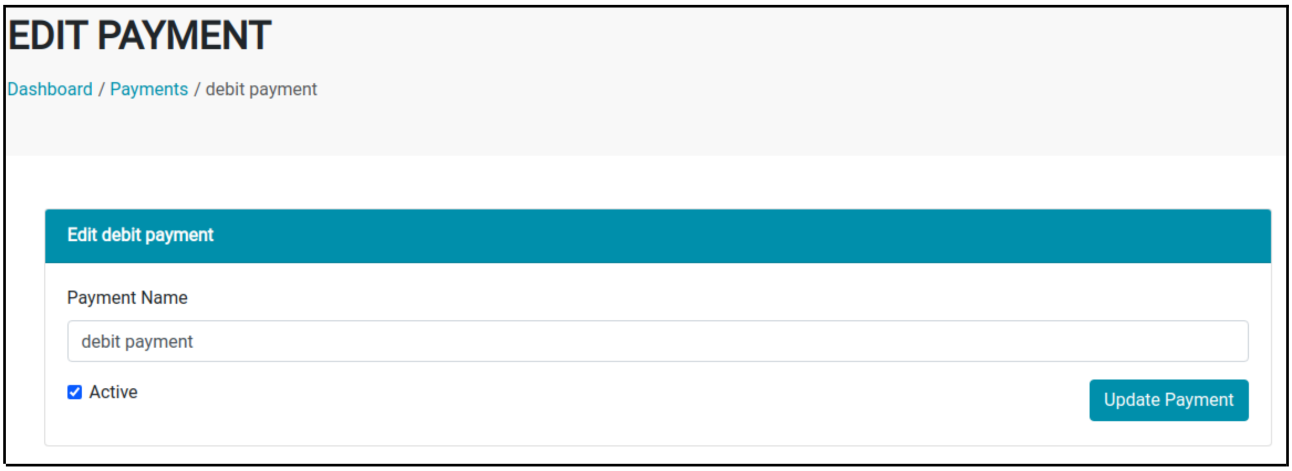
And the user will be redirected to a new page called **“Payment Show”**. On this page there will be a table having the information about that specific payment type.



Updating a Payment Type

To update a payment type we have a button **“Edit”** on the same listing page straight next to every payment type in the list. To update a specific payment type click on the **“Edit”** for the same specific payment type.

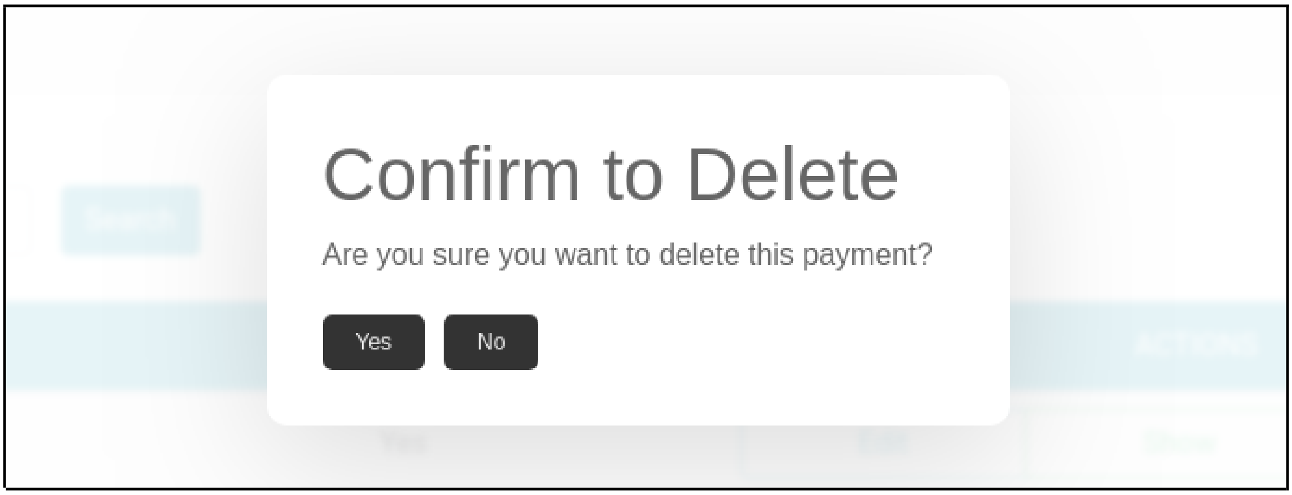
And the user will be redirected to a new page called **“Edit Payment”**. On this page there will be a form same as of the new payment page. Updating the fields with the new values and then submitting the form will update the payment type and the user will be redirected back to the listing page and the success message will shown.



Deleting a Payment Type

To delete a payment type we have a button **"Delete"** on the same listing page straight next to every payment type in the list. To delete a specific payment type click on the **"Delete"** for the same specific payment type.

Clicking on the button will show a confirmation pop-up,



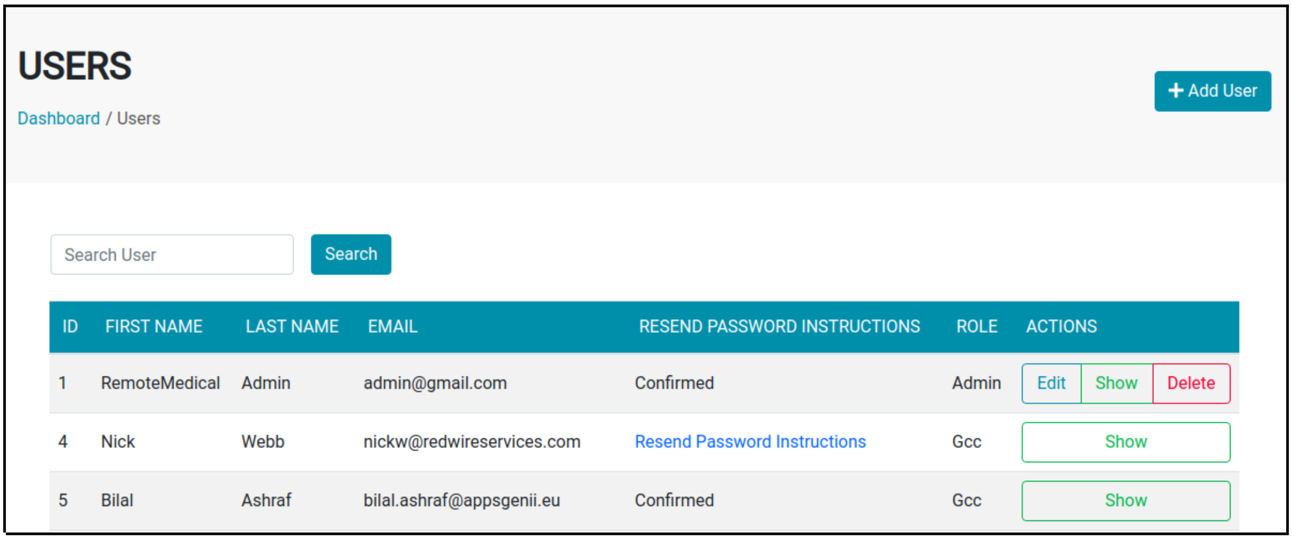
confirming the pop-up will delete the payment type and the delete payment type message will be shown.

8 Users

This tab consists of the users data of the Remote Medical System. This tab is used to invite people to the system to perform and handle the system as an admin. This tab is to control the creation of users and updating them.

Listing Users

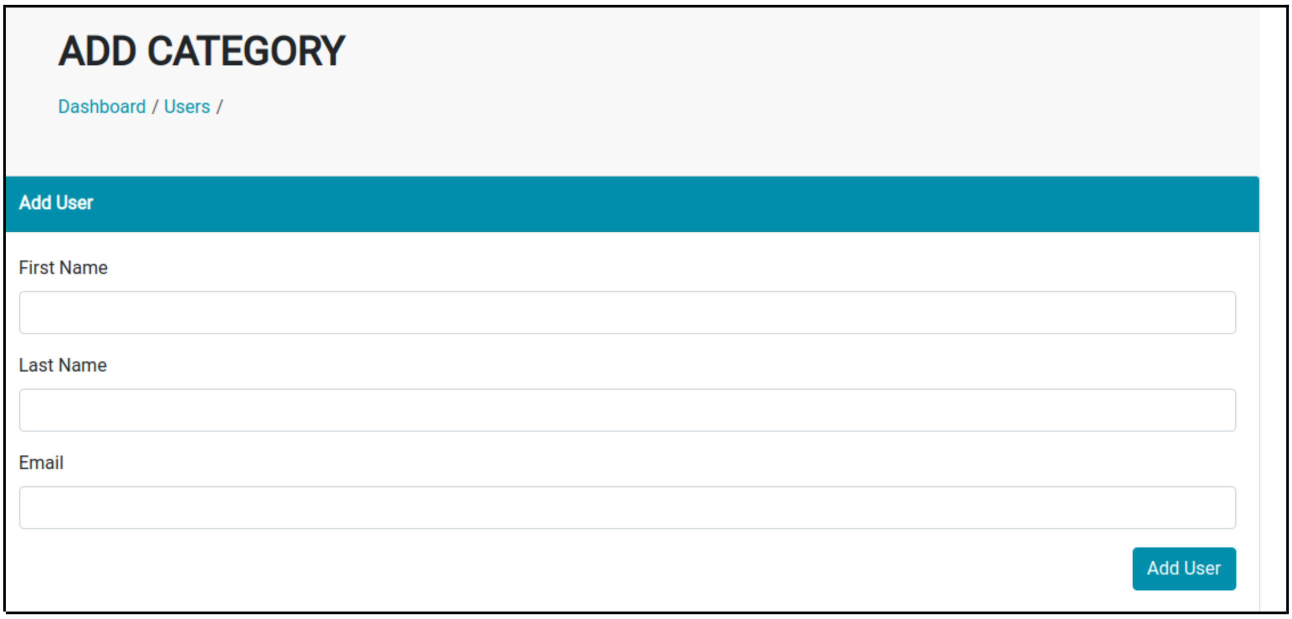
Clicking on the **“Users”** tab from the side navigation bar we get redirected to the listing page of all the users available in the system. Here on this screen we get all the users available, also admin have the privileges to do some actions on one user. Like an admin have options to add, edit, show and delete users.



Adding a User

For adding a new user we have the button **“+ Add User”** on the listing page of the users at the top right corner.

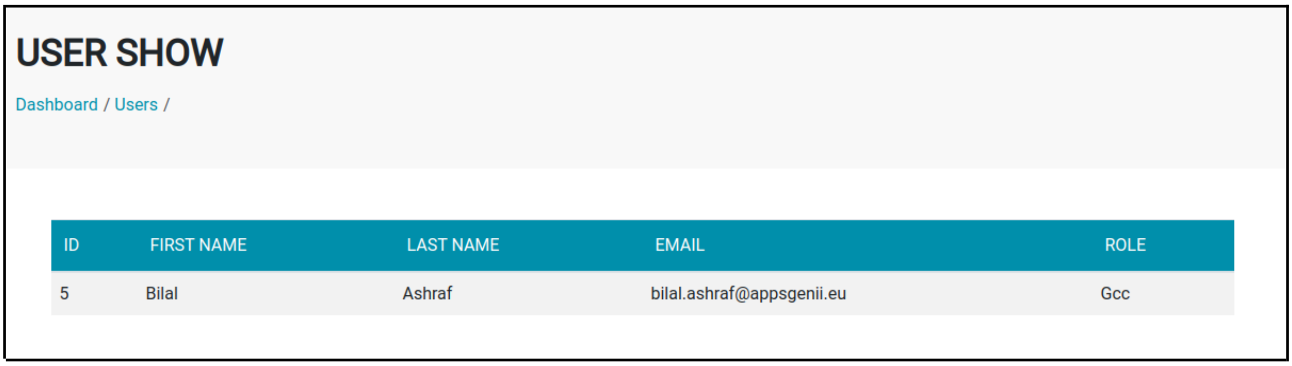
Clicking on the button will redirect the user to a new page containing a form having three input fields and a submit button. The input fields will take the data for the new user and submitting them will create a new user in the system and the user will be redirected back to the listing page and a success message will be shown.



Viewing a User

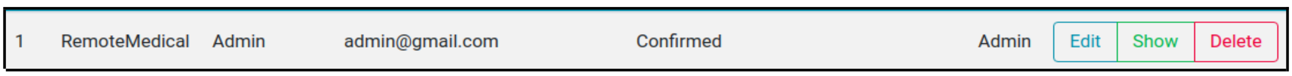
To view a user we have a button **“Show”** on the same listing page straight next to every user in the list. To view a specific user click on the **“Show”** for the same specific user.

And the user will be redirected to a new page called **“User Show”**. On this page there will be a table having the information about that specific user.

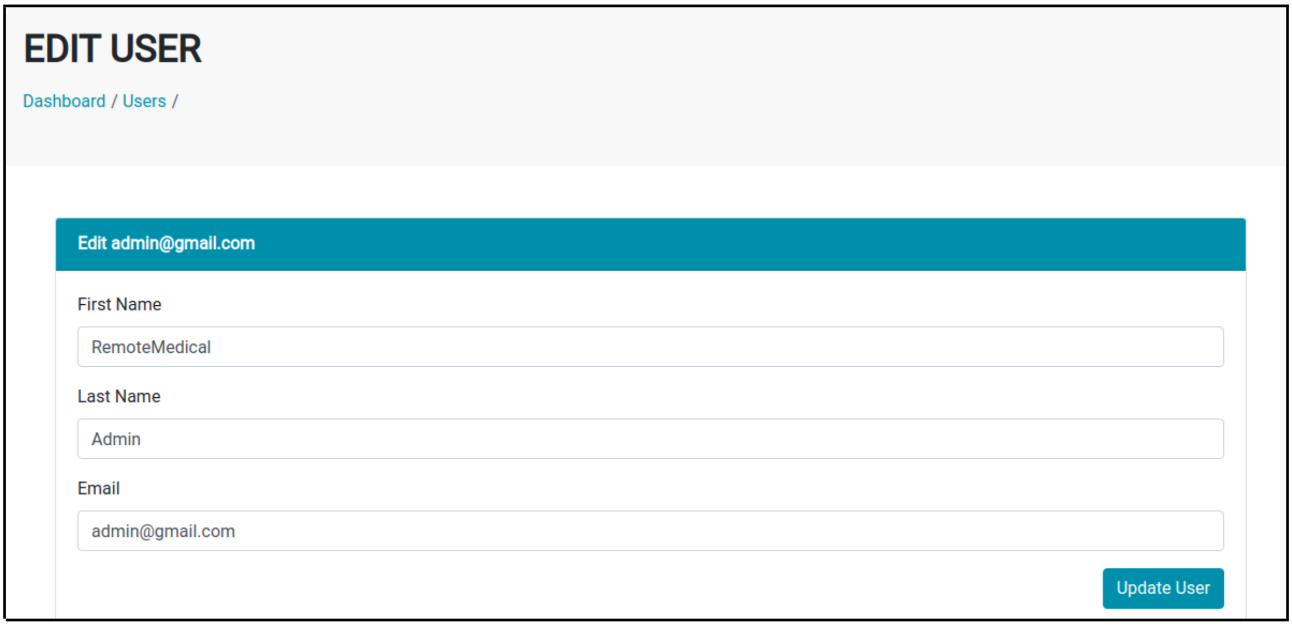


Updating a User

To update a user we have a button **“Edit”** on the same listing page straight next to every user in the list. To update a specific user click on the **“Edit”** for the same specific user.

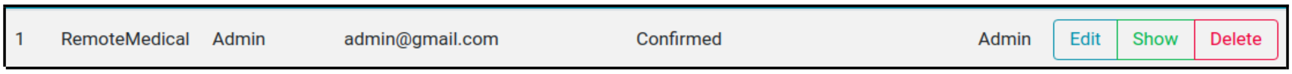


And the user will be redirected to a new page called **“Edit User”**. On this page there will be a form same as of the new user page. Updating the fields with the new values and then submitting the form will update the user and the user will be redirected back to the listing page and the success message will shown.

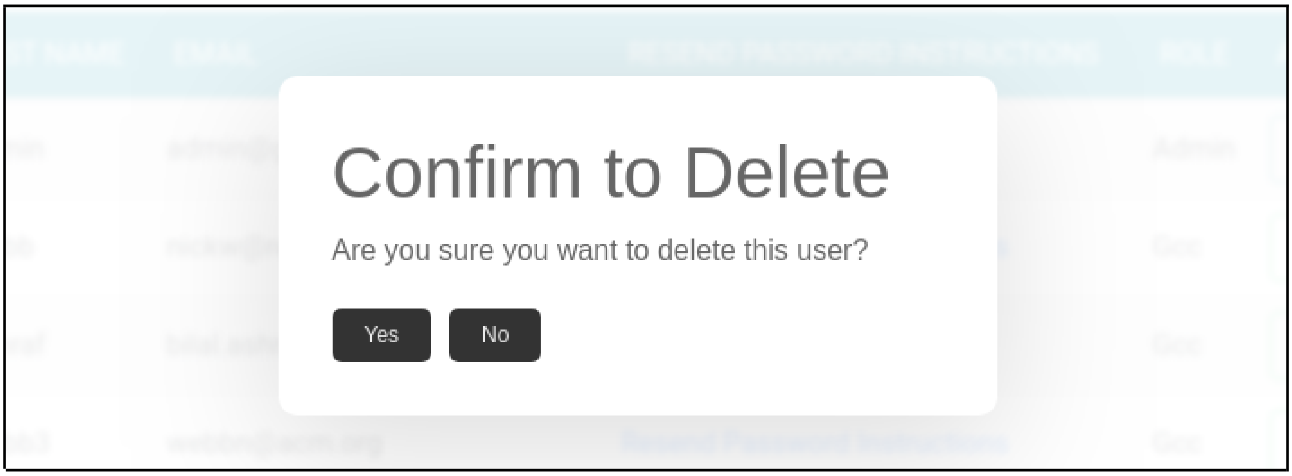


Deleting a User

To delete a user we have a button **"Delete"** on the same listing page straight next to every user in the list. To delete a specific user click on the **"Delete"** for the same specific user.



Clicking on the button will show a confirmation pop-up,



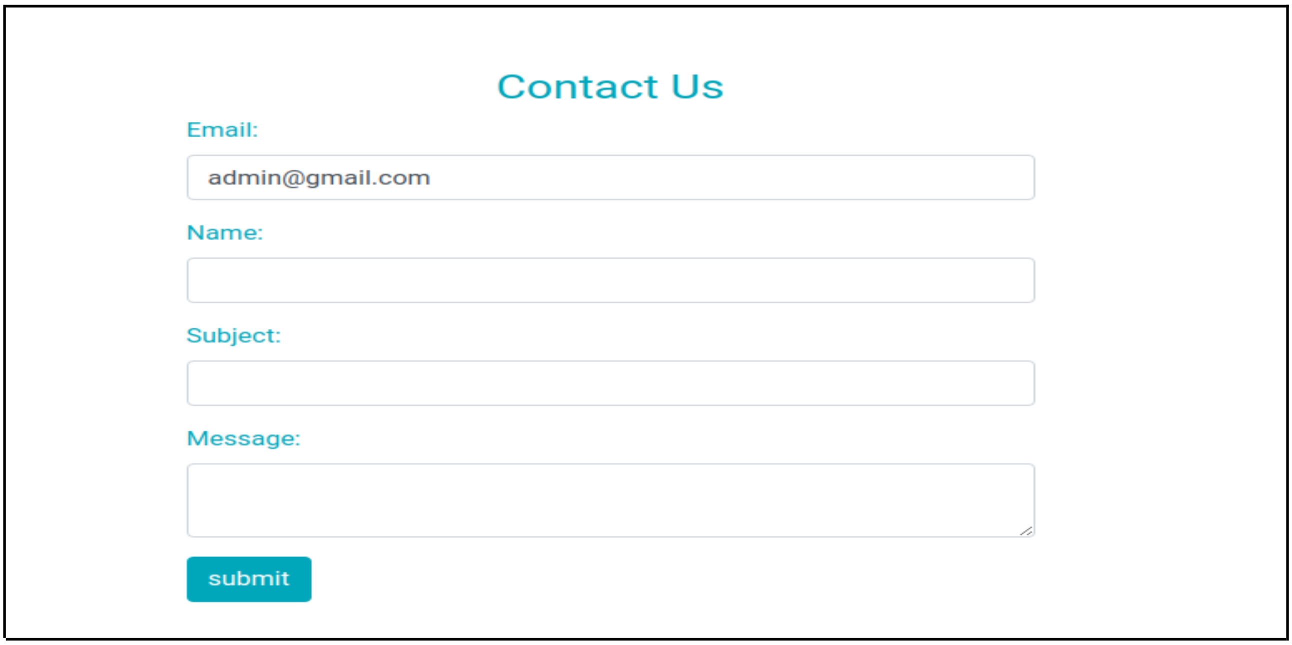
confirming the pop-up will delete the user and the delete user message will be shown.

9 Contact Us

This tab is used to provide the user a way to contact the team for any query or issue. This tab is simply a form consisting of different fields for taking information about the query and send it to the team through an email.

Reporting an Issue(Sending Message)

To send a message to the team a user must click the **“Contact Us”** tab from the side bar navigation. Clicking on the tab user will be navigated to a new page. This page will consist of a form with four input fields and a submit button.



Fill the required data and submitting the form will send an email to the admin with the message you entered.