

Devices-type featured module

Components

Devices-type-listing

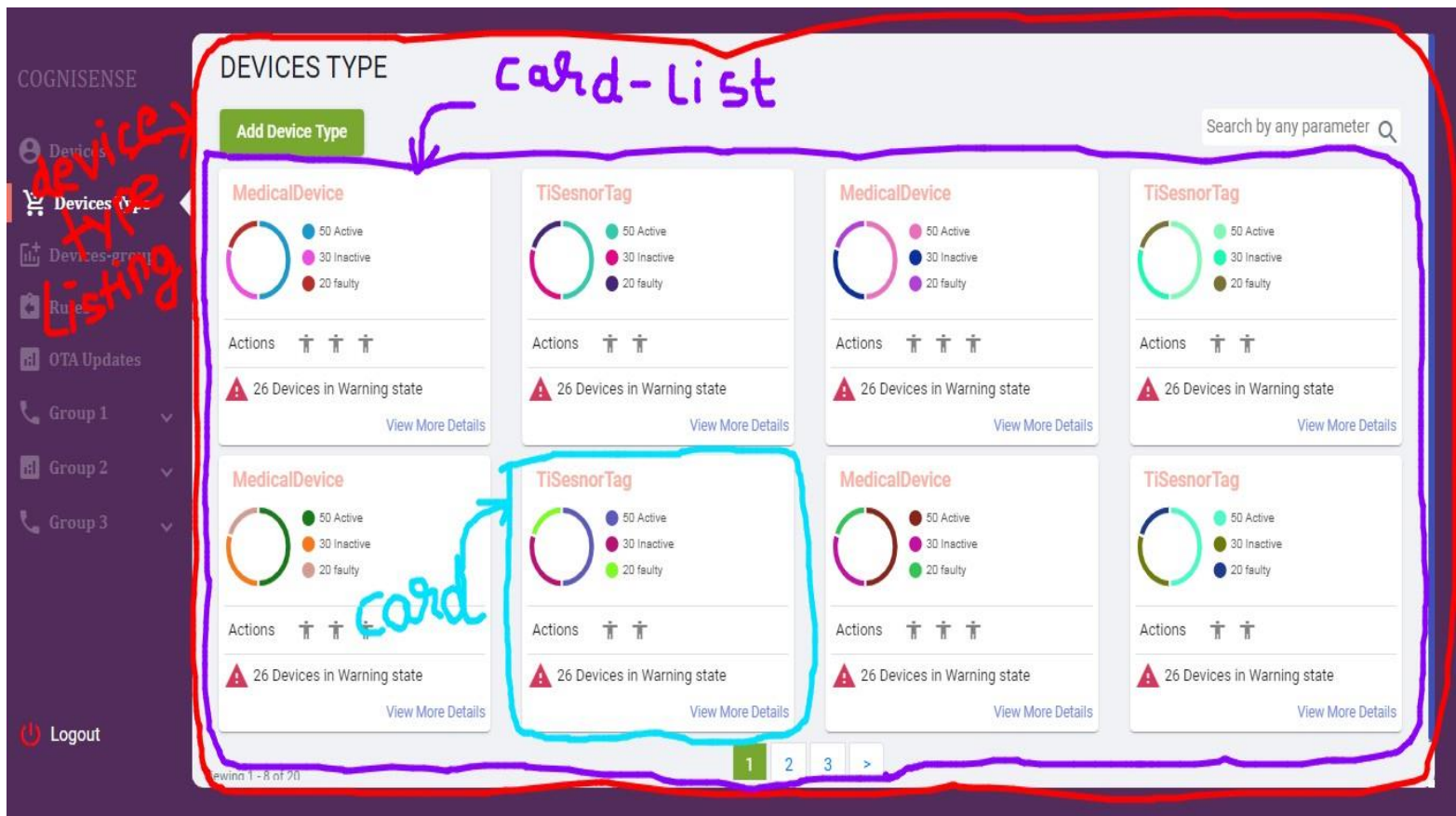
Card-list

Card

Popup

Add-device-type-form

Devices-type-listing



It is the first component that is going to render in this module.

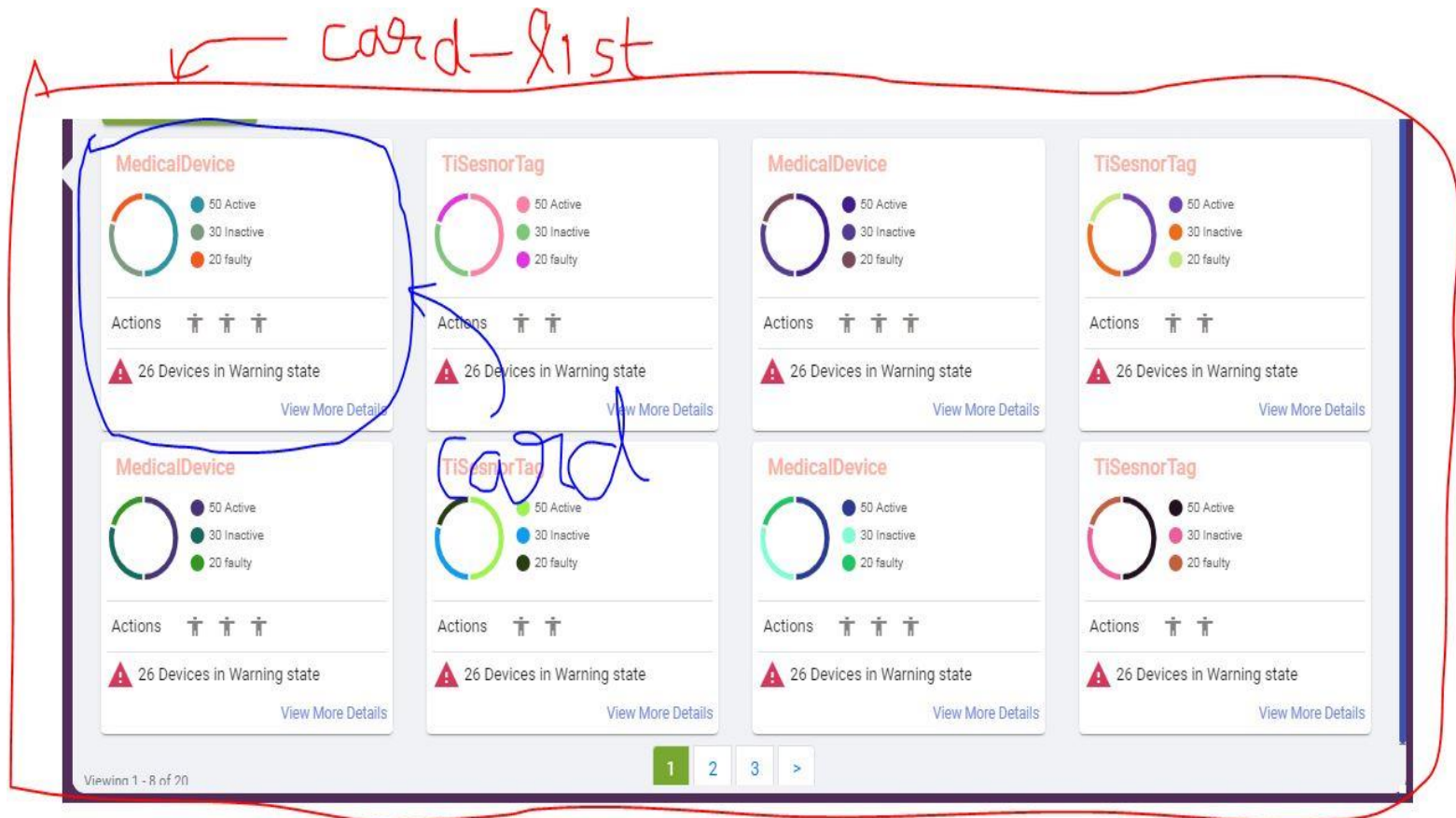
When you will click on ADD DEVICE TYPE Button, it will redirect to you **add-device-type-form** component, there you can add new device type by filling out the form.

This component uses **card-list** component to show all the devices-type as a list of cards.

You can search for the cards by using the *search by any parameter* input field.

This component will pass the *devices-data*, *count of all the devices-type* and *number of devices-type to show per page* to the **card-list** component.

Card-list



Basically, this component will list down all the devices-type.

As the name suggests, it is a list of cards where each card will represent a single device-type.

This component uses **card** component to show a particular device-type.

In this image you can see 8 cards per page. You can change it to any number.

If you click on any page number, this component will fire an event with that page number to its parent component (which is **devices-type-listing** in this case) which fetches the devices-type data for that page number from service.

Card



This component is showing a single device-type as a card.

You can see all the following details about a device-type –

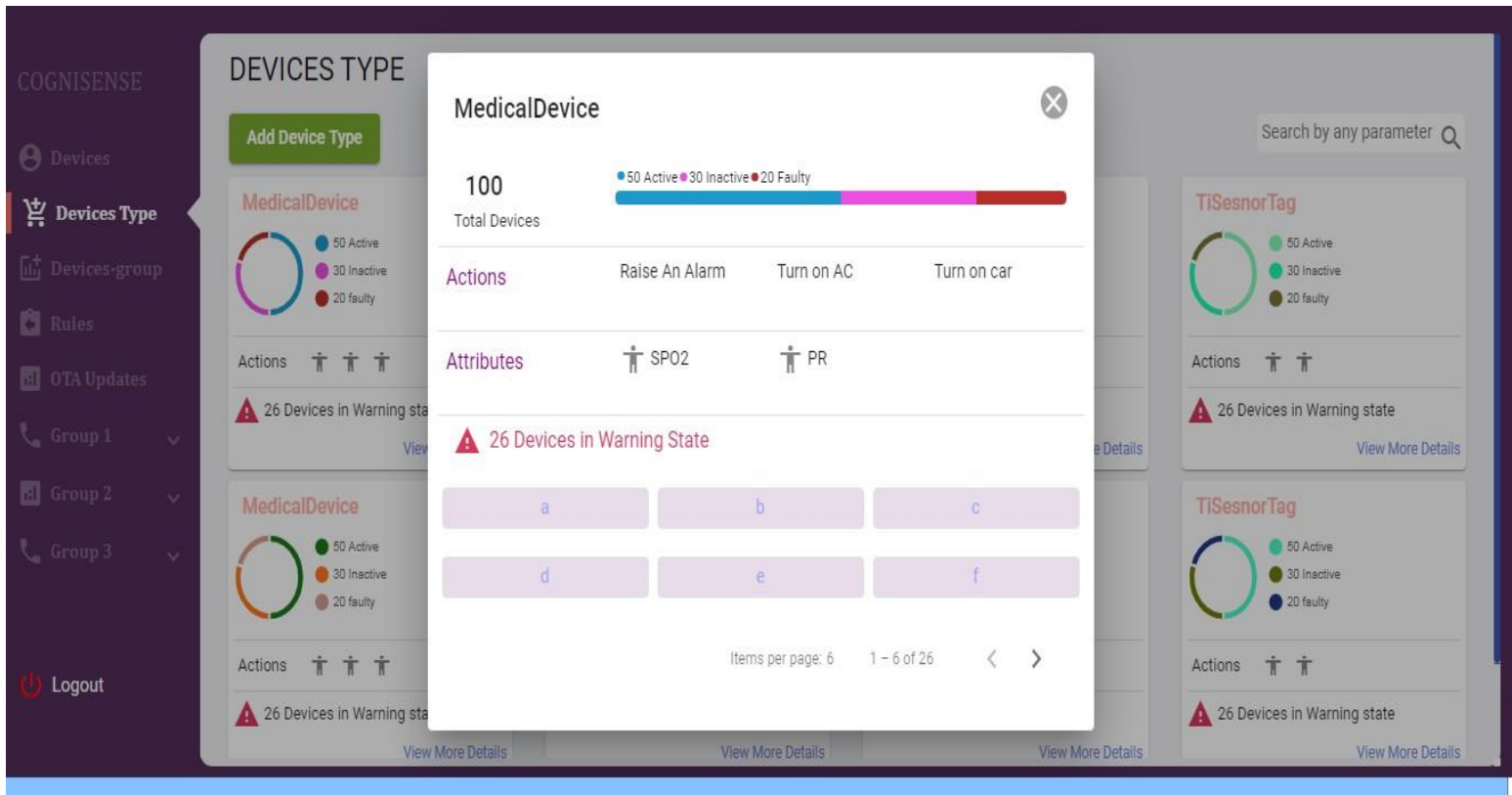
- Name of device-type (MedicalDevice in the image)
- This device-type contains 50 active devices, 30 inactive device and 20 faulty devices.
- 26 devices are in warning state.
- We will show a corresponding icon for a particular action in a device-type.

I am using chartjs library for showing chart (doughnut chart).

If you want to see more details about a device type you can click on view more details.

After clicking on view more details, **popup** component will show up with all the details of that device-type.

Popup



This component is showing all the details about a particular device type.

It will tell you the following-

- Name of the device-type
- Total count of devices (100 in this case)
- Statuses of the devices (50 Active, 30 Inactive, 20 Faulty)
- Actions
- Attributes
- All the devices that are in warning states (26 in this case)

I have added pagination for showing all the devices that are in warning states.

Add-device-type form

COGNISENSE

Devices Type > Add Devices Type

Name: Device type 1

Actions: action 1, action 2, action 3

Attribute Name: attribute 1

Account: 2

Type: String, Number, Double, Float, Timestamp

Security: Intrinsic, Dynamic, BC

+ Add Another Attribute

Create Device Type

```
add-device-type-form.component.ts:53
{"deviceType": "Device type
1", "actions": ["action 1",
action 2", " action
3"], "attributes":
[{"name": "attribute
1", "accId":
["2"], "dataType": "STRING", "sec
uritySetting": "1"}]}
```

You can add new device type by using this form.

Following is the JSON representation of the form data that will be send to the server.

```
{
  "deviceType": "Device type 1",
  "actions": [
    "action 1",
    " action 2",
    " action 3"
  ],
  "attributes": [
    {
      "name": "attribute 1",
      "accId": [
        "2"
      ],
      "dataType": "STRING",
      "securitySetting": "1"
    }
  ]
}
```

You can add as many attributes you want. Look at the JSON response below if you add more than one attributes.

```
{
  "deviceType": "Device type 1",
  "actions": [
    "action 1",
    "action 2",
    "action 3"
  ],
  "attributes": [
    {
      "name": "attribute 1",
      "acclId": [
        "2"
      ],
      "dataType": "STRING",
      "securitySetting": "1"
    },
    {
      "name": "Attribute 2",
      "acclId": [
        "3"
      ],
      "dataType": "NUMBER",
      "securitySetting": "0"
    }
  ]
}
```