

Smart-HHM Web Application



Preface

About This User Guide

This document provides information about the services and functions available in Viliso Smart HHM Web App and how to access them. The goal of this document is to give a broad overview of the main functions of Smart HHM Web Interface and instructions on how to set up and register and use the services offered by Web App.

Audience

This user guide is intended for people who want to use Viliso Smart HHM devices and their application.

Version

Version no. of this document has been mentioned at the Bottom left corner of the document. Details of changes / corrections in current version are mentioned in Revision history page added at the end of the document.

Every effort has been made to ensure that this document is an accurate representation of the functionality of Smart HMM. As with every software application, development continues after the documentation has been published so small inconsistencies may occur. We would appreciate any feedback on this manual. Send comments via email to: support@viliso.in

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Table of Content

1. Login Page	5
1.1 Sign In.....	5
1.2 Track Odour level of Toilets and Provide Toilet Feedback Rating	6
1.3 Get Directions	13
1.4 Languages	17
2. Device Tree.....	18
2.1 Device Root	19
2.2 Parameter at a Glance.....	20
2.3 Device Real Time Online and Offline Status.....	22
2.4 Search Option	23
2.5 Refresh Tree Button.....	24
2.6 Highlight Button.....	25
2.7 Add User	26
2.8 Remove User	31
2.9 Device Raw Data	34
2.10 Device Profile.....	36

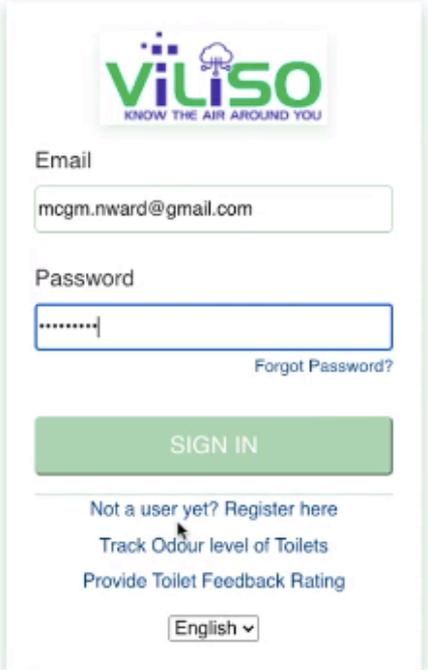
- 3. Navigation Bar41**
 - 3.1 Track-Toilets41
 - 3.2 Devices41
 - 3.3 Settings47
 - 3.4 Charts50
 - 3.5 Alerts56
 - 3.6 Contact Us57
 - 3.7 FAQs58
 - 3.9 About.....60

- 4. Additional Features62**
 - 4.1 User Profile62
 - 4.2 Log out.....66
 - 4.3 Languages67
 - 4.4 Need help to Setup Device/Wi-Fi?68
 - 4.5 Refresh Button69

- 5. Revision History73**

1. Login Page

1.1 Sign In

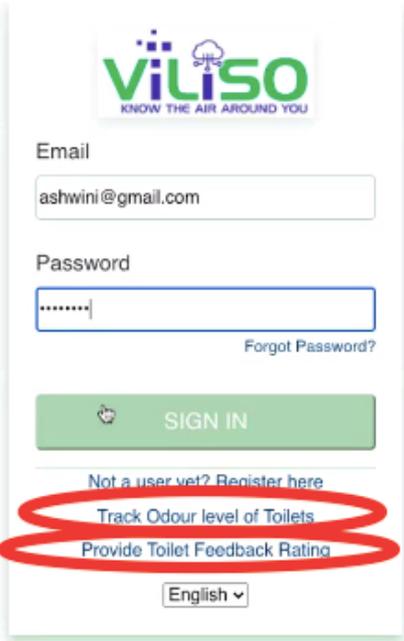


Login page of Smart-HHM Web Application

This is the login page of Smart-HHM Web Application. By typing **www.smarthhm.com** in the browser, the above page will appear which is the login page. If user is already registered then user needs to just enter user's email with which user has registered and also user's respective password and click **SIGN IN** button. If user is a new user and haven't registered yet the user needs to click on **Not a user yet ? Register here** option which is just below **SIGN IN** button. User will be directed to a page where the user needs to enter user's respective information that is user's email and password and with that user will be registered. After registering, the user can sign in.

User can reset password by clicking on **Forgot Password?** option and from there user can set new password.

1.2 Track Odour level of Toilets and Provide Toilet Feedback Rating

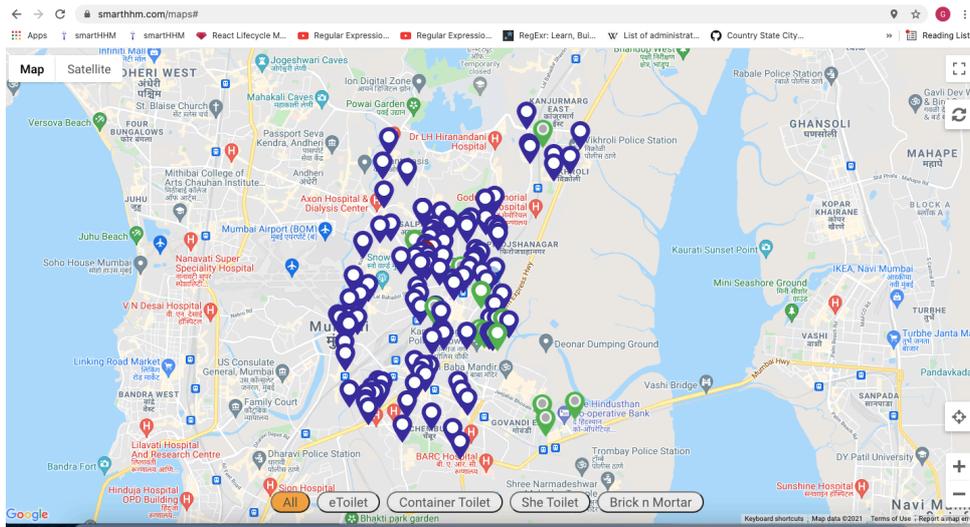


Track Odour Level of Toilets and Provide Toilet Feedback Rating

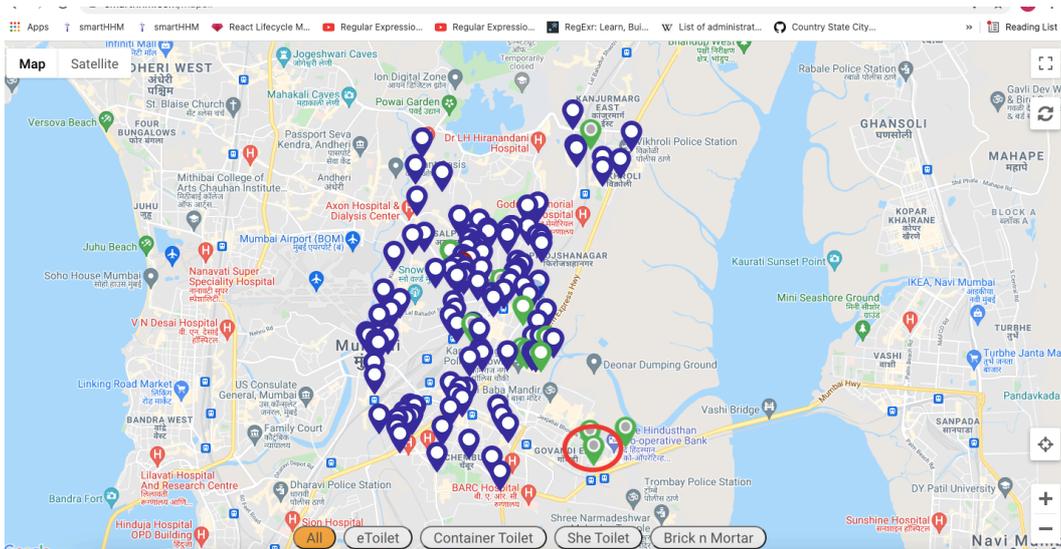
Just below **Not a user yet ? Register** here, user will see **Track Odour level of Toilets** option and **Provide Toilet Feedback Rating** option.

By clicking on **Track Odour level of Toilets**, any normal user can track the toilets and by clicking on **Provide Feedback Rating For This Toilet** any normal user can provide feedback without the need of logging in.

By clicking on **Track Odour level of Toilets** option as shown in the above image, user will be directed to a Map. By taking user's current location the map will show all the toilets near by user's location as shown in the below image.

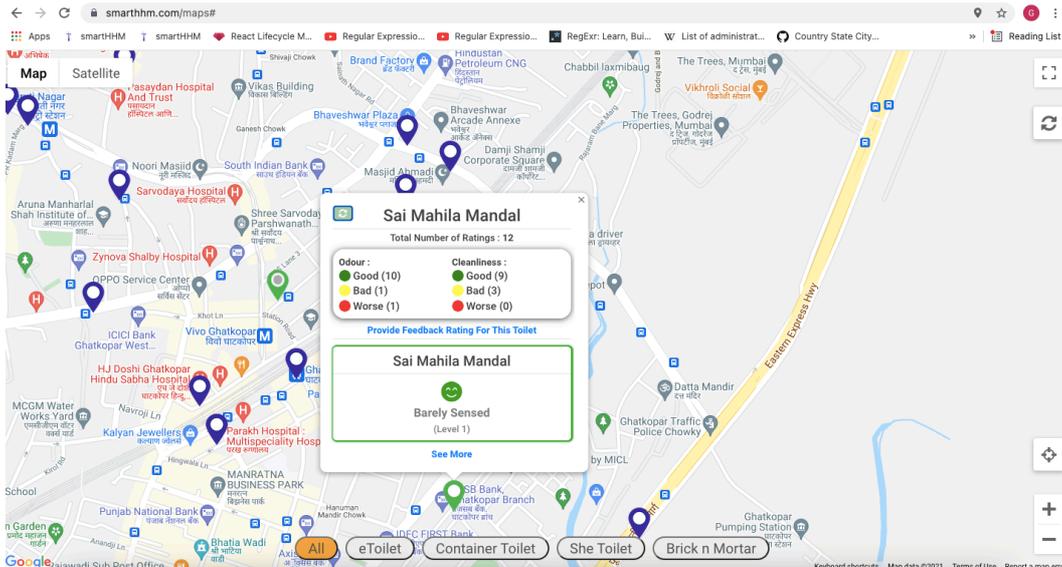


Track Toilets



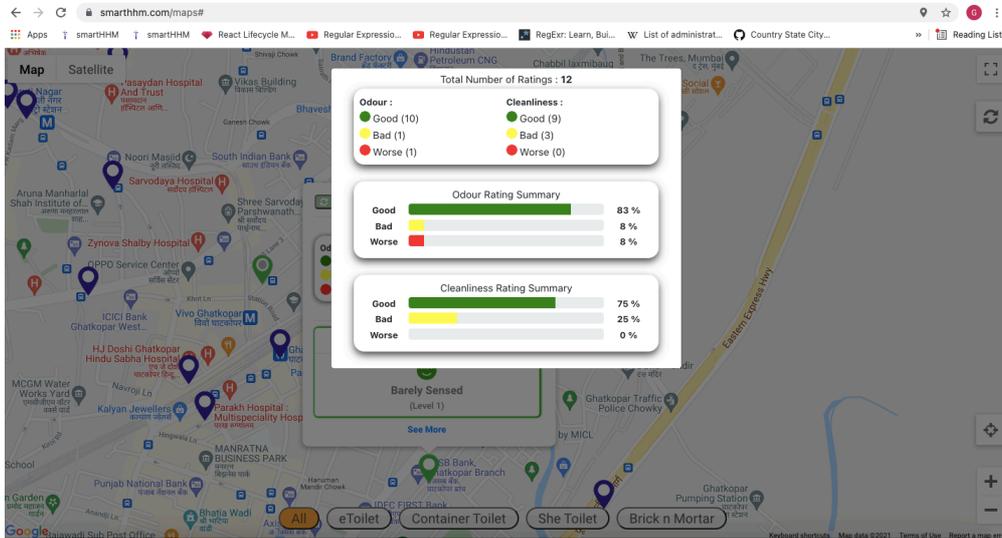
Markers

In the above image, the circled part is the marker and the colour of the marker indicates the range of the parameter. If the user click on any of the marker the window will appear as shown in the below image.



In the above window, there is the Name of the Toilet, Total Numbers of Ratings, Ratings for Odour and Cleanliness and this is Single devices toilet so it is showing information about Single Device.

User can click on any of the Good, Bad and Worse and user will see the window as shown in the below image, indicating expanded view of this particular information.

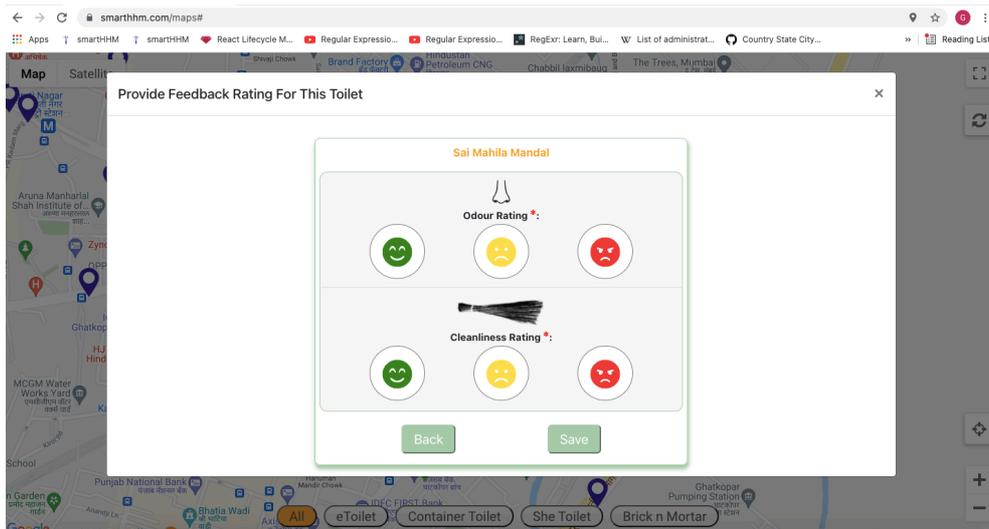
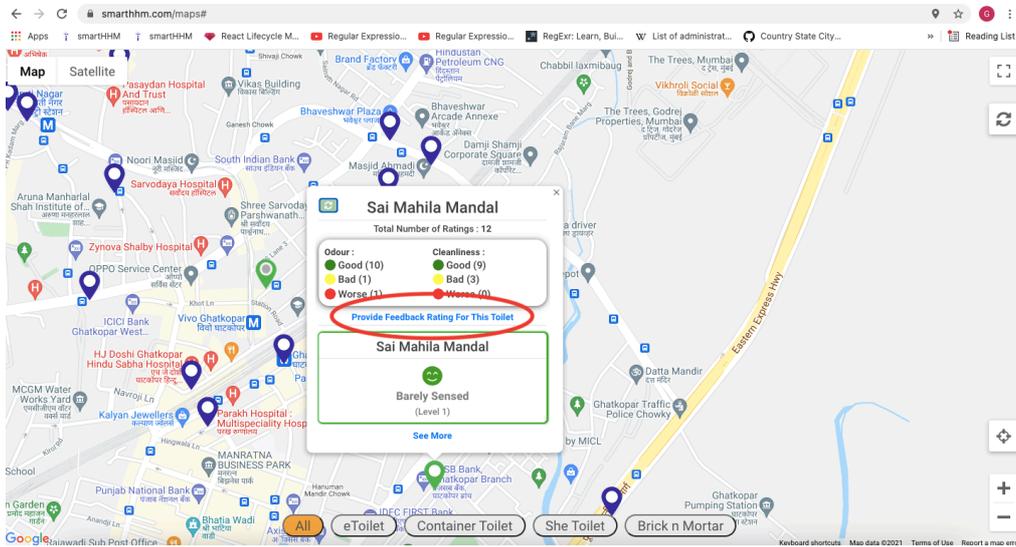


Expanded View

In the above window, user will see total number of Ratings which are 12, Ratings for Odour and Cleanliness and Odour Rating and Cleanliness Rating Summary. In Odour Rating Summary, the ratings are given in percentage which means that 83% of 12 reviewers have given rating Good, 8% of 12 reviewers have given rating Bad, and 8% of 12 reviewers have given rating Worse. It is the same for Cleanliness Summary.

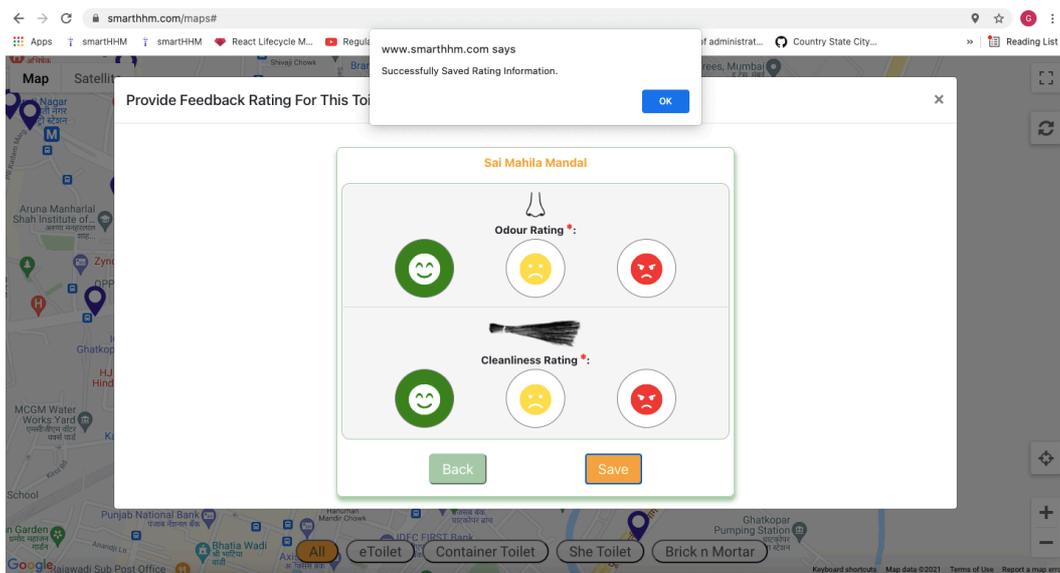
By clicking on **Provide Feedback Rating For This Toilet** its shown in the below image, Feedback window will appear and user can give odour and cleanliness ratings.

Green colour indicates Good, Yellow colour indicates Bad and Red colour indicates Worse.



Feedback Form

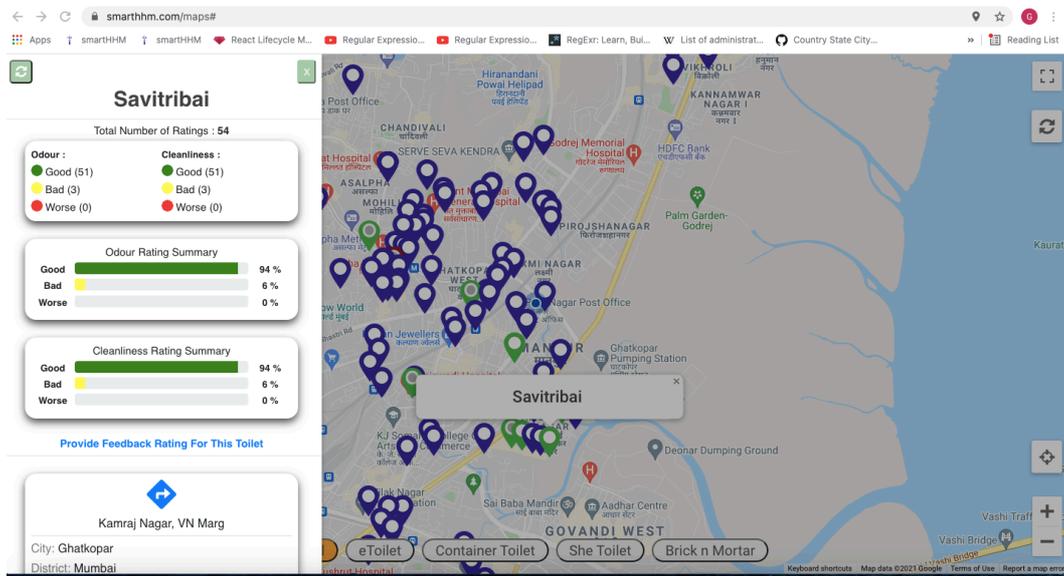
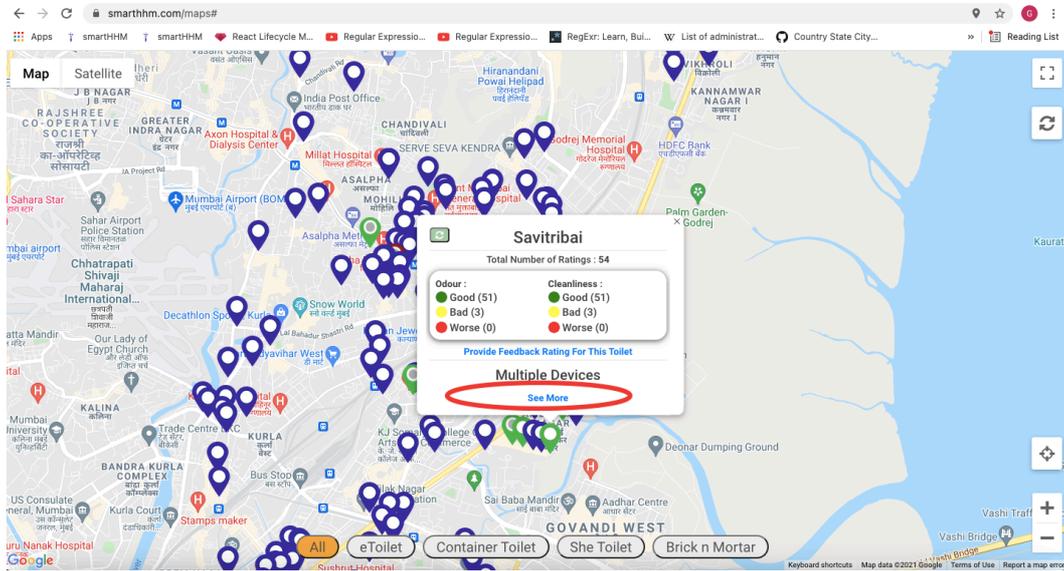
Once user is done rating the toilet, user can now click on **Save**, as shown in the below image, this will save and update the data and will give a pop message indicating 'Successfully Saved Rating Information'. In this way, any normal user can give ratings feedback and rate the toilet.

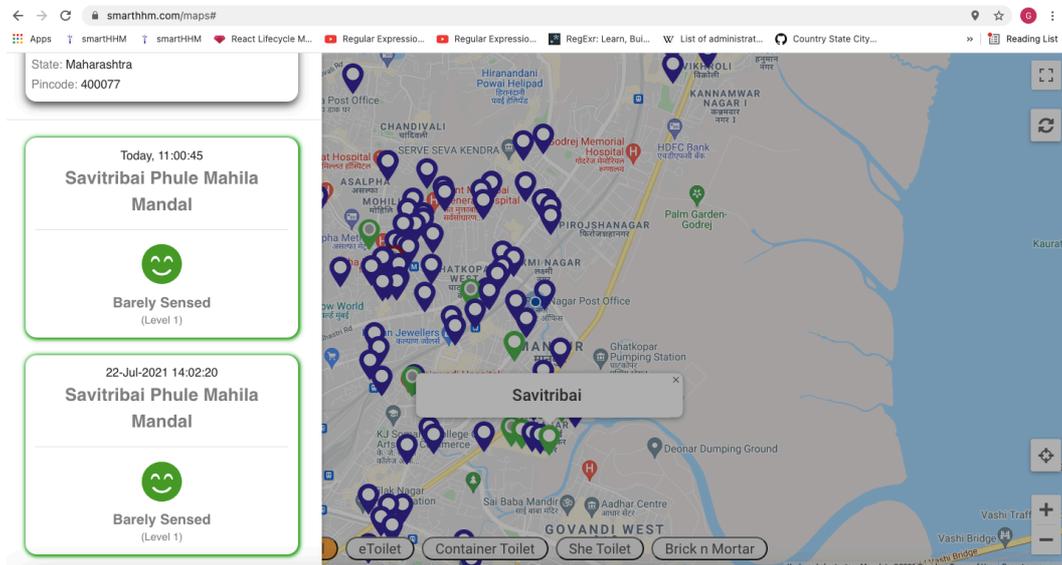


Now by Clicking on the **See More** from the earlier window, the side window will open where the user can get extra information about the Toilets as shown in the below images like Name of The Toilet, Total Number of Ratings, Ratings for Odour and cleanliness, Odour Summary, Cleanliness Summary.

User can also rate the toilet from here by clicking on **Provide Feedback Rating For This Toilet** as shown in the below images. The same feedback window will appear as seen earlier.

Address of the toilet is also given and next to it the directions option will navigate the user to that particular toilet.



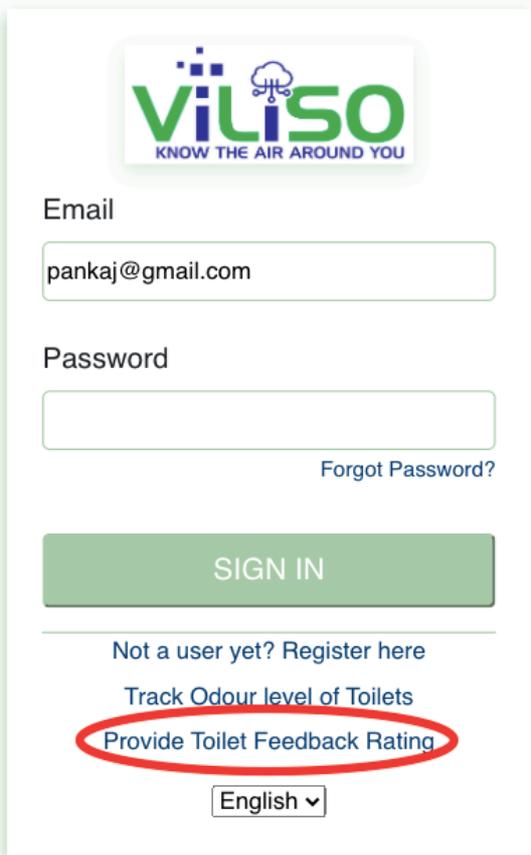


As there are multiple devices installed so it is Multiple Device toilet and all the information about the devices is also given as shown in the above image.

1.3 Get Directions

Here, user will see how to get Directions.

As shown in the below image circled, user can click on **Provide Toilet Feedback Rating** from the Login page, user will be directed to user's current locations and all the toilets near by user's location will be shown.

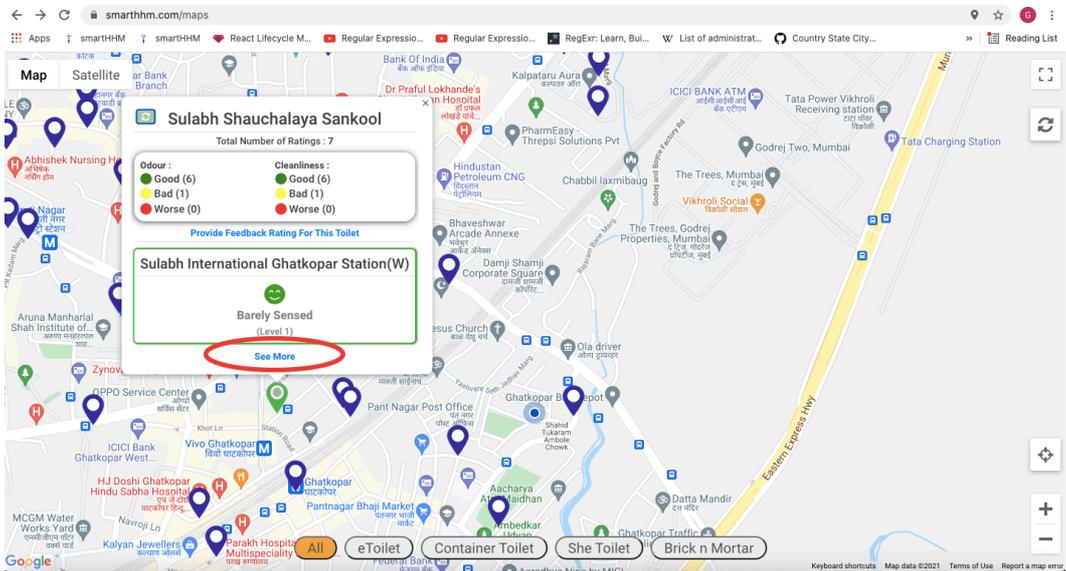
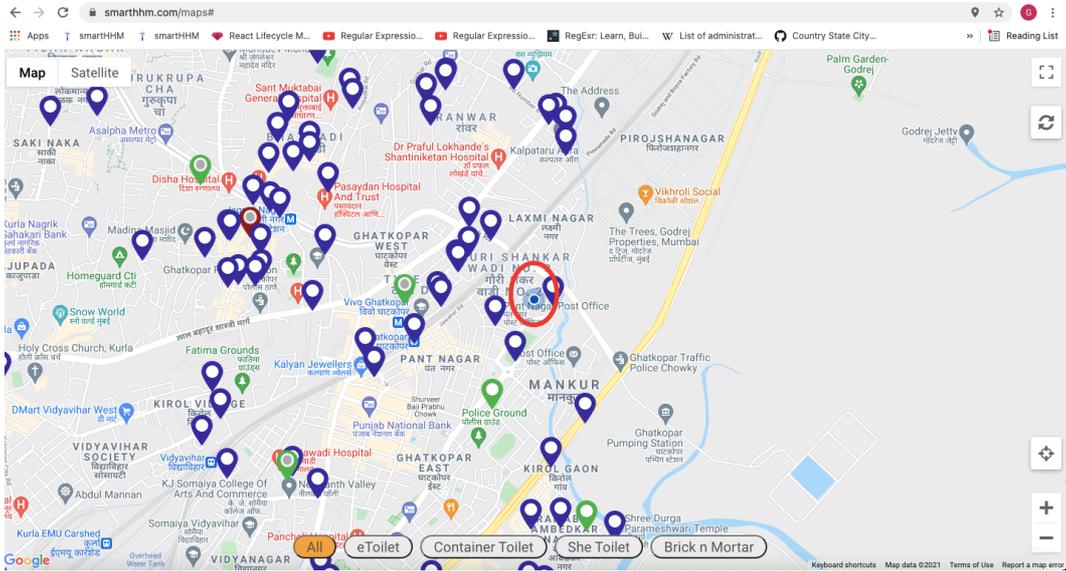


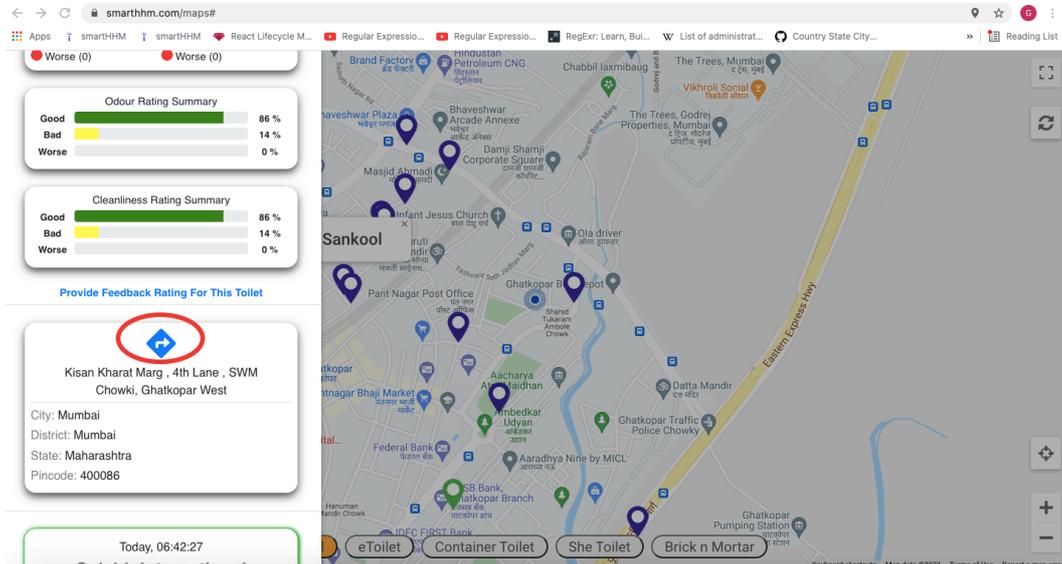
The image shows a login and registration form for the VILISO application. At the top is the VILISO logo with the tagline 'KNOW THE AIR AROUND YOU'. Below the logo is an 'Email' field containing 'pankaj@gmail.com'. Underneath is a 'Password' field, which is currently empty. To the right of the password field is a link that says 'Forgot Password?'. Below these fields is a green 'SIGN IN' button. Under the button, there are three links: 'Not a user yet? Register here', 'Track Odour level of Toilets', and 'Provide Toilet Feedback Rating'. The 'Provide Toilet Feedback Rating' link is circled in red. At the bottom of the form is a language dropdown menu set to 'English'.

Provide Toilet Feedback Rating

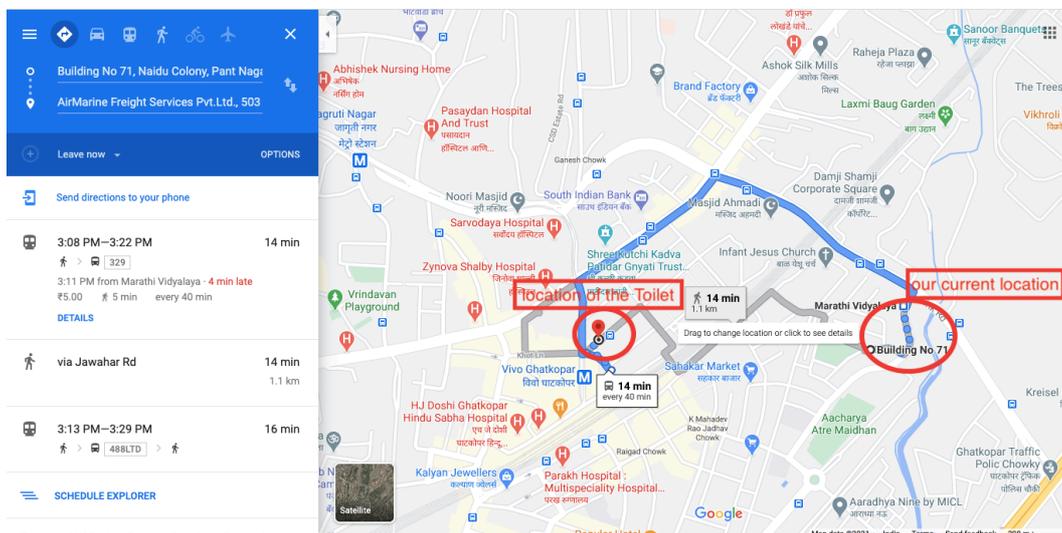
User can click on any nearby toilet marker user wants to visit. A window will appear, click on **Provide Toilet Feedback Rating** option from the window as shown in the below image.

By Clicking on the **See More** option from the window, user will get a side window as shown in the below image, where user will see Device information and down there, Address of that toilet. User can click on Get Direction option as circled in the below images from the address window of that toilet.





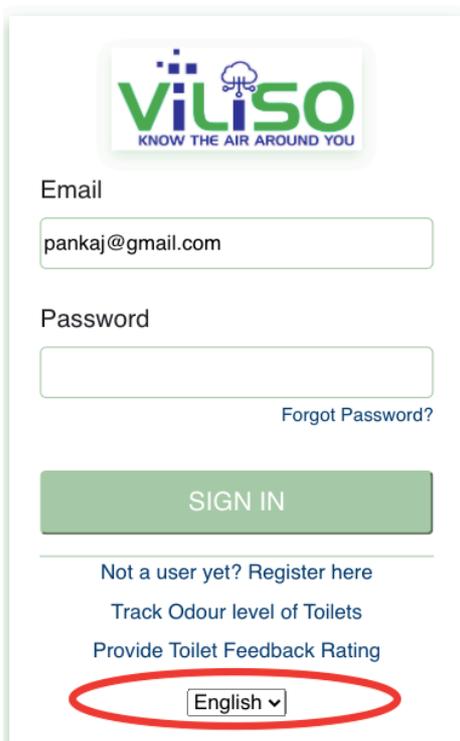
Get Direction option



By clicking on Get Direction option, user will be directed to Google Maps where user will get the directions from user's current location to the destination toilet user want to visit, as shown in the above image.

In this way, user can get directions for the toilet user wants to visit.

1.4 Languages

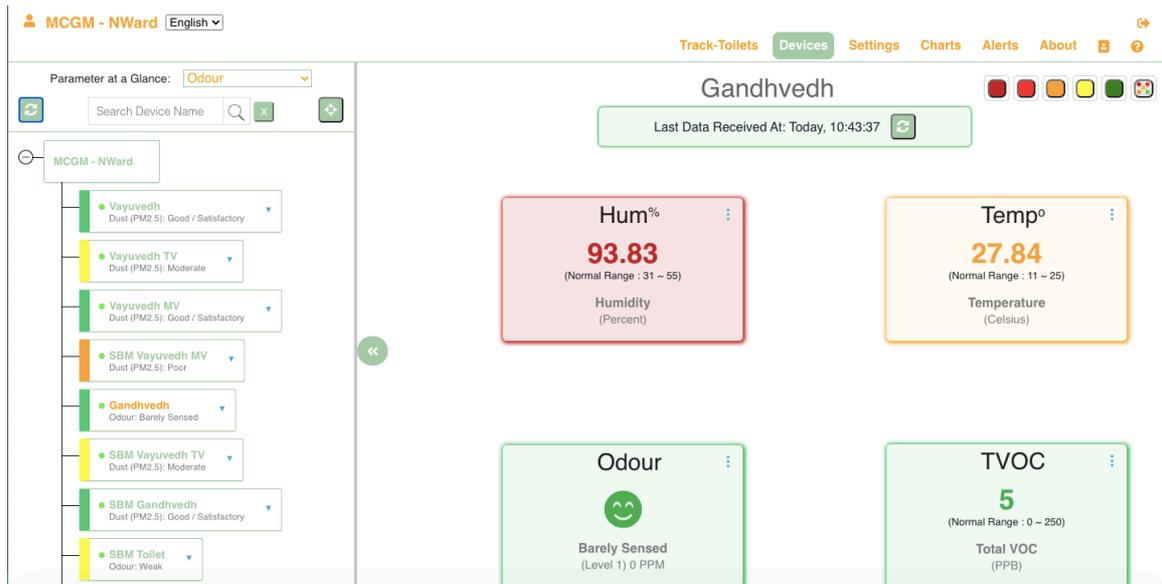


The screenshot shows the VILISO login interface. At the top is the VILISO logo with the tagline 'KNOW THE AIR AROUND YOU'. Below the logo are two input fields: 'Email' containing 'pankaj@gmail.com' and 'Password'. A 'Forgot Password?' link is positioned below the password field. A green 'SIGN IN' button is centered below the inputs. Underneath the button are three links: 'Not a user yet? Register here', 'Track Odour level of Toilets', and 'Provide Toilet Feedback Rating'. At the bottom, a language dropdown menu is highlighted with a red circle, showing 'English' with a downward arrow.

Languages Option

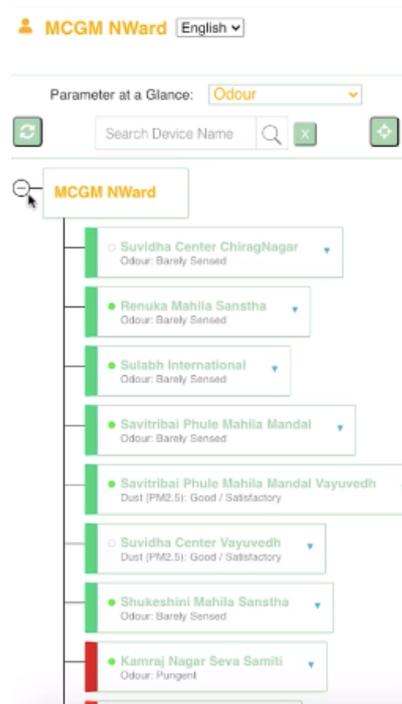
Just below **Provide Toilet Feedback Rating** option, there's a dropdown option of languages. User can select any 1 language from English, Hindi and Marathi and user will see all the content in user's selected language.

2. Device Tree



Main page of Smart-HHM Web Application

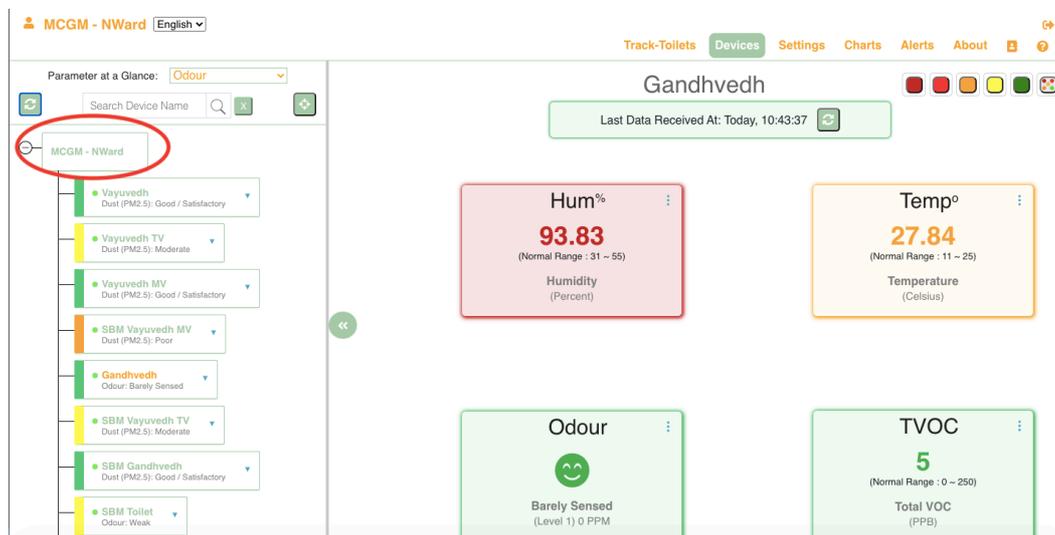
After signing in, the below page will appear which is main Smart-HHM Web Application page. At the left hand side user will see Smart-HHM Device tree.



Smart-HHM Device Tree

2.1 Device Root

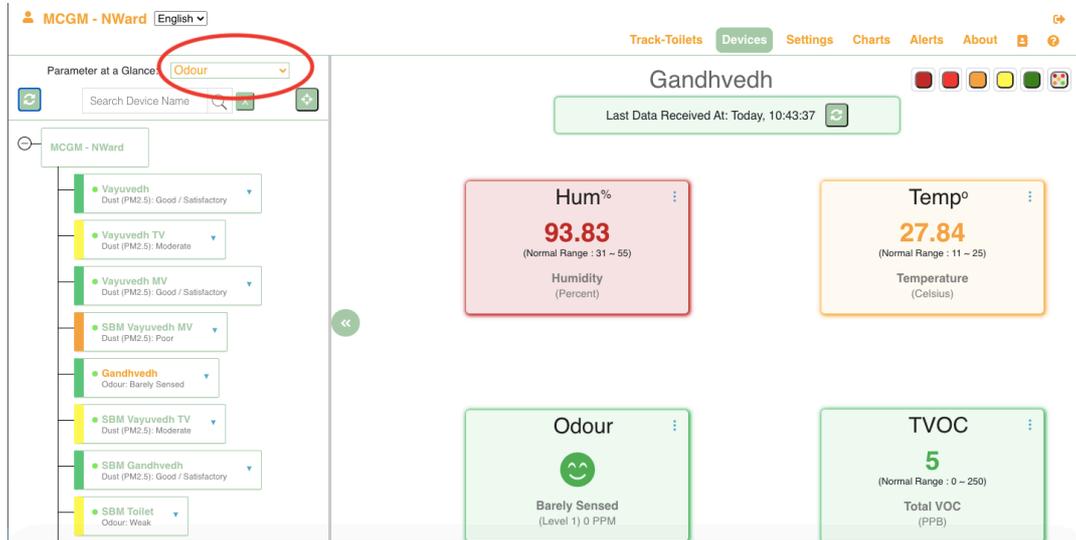
This is Smart-HHM Device tree and the circled part is Smart-HHM Device root as shown in the image below, which has the name of device owner. This indicates that all the devices and toilets which is under that root belongs to that particular owner.



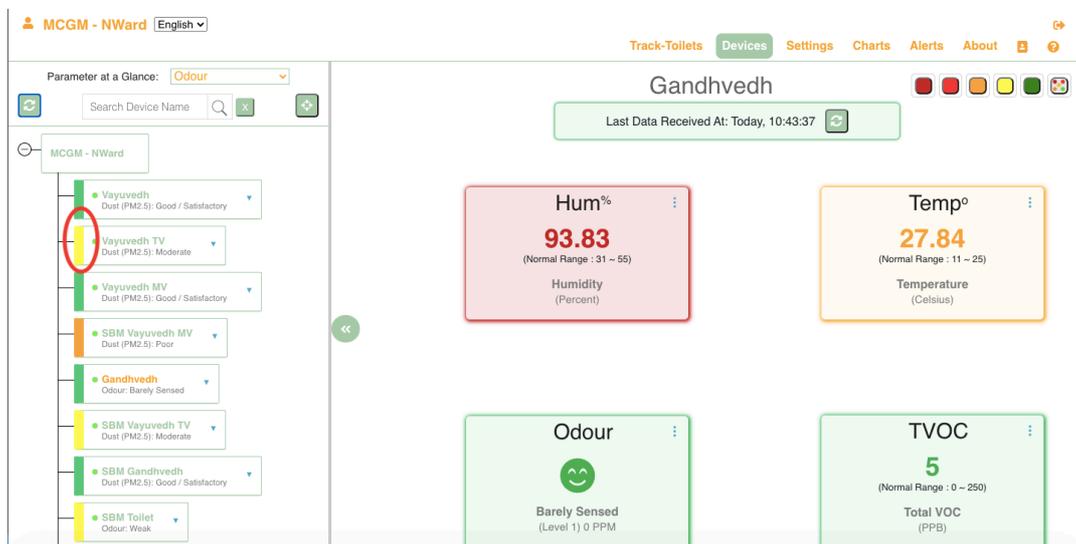
Device Root

2.2 Parameter at a Glance

In the below image, user can see **Parameter at a Glance** dropdown option which includes all the parameters. User can select any 1 parameter and according to the selected parameter, user can see **Hygiene Indicator** changing that is shown in the below image.

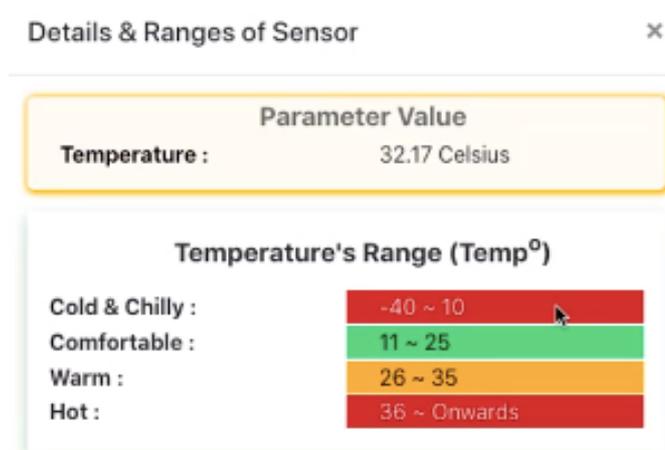


Parameter at a Glance Drop down option



Hygiene Indicator

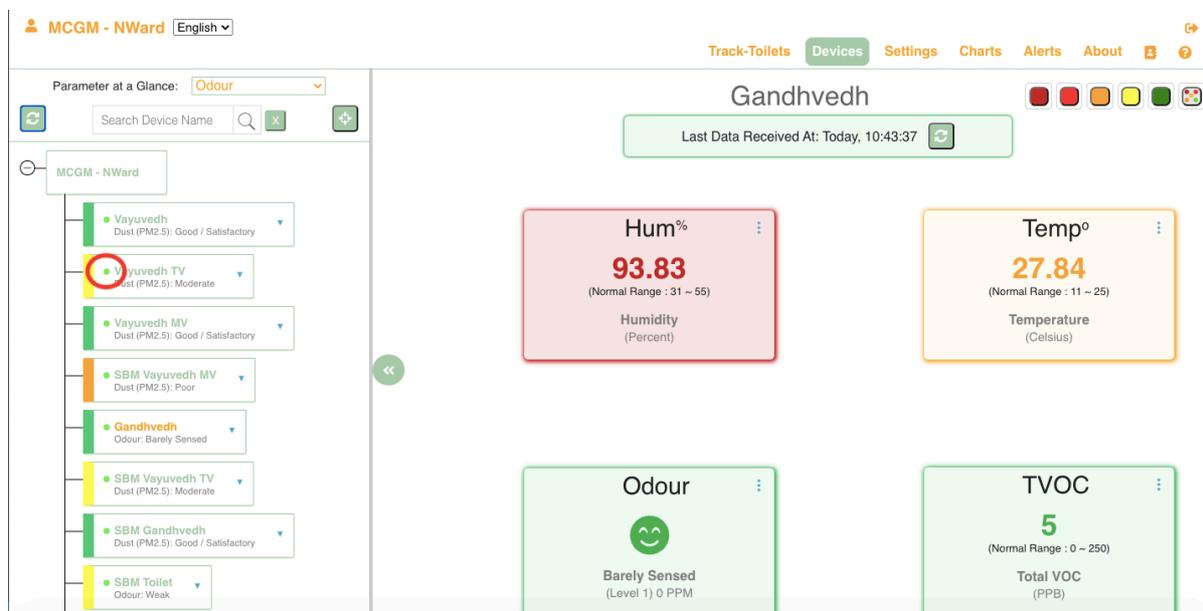
The colour of the **Hygiene Indicator** indicates the range in which the value of the selected parameter falls. For example the parameter selected is temperature and the band colour is orange, which means the particular device is in the range 26-35, that is warm. The temperature range is shown below.



Ranges of Parameter

2.3 Device Real Time Online and Offline Status

The green dot in the below image indicates that the device in the particular toilet is **Online** and connected and it is actively sending data to the user and invisible button indicates that the device is not connected that is, it is in **Offline** state.

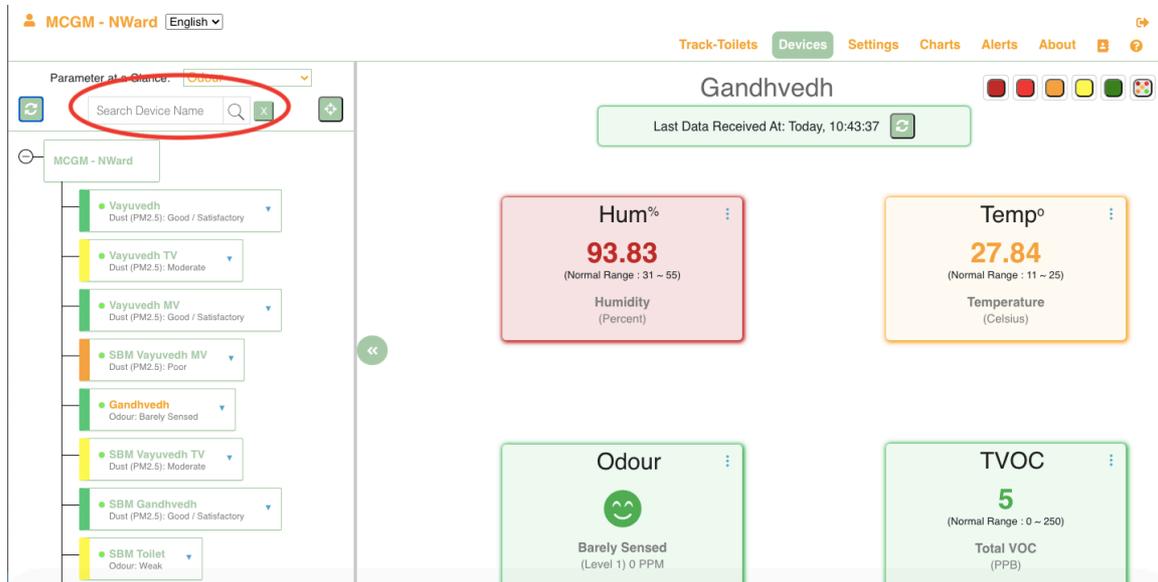


Online Status

2.4 Search Option

In the **Search Option** below, user can search for any toilet name and the results will appear. The results are highlighted.

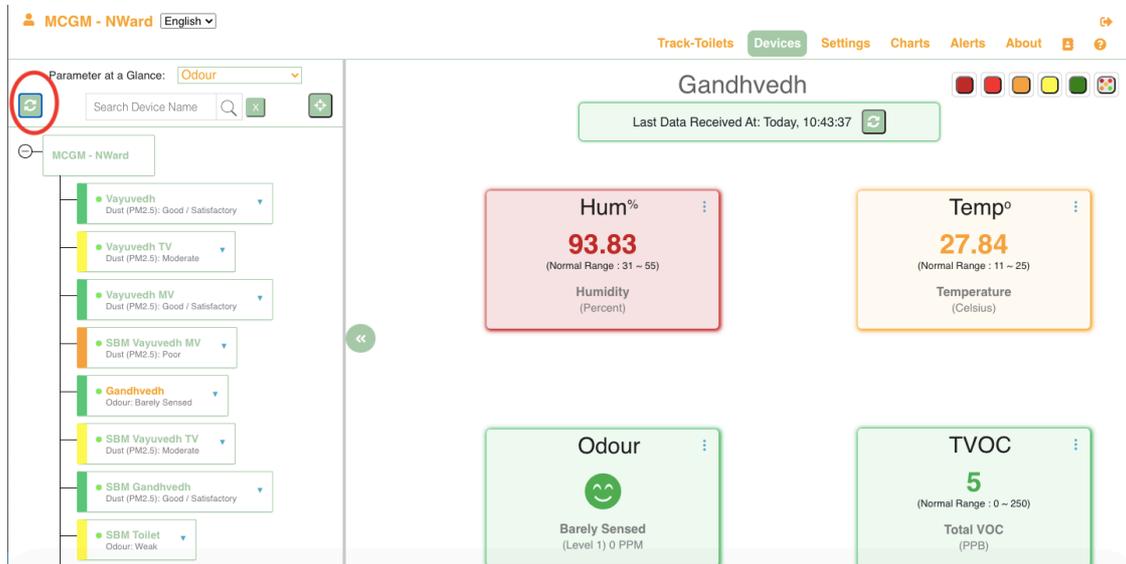
The small text box under search option will appear which indicates the number of results of that particular search name.



Search Option

2.5 Refresh Tree Button

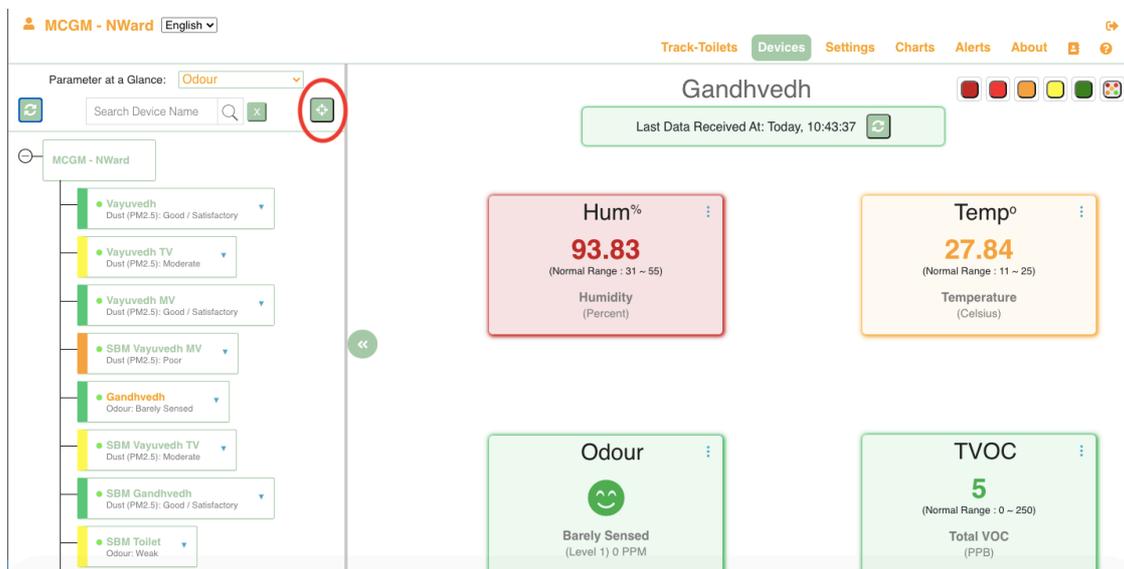
The data is updated every 1 minute in **Device Tree**. If a particular user wants to instantly get data, the user can press **Refresh Tree** button which is circled in the above image. This will fetch data instantly instead of waiting for 1 minute.



Refresh Tree

2.6 Highlight Button

In the below image there is an indicator which is circled, by clicking on the indicator it will scroll down to the particular toilet name user have selected, also it will highlight the toilet name.



Highlight button

2.7 Add User

In the below image, the user can click on the drop down button of any particular device as shown circled in the Device tree, user will see 4 more additional options.

By clicking on 1st option of these 4 options that is **Add User** option, user will get the below window.

Parameter at a Glance: **Odour**

Search Device Name

MCGM - NWARD

- Vayurvedh Dust (PM2.5): Good / Satisfactory
- Vayurvedh TV Dust (PM2.5): Moderate
- Vayurvedh MV Dust (PM2.5): Good / Satisfactory
- SBM Vayurvedh MV Dust (PM2.5): Poor
- Gandhvedh Odour: Barely Sensed
- SBM Vayurvedh TV Dust (PM2.5): Moderate
- SBM Gandhvedh Dust (PM2.5): Good / Satisfactory
- SBM Toilet Odour: Weak

Gandhvedh

Last Data Received At: Today, 10:43:37

Hum% 93.83 (Normal Range : 31 ~ 55) Humidity (Percent)	Temp° 27.84 (Normal Range : 11 ~ 25) Temperature (Celsius)
Odour Barely Sensed (Level 1) 0 PPM	TVOC 5 (Normal Range : 0 ~ 250) Total VOC (PPB)

Parameter at a Glance: **Odour**

Search Device Name

MCGM NWARD

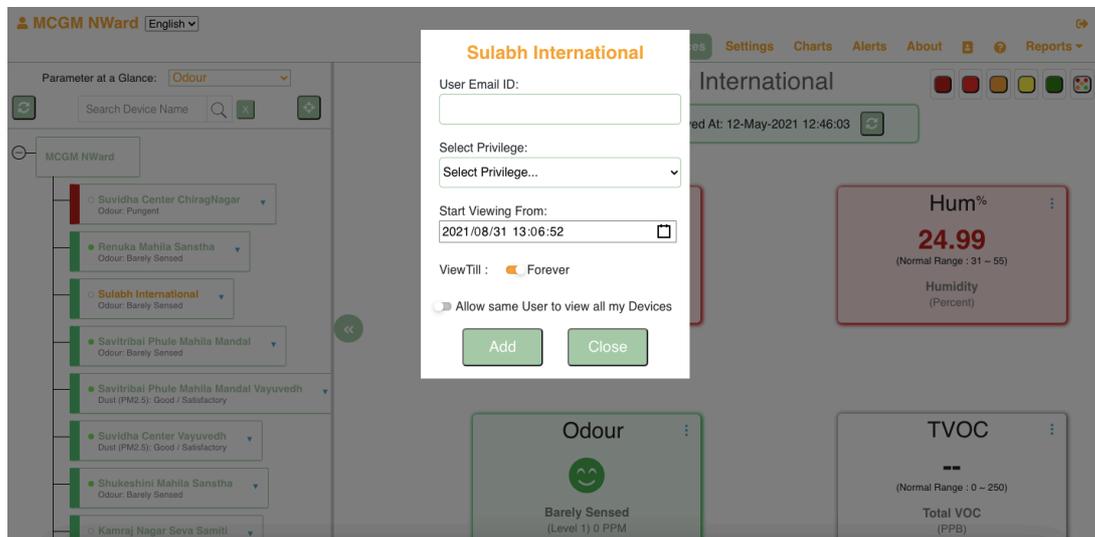
- Suvidha Center ChiragNagar Odour: Pungent
- Renuka Mahila Sanstha Odour: Barely Sensed
- Sulabh International Odour: Barely Sensed
- Savitribai Phule Ma Odour: Barely Sensed
- Savitribai Phule Ma Dust (PM2.5): Good / Sa
- Suvidha Center Vayurvedh Dust (PM2.5): Good / Satisfactory
- Shukeshini Mahila Sanstha Odour: Barely Sensed

Sulabh International

Last Data Received At: 12-May-2021 12:46:03

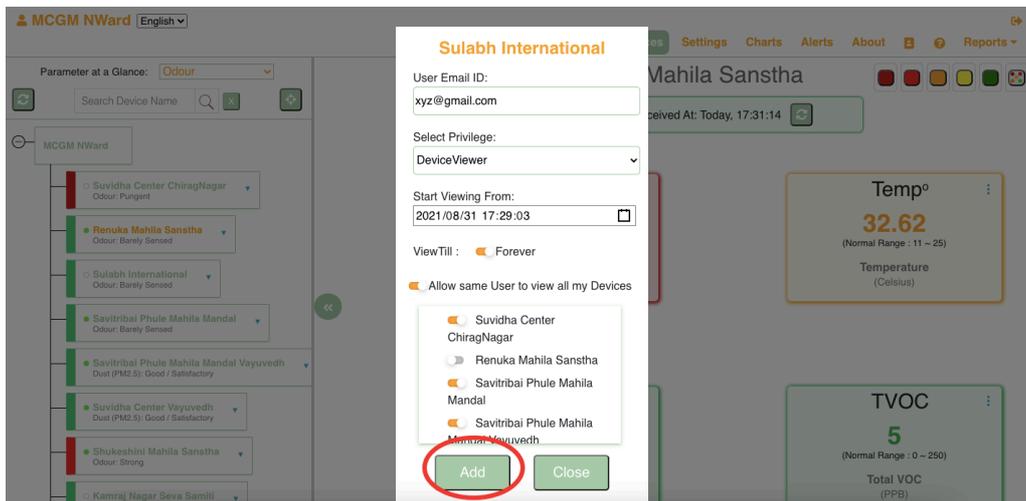
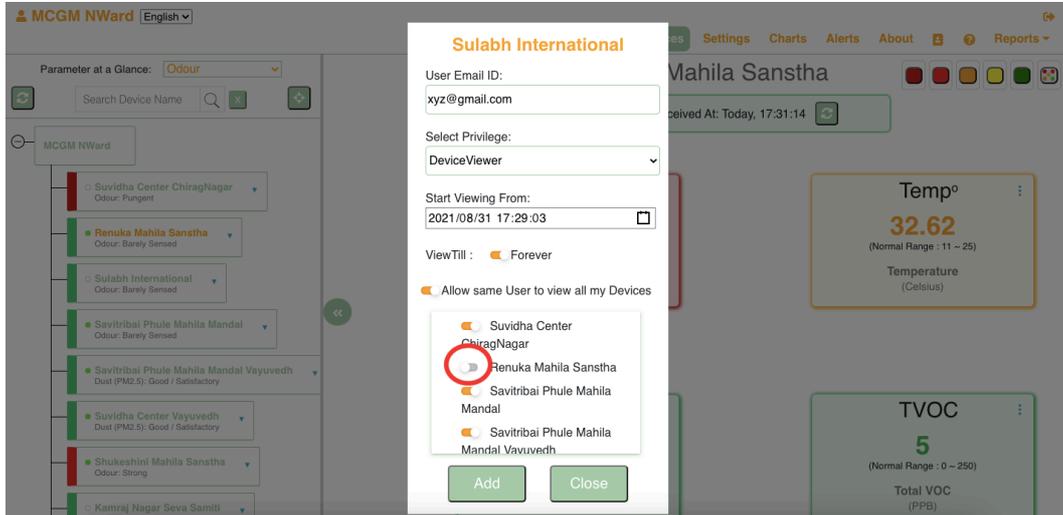
Temp° -11.15 (Normal Range : 11 ~ 25) Temperature (Celsius)	Hum% 24.99 (Normal Range : 31 ~ 55) Humidity (Percent)
Odour Barely Sensed (Level 1) 0 PPM	TVOC -- (Normal Range : 0 ~ 250) Total VOC (PPB)

Add User



In this, user can add any additional user to any device user wants by entering particular user's email id. User can give the new user a particular privilege form **Select Privilege** dropdown option. User can also give that user privilege to start viewing future data from the selected date or time by selecting data and time from **Start Viewing From:** option. There's option of **View till:**, in that user can give the privilege to the new user to view the data forever by selecting **Forever** option. Next, by selecting **Allow same User to view all my devices** option, user can give privilege to the new user to view all the devices and their data.

By selecting **Allow same User to view all my Devices**, user can also allow the new user to view devices and data just for particular devices as given in the below image.

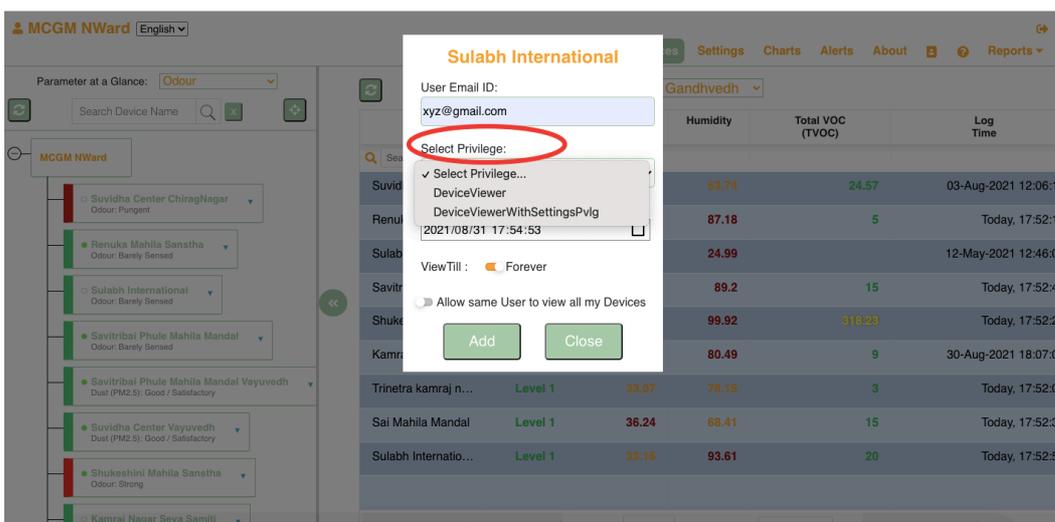


From the given list in above images, user can deselect any devices user wants in order to restrict the new user to view those devices data. After completing this, user need to click on **Add** button. This will save and update user’s inputs as shown above.

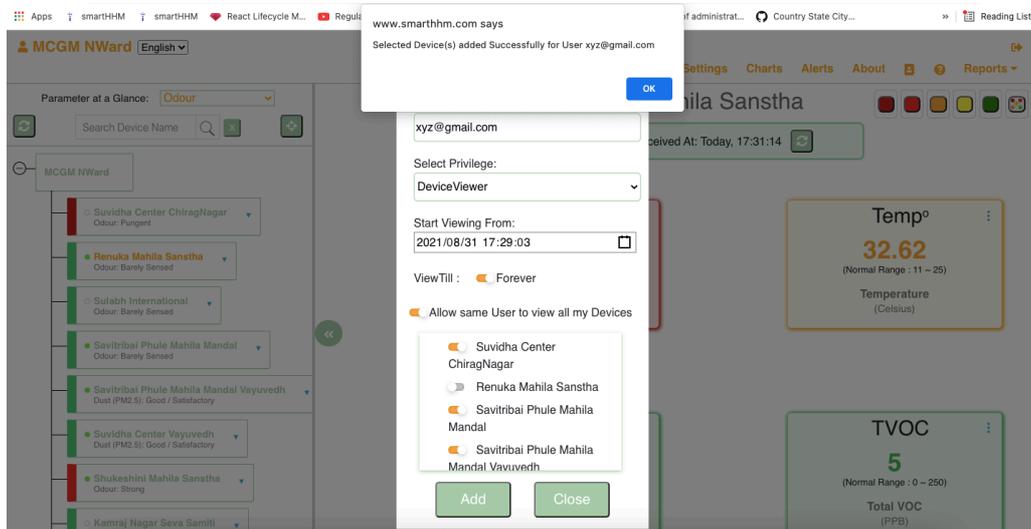
After clicking on **Add** button, the pop up message as given in the below image will be shown that is ‘Selected Device HHM-THREE added successfully for user xyz@gmail.com’. This message indicated that the new user is added to the particular device.

So after adding the new user, the user can log out and login again with the new user email id and see if the user is added to the particular device as shown in the below image.

After logging in with the newly added user, user will see the new user is added to the particular device in the Device Tree as shown in the below image.



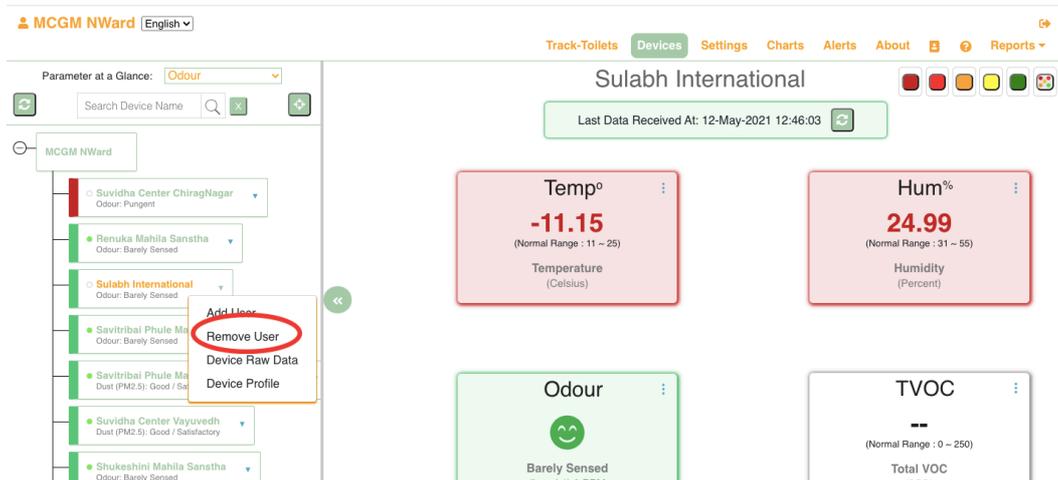
Select Privilege option



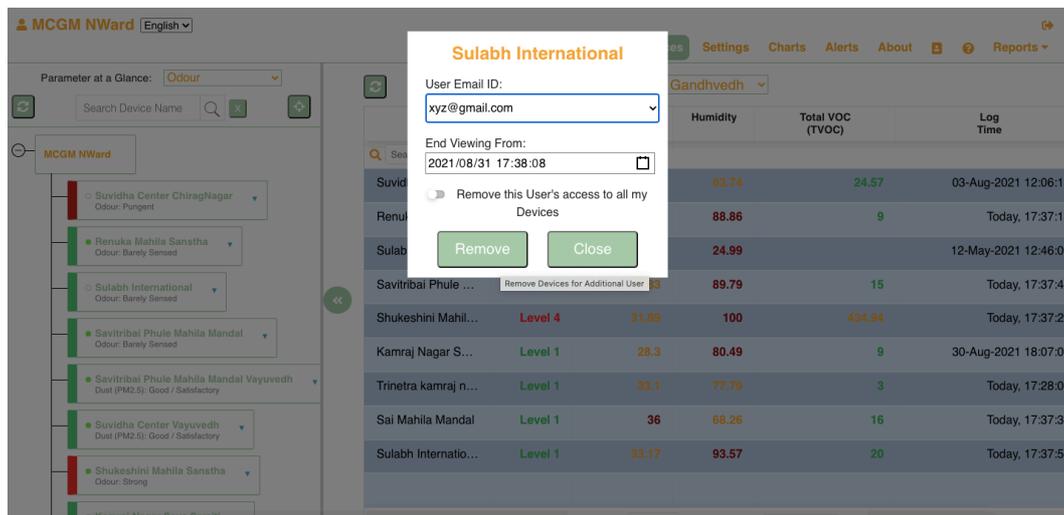
After logging out from the new user account , the user can login back to main device owner account.

2.8 Remove User

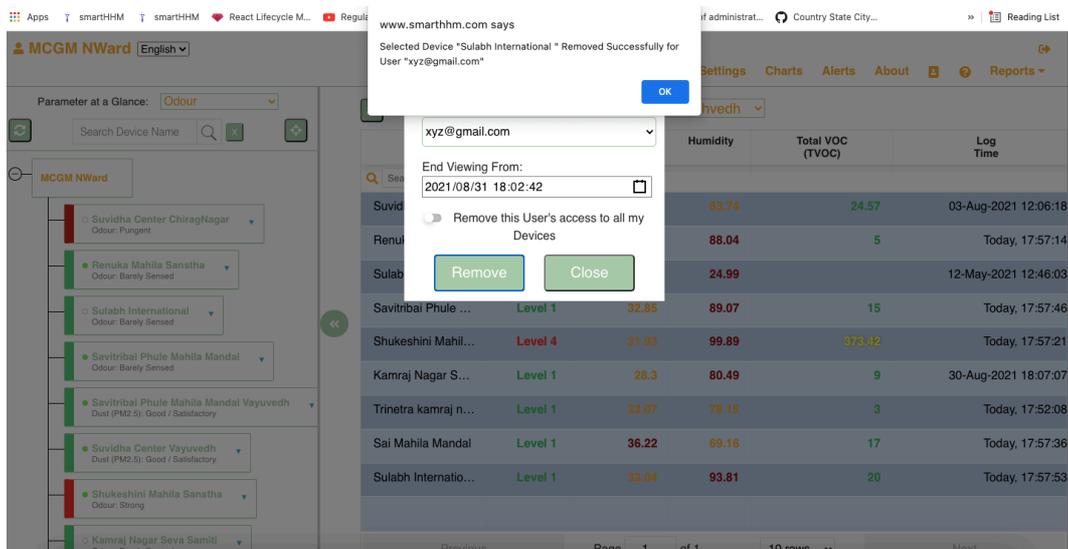
After coming back to owner's account, user can select the 2nd option from the drop down menu, that is **Remove User** as shown in below image.



Remove User



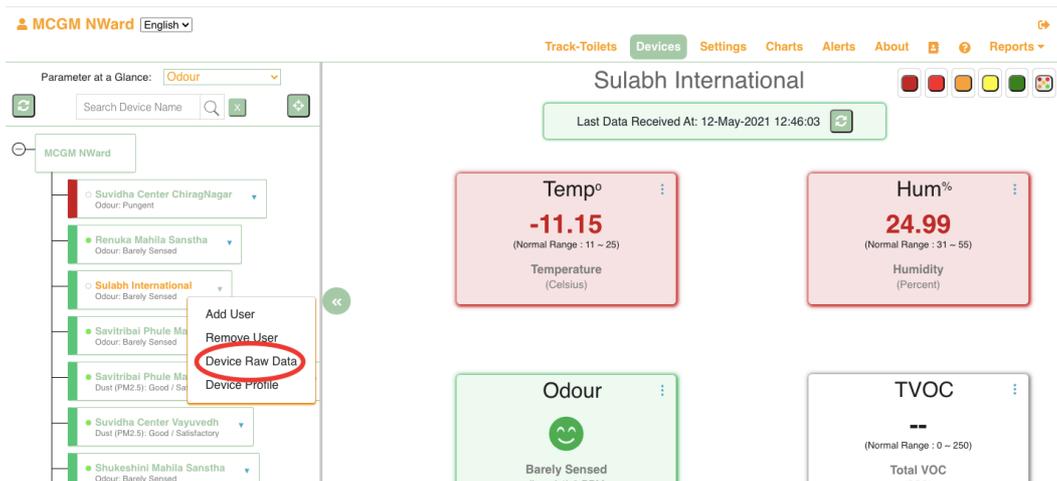
By clicking on the **Remove User** option, user will see this particular window as shown in the above image. Here, user can remove the added user by entering particular email id of that user he wish to remove. Also there is **End Viewing From:** option where user can stop the newly added user to view the future data by entering the date and time. The user won't be able to see the future data from the entered date and time. Next, by selecting **Remove this User's access to all my Device** user can remove newly added user's access from all the devices and by keeping it deselected, user can just remove the access of that particular device.



The user can click on the **Remove** option as shown in the above image. By clicking on the Remove button, the pop message will appear on your screen which reads ‘Selected Device “HHM-THREE” Removed Successfully for User “xyz@gmail.com”’.

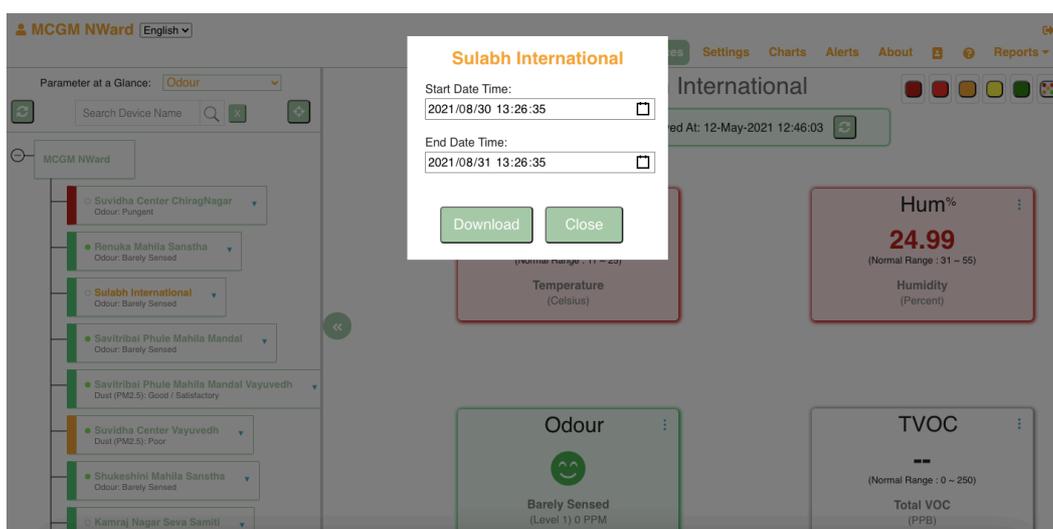
This way the added user can be removed and user won't be able to see any device data. User can again log out and login from the removed user email id to check whether it has been removed or not.

2.9 Device Raw Data



Device Raw Data

User can click on Device Raw Data option from the drop down menu as shown in above image.

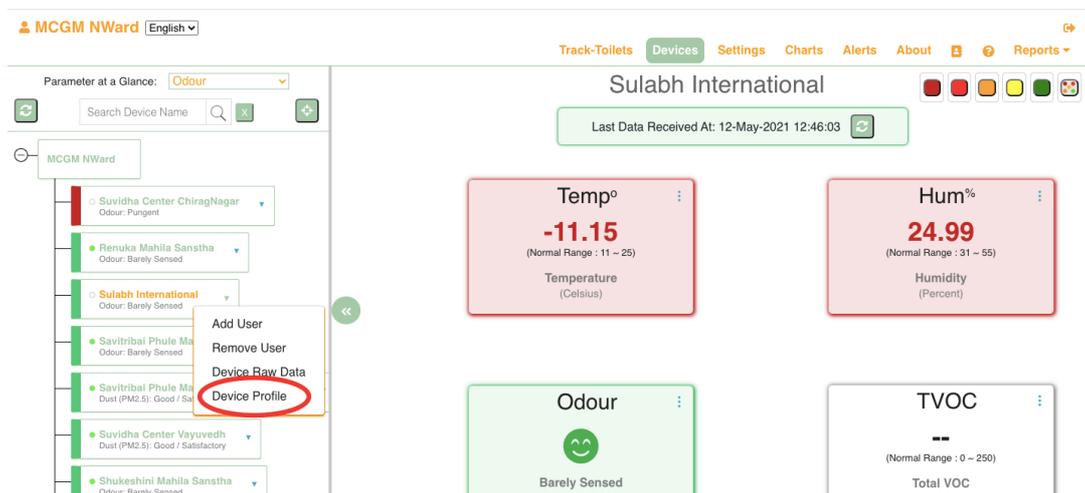


After user clicks on **Device Raw Data**, the window will appear which is shown in the above image. This option gives user raw data of a device between the selected period. So user have an option of **Start Date Time** and **End Date Time** where user needs to enter the start and end date and the data between that particular period will be shown.

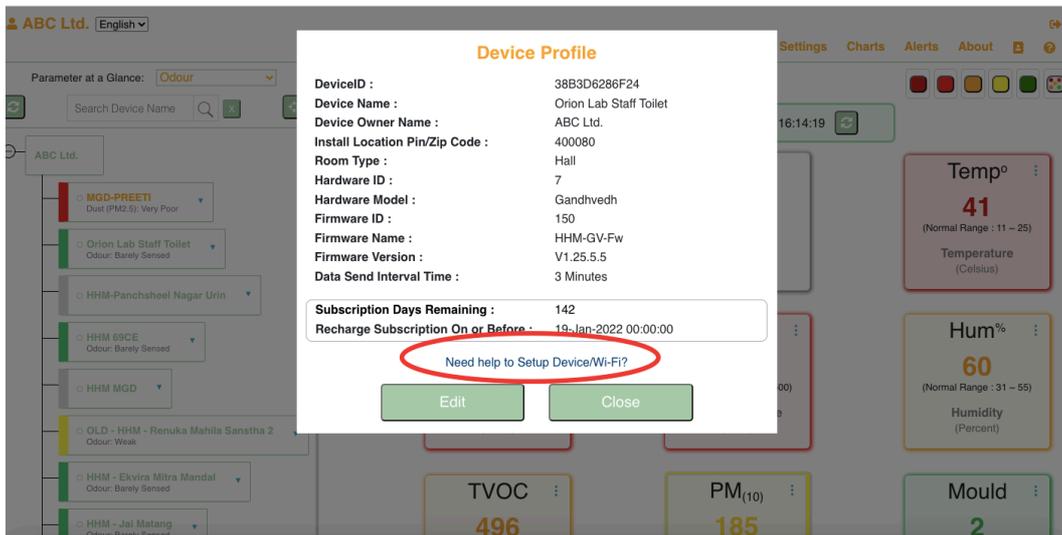
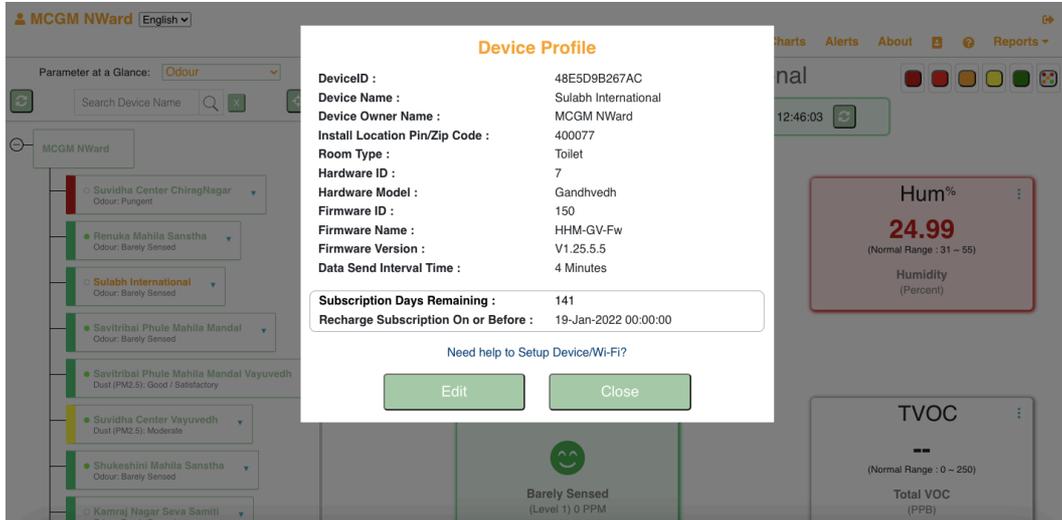
User can download the Device Raw data by clicking on Download option.

2.10 Device Profile

Next option from the drop down menu is the last option that is **Device Profile** which is shown in the below image. User can click on the **Device Profile**, window will open where all the information about the image is mentioned as listed below in the images.

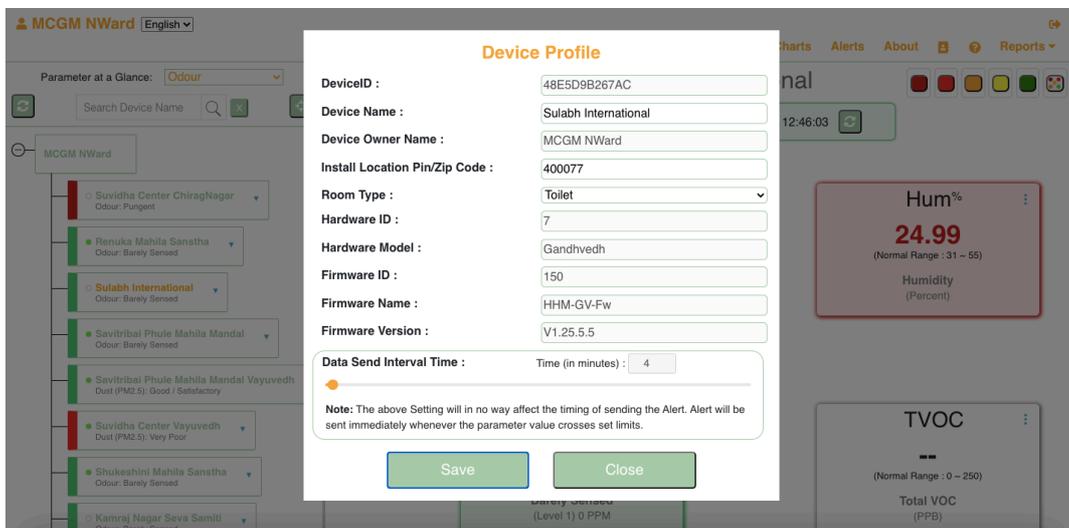


Device Profile



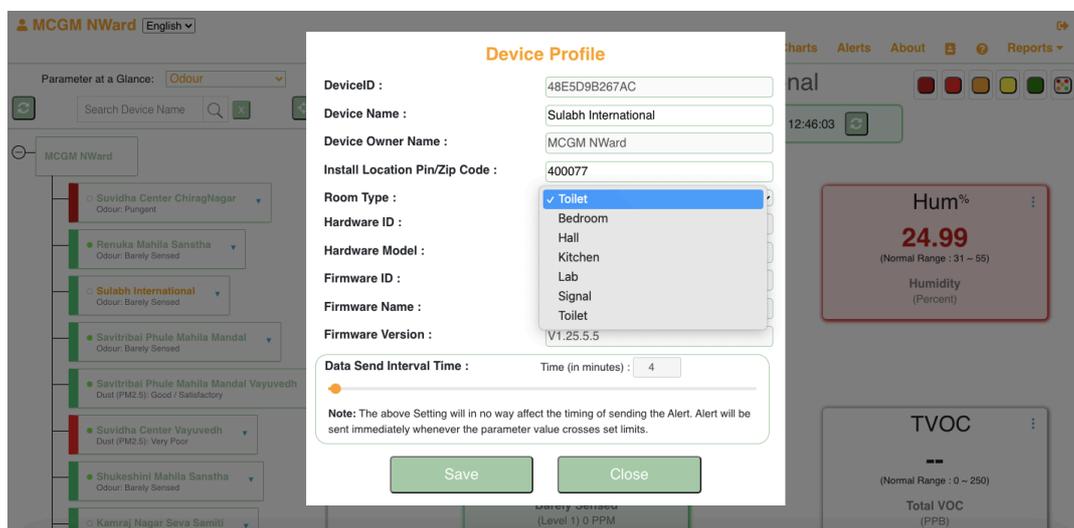
In the above image, down there circled there is an option **Need help to Setup Device Wifi?** From where user can get the steps to setup device wifi. This option is covered later in this Guide.

User can click on **Edit** option and user can edit some of the information listed below about the devices.



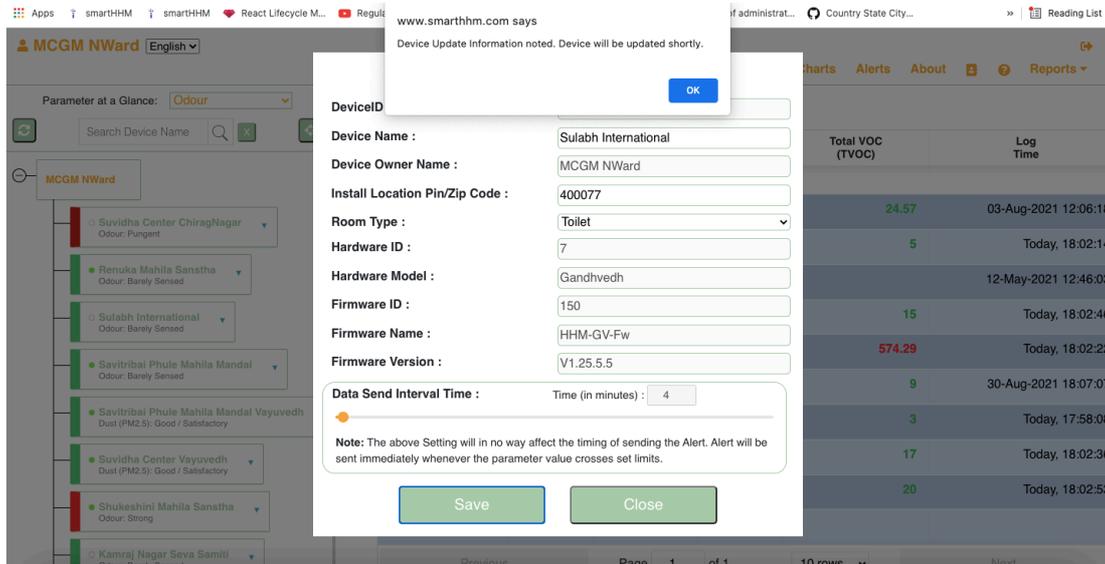
By clicking on Edit option, user can edit some of the information like Device Name, Install Location Pin/Zip Code, and Room Type. Other than this information, other information cannot be edited.

There's a drop down option in Room type as shown in below image. User can select any type from the given list.



Next thing user can edit is **Data Send Interval Time**. This option indicates that user can send the data in the given interval of the time. User can change the interval time according to user's choice. The minimum interval time is 3 min and the maximum interval time is 60 min.

After editing the data, user needs to save the data by clicking on **Save** option from the below image. After saving the data, pop up message will appear. The pop message reads that 'Device Update Information Noted. Device will be updated shortly'.



This finishes the 4 options from the drop down menu of the Device Tree.

3. Navigation Bar

Next, On the right hand side of the web page application user will see nav bar options.

3.1 Track-Toilets

The 1st option from the nav bar menu is **Track-Toilets**, which user have already seen in the Login page chapter.

By clicking on **Track Toilets** from the navigation bar user will see all the same functionalities similar to **Track Odour level of Toilets** option and **Provide Toilet Feedback Rating** option from Login Page chapter.

3.2 Devices

In the **Devices** option from the nav bar, user will see a dropdown list of available devices. User can select any 1 device accordingly. Based on user's selected device, all device data list will appear down there. All device data list indicates that the selected device is present in listed toilet names. This is **Multiple Device Data**.

User can see all the listed parameters of the selected device and their data, that is range and values of a particular device.

MCGM NWARD English

Track-Toilets **Devices** Settings Charts Alerts About Reports

Parameter at a Glance: Odour

Search Device Name

MCGM NWARD

- Suvidha Center ChiragNagar Odour: Pungent
- Renuka Mahila Sanstha Odour: Barely Sensed
- Sulabh Internatio... Odour: Barely Sensed
- Savitribai Phule Mahila Mandal Odour: Barely Sensed
- Savitribai Phule Mahila Mandal Vayurvedh Dust (PM2.5): Good / Satisfactory
- Suvidha Center Vayurvedh Dust (PM2.5): Very Poor
- Shukeshini Mahila Sanstha Odour: Barely Sensed
- Kamraj Nagar Seva Samitti Odour: Barely Sensed

Device Name	Odour	Temperature	Humidity	Total VOC (TVOC)	Log Time
Suvidha Center ...	Level 5	32.16	63.74	24.57	03-Aug-2021 12:06:18
Renuka Mahila ...	Level 1	30.19	96.74	38	Today, 13:53:08
Sulabh Internatio...	Level 1	-11.15	24.99		12-May-2021 12:46:03
Savitribai Phule ...	Level 1	32.5	85.58	21	Today, 13:52:46
Shukeshini Mahil...	Level 1	31.77	95.53	20	Today, 13:53:14
Kamraj Nagar S...	Level 1	28.3	80.49	9	30-Aug-2021 18:07:07
Trinetra kamraj n...	Level 1	29.68	85.63	37	Today, 13:43:08
Sai Mahila Mandal	Level 1	35.99	68.93	16.53	Today, 13:52:35
Sulabh Internatio...	Level 1	32.98	94.72	20	Today, 13:52:50

Previous Page 1 of 1 10 rows Next

MCGM NWARD English

Track-Toilets **Devices** Settings Charts Alerts About Reports

Parameter at a Glance: Odour

Search Device Name

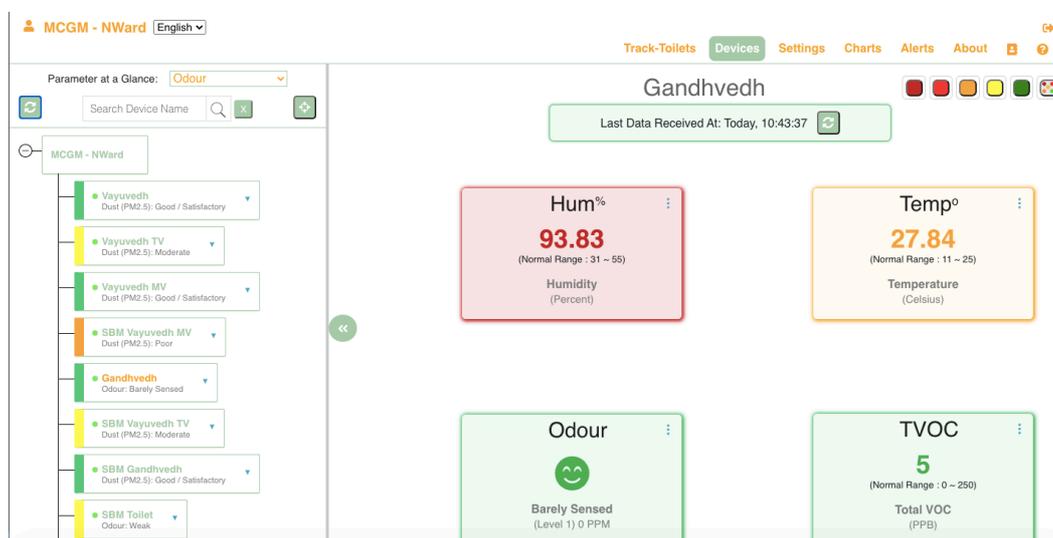
MCGM NWARD

- Suvidha Center ChiragNagar Odour: Pungent
- Renuka Mahila Sanstha Odour: Barely Sensed
- Sulabh Internatio... Odour: Barely Sensed
- Savitribai Phule Mahila Mandal Odour: Barely Sensed
- Savitribai Phule Mahila Mandal Vayurvedh Dust (PM2.5): Good / Satisfactory
- Suvidha Center Vayurvedh Dust (PM2.5): Very Poor
- Shukeshini Mahila Sanstha Odour: Barely Sensed
- Kamraj Nagar Seva Samitti Odour: Barely Sensed

Device Name	Odour	Temperature	Humidity	Total VOC (TVOC)	Log Time
Suvidha Center ...	Level 5	32.16	63.74	24.57	03-Aug-2021 12:06:18
Renuka Mahila ...	Level 1	30.19	96.74	38	Today, 13:53:08
Sulabh Internatio...	Level 1	-11.15	24.99		12-May-2021 12:46:03
Savitribai Phule ...	Level 1	32.5	85.58	21	Today, 13:52:46
Shukeshini Mahil...	Level 1	31.77	95.53	20	Today, 13:53:14
Kamraj Nagar S...	Level 1	28.3	80.49	9	30-Aug-2021 18:07:07
Trinetra kamraj n...	Level 1	29.68	85.63	37	Today, 13:43:08
Sai Mahila Mandal	Level 1	35.99	68.93	16.53	Today, 13:52:35
Sulabh Internatio...	Level 1	32.98	94.72	20	Today, 13:52:50

Previous Page 1 of 1 10 rows Next

Click on any one to fetch single device data

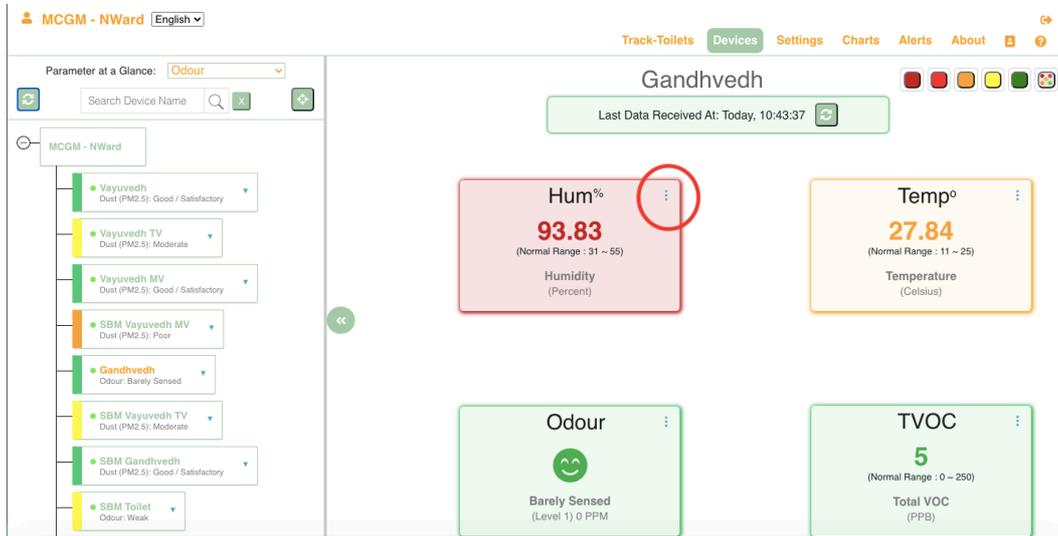


Single Device Data

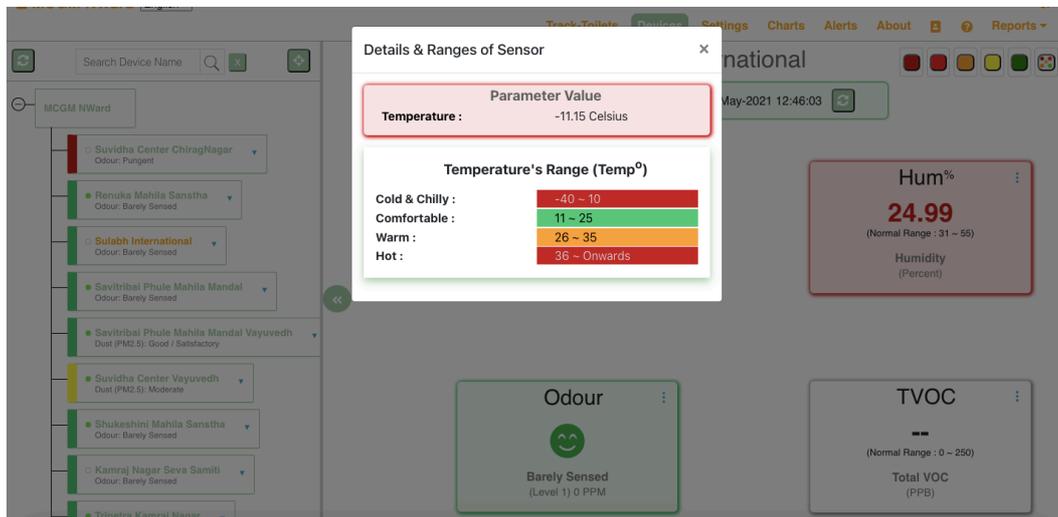
In order to view single device data, user can either click on device tree or from the device data list. User can click on any 1 device user wants in order to view **Single Device Data**.

After clicking on any device from device tree, single device data will fetch. The data includes name of the device, at the top. Below that, when the last data is received is mentioned with date and time. Also it contains all the parameter under that device and each parameter has its value, range and unit.

If any user wants more information about Ranges of parameters, a user can click on the three dots which are circled in the below image.



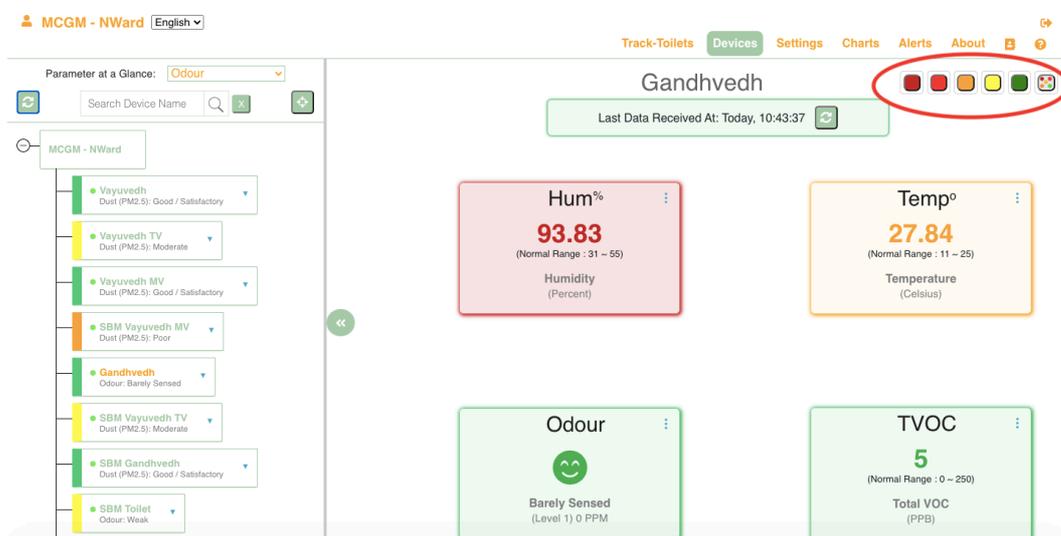
Details and Ranges



Details and Ranges of Sensor

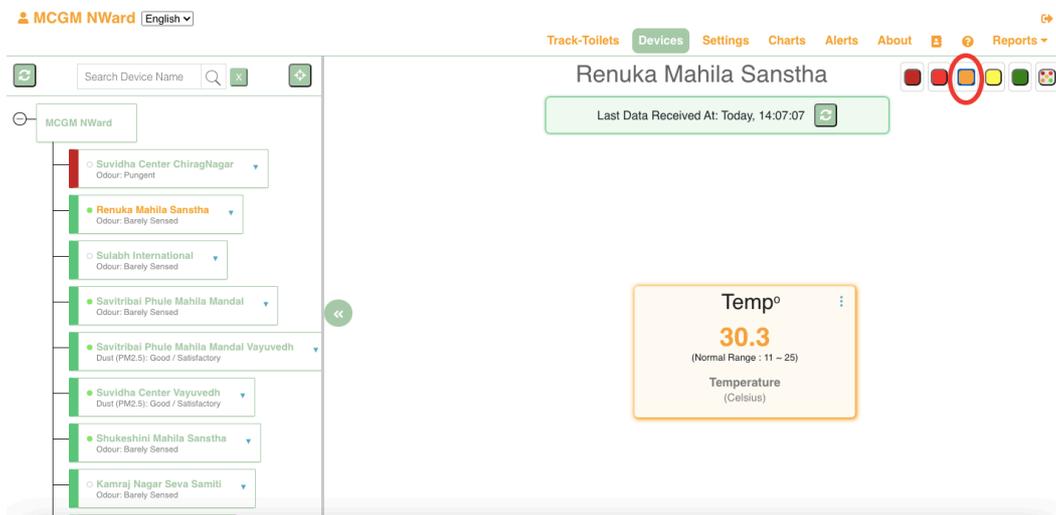
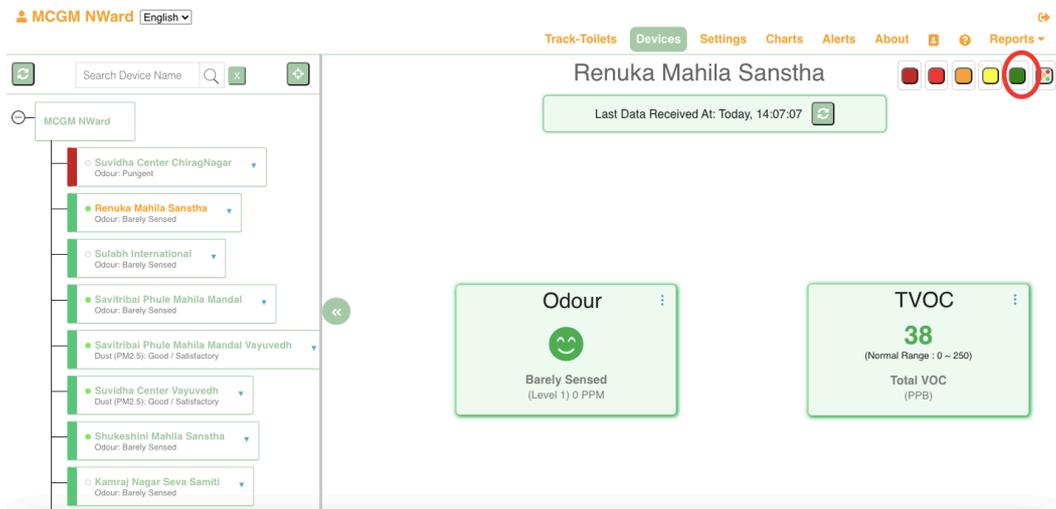
Those 3 dots shown above in the image contains more information about ranges which user can see.

In single device data, user will see these various buttons which are circled in the below image. These buttons indicate the ranges and it will show the available parameters of devices.



In the below image, when user clicks on green colour button, user will see the parameters falling under that range i.e green colour range. The parameters falling under green colour range are odour and humidity.

In the below image, if user clicks on orange colour button, user will see all the parameters falling under that range. The parameter falling under orange colour range is temperature.

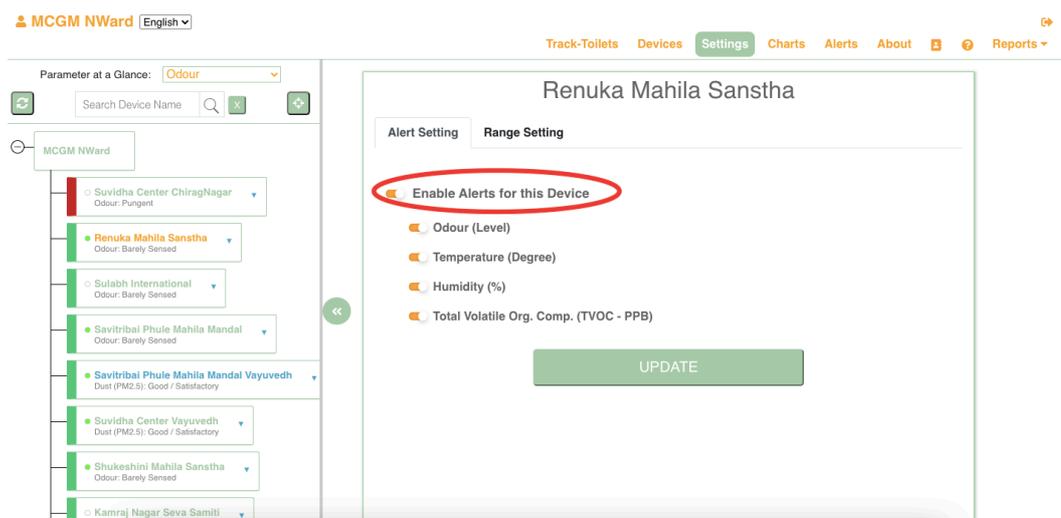


So in this way, user can see **Single device data** as well as **Multiple Device Data**

Next in the navigation bar, user will see many options like Settings , Charts, Alerts etc.

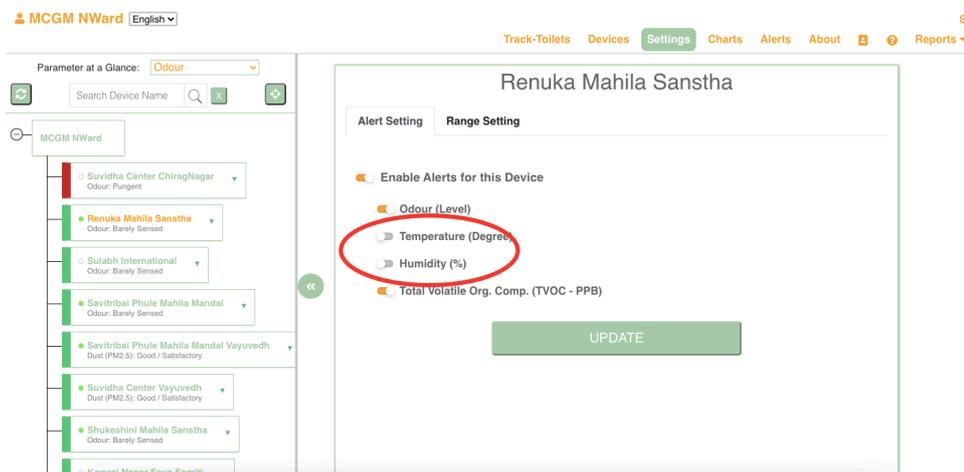
Now user will see **Settings** option in detail

3.3 Settings



Alerts Settings

By clicking on the **Settings** option, user will see **Alert Settings** and **Range Settings**. In Alert Settings, user can enable Alerts for the devices. User can also enable alerts for all the parameters by selecting on **Enable Alerts for this Device** and user can enable alerts individually for the only parameters user wants. For that, user needs to deselect the parameters for which user don't want alerts and select the parameters user wants alerts for and click on update as shown in above image.



In **Settings**, by clicking on **Range Settings** option user can set the ranges of the parameter accordingly as shown in the below image.

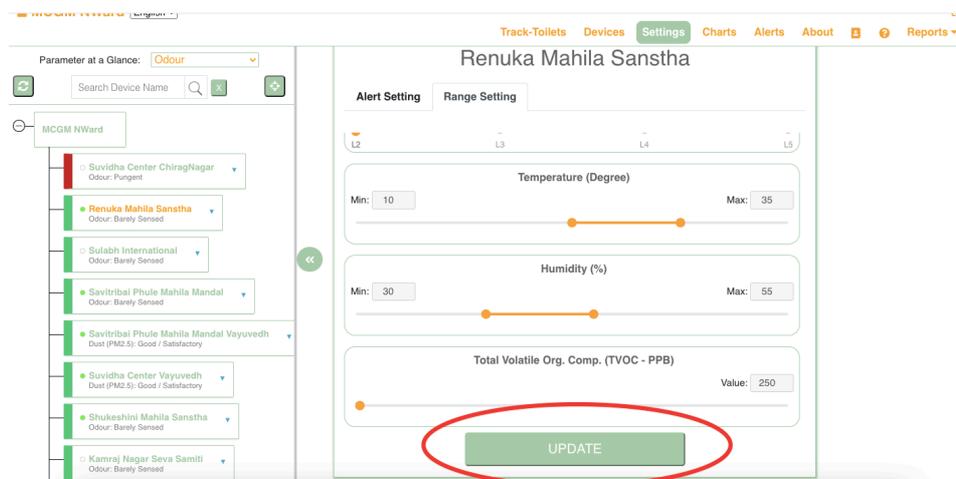
Here in the below image, the min value is 10 and the max value is 35, so if the parameter value goes below 10 and goes above 35 then only user will receive alerts for that particular parameter. Also user can change the range manually according to user's choice for all the parameters.

The screenshot displays the 'Range Setting' configuration for the 'Renuka Mahila Sanstha' device. The interface is divided into a sidebar and a main content area. The sidebar shows a tree view of devices under 'MCGM N Ward', with 'Renuka Mahila Sanstha' selected. The main content area has two tabs: 'Alert Setting' and 'Range Setting'. The 'Range Setting' tab is active, showing sliders for four parameters: Odour (Level), Temperature (Degree), Humidity (%), and Total Volatile Org. Comp. (TVOC - PPB). The Odour slider is set to Level 2, with a note that an alert will be sent when the value is at Level 2 (Weak Odour). The Temperature slider has a minimum of 10 and a maximum of 35. The Humidity slider has a minimum of 30 and a maximum of 55. The TVOC - PPB slider is currently empty.

Range Settings

This screenshot is identical to the one above, showing the 'Range Setting' configuration for 'Renuka Mahila Sanstha'. A red circle highlights the 'Temperature (Degree)' slider, which is currently set between 10 and 35. The other sliders for Odour (Level), Humidity (%), and Total Volatile Org. Comp. (TVOC - PPB) are also visible.

By sliding the orange line as circled in the above image, the user can set user's own range for the parameters and then click on the update button as shown below. This will save and update all the changes user made.

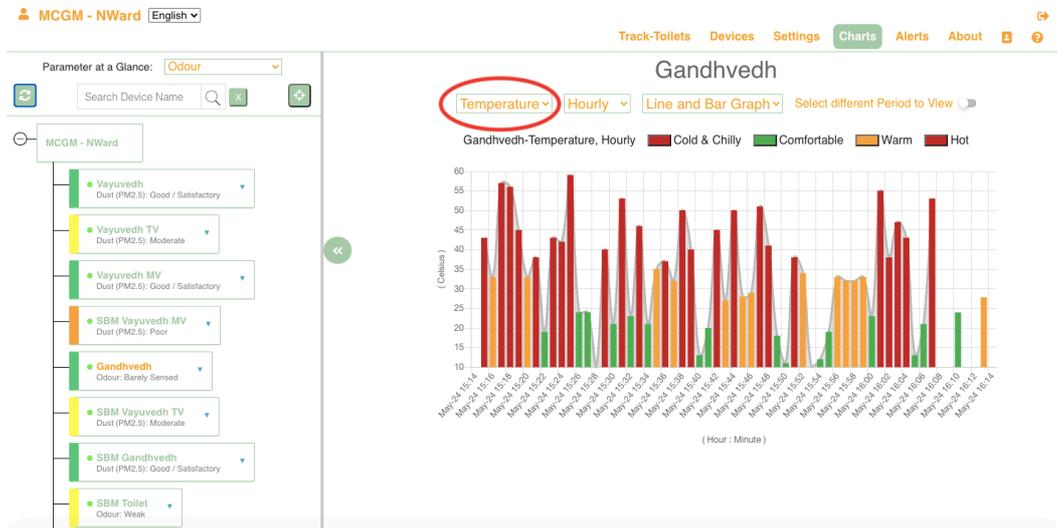


After completing the **Setting** option from the navigation bar, user will see **Charts**.

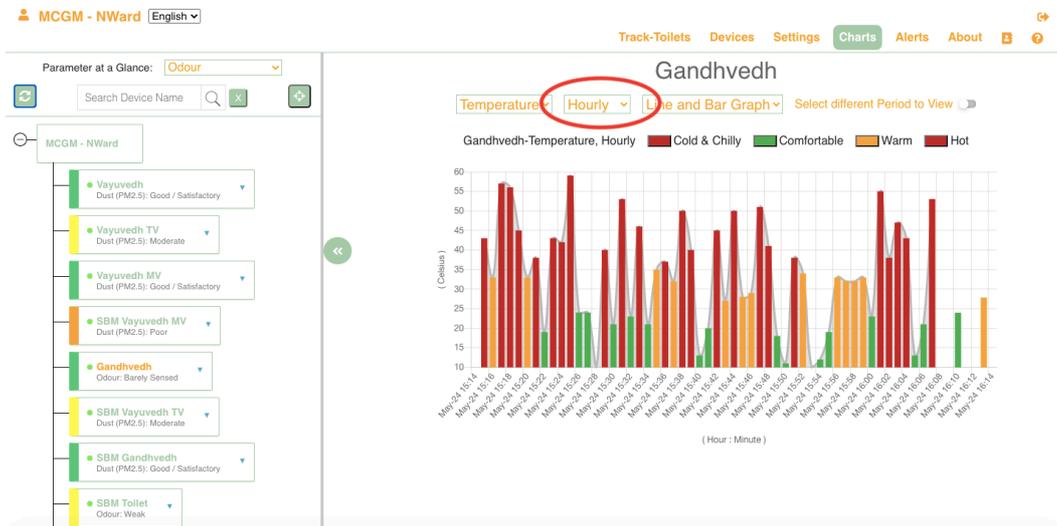
3.4 Charts

In the **Charts** section, user will see 3 drop down buttons.

1st drop down button is of **Parameters**. It contains all parameters under the selected device.

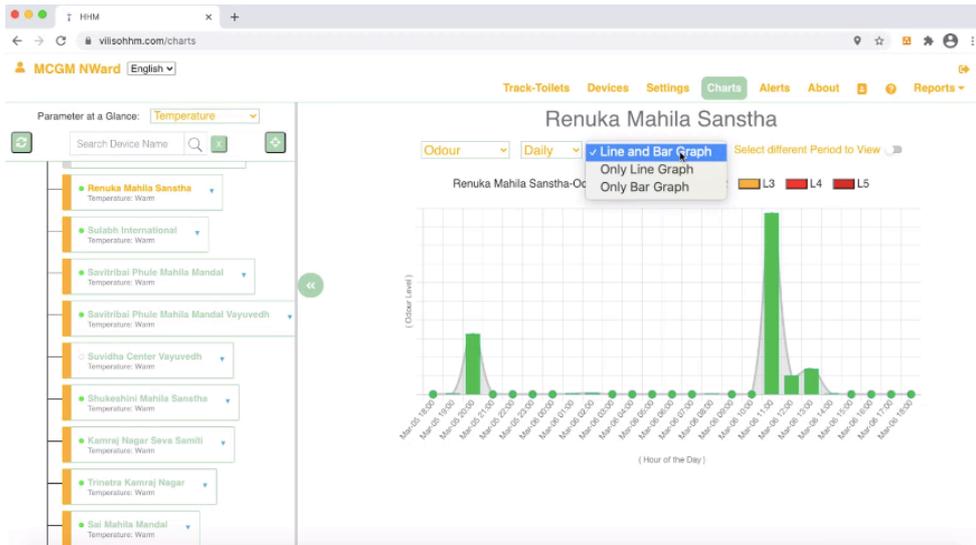


Parameter drop down

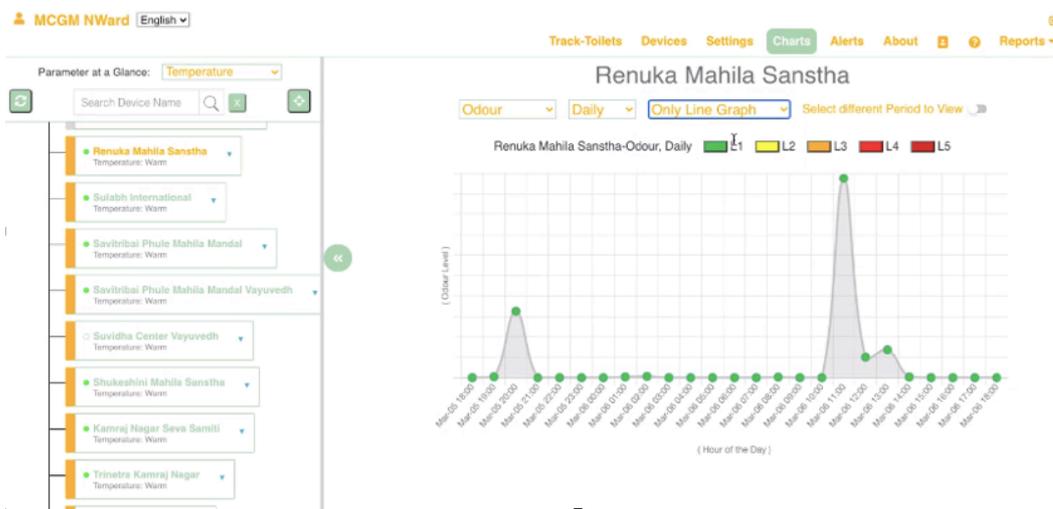


Period selection drop down

Shown above there's 2nd drop down button i.e **Period Selection**. User can select any period from the drop down list user wants to view. This will fetch the data accordingly. If user selects Hourly option from the drop down, user will be able to see Hourly data of selected device.



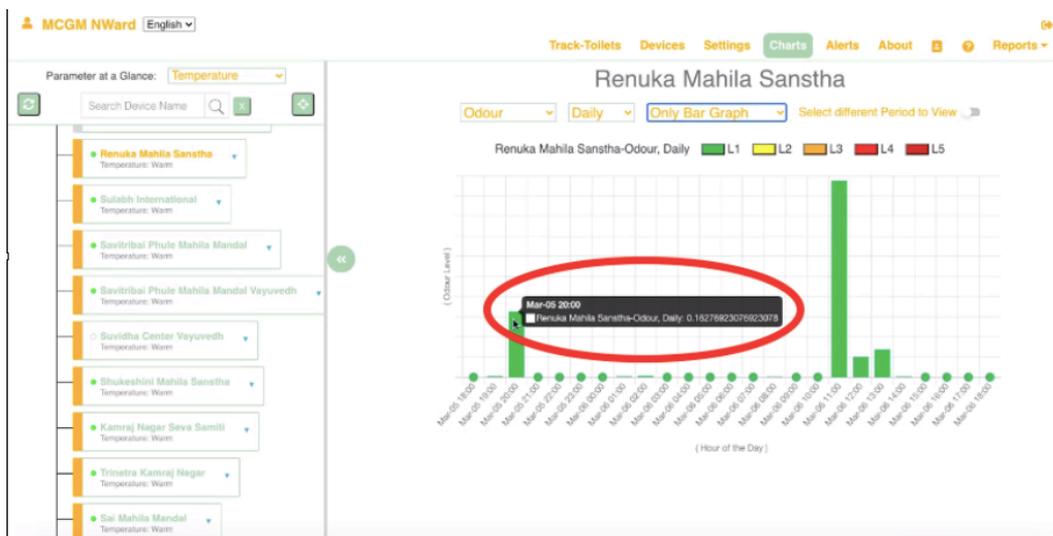
Graph drop down- Line and Bar graph



Only Line Graph

From the above images, if user selects line and bar graph, user will get the statistics data in form of line as well as bar. In this graph, x axis has odour level and y axis has hour of day that is date and time.

In only line graph, user will see data in the form of lines.

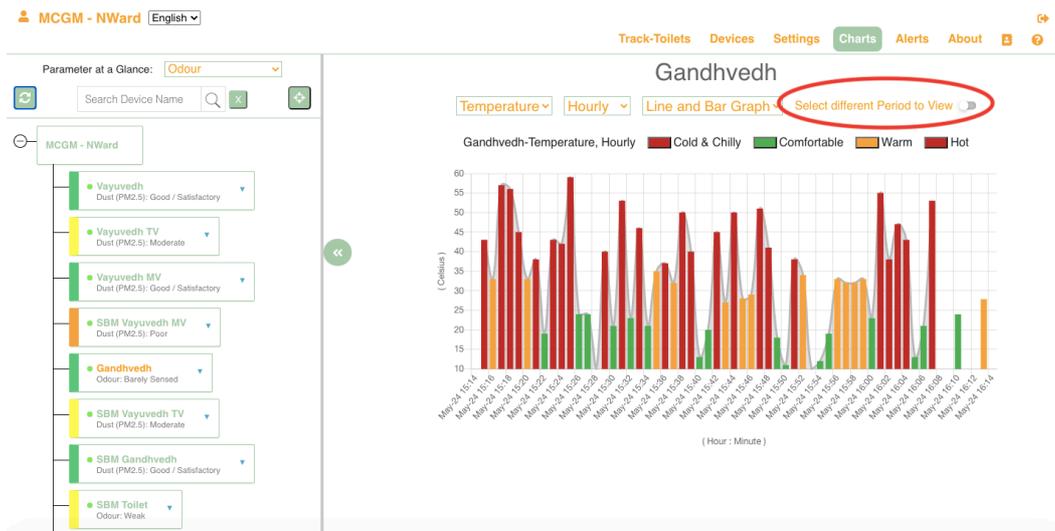


Only Bar graph

In only bar graph, user can see data in the form of bars. When the user hover over the bar as circled in the above image, user will also see some extra information regarding data, i.e. date, time, name of the device, period, parameter and value.

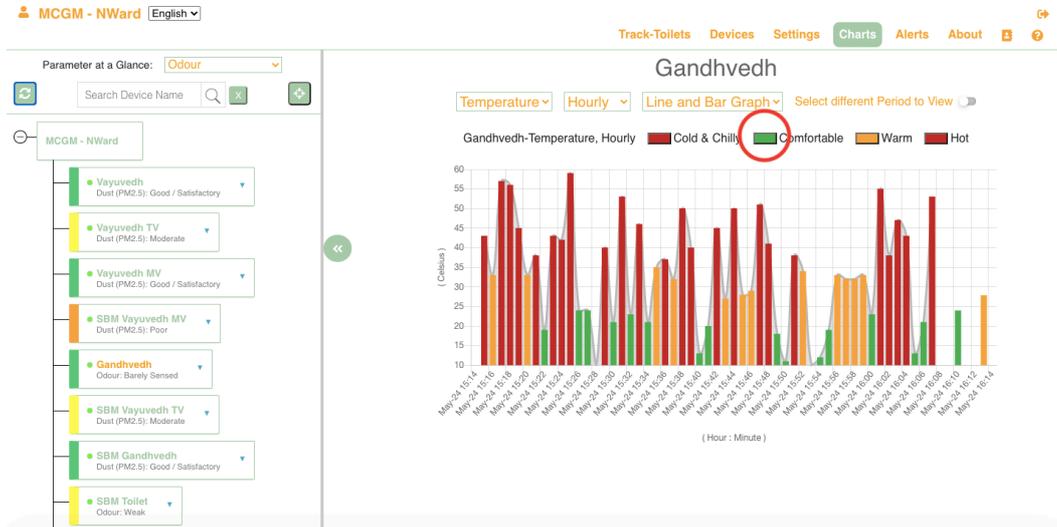
In the below image, user will see **Select different Period to View** option. By selecting that option, user will be able to see data between certain dates. There's an option for entering start and end date, by selecting start and end date user can see particular data between that particular dates.

For example, if user select 2 feb 2021 as start date and 6 feb 2021 as an end date, user will see data of 4 days.

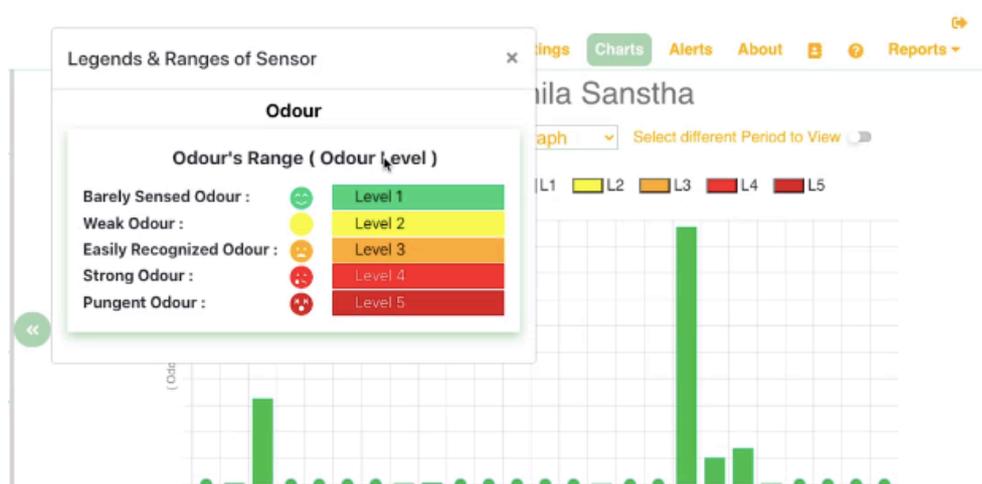


Select different Period to View

In the below image, the circled part is **Legends** which are from L1 to L5, **Legends** indicate the odour level and ranges of sensor. By clicking on **Legends**, user will get some extra information regarding ranges of each level which user can see in the below image.



Legends

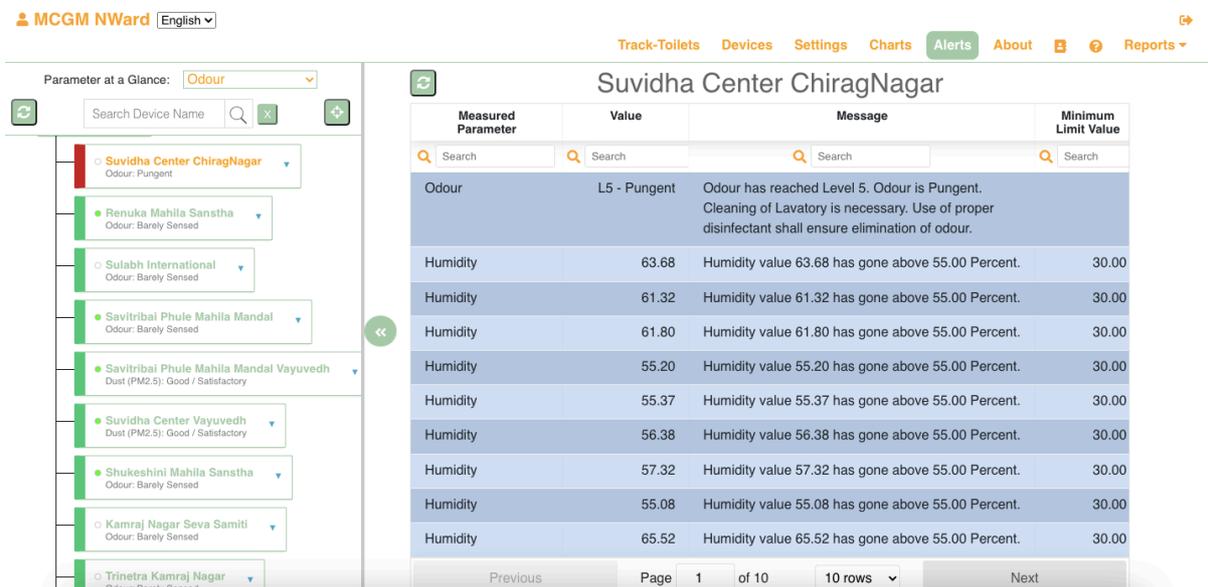


Legends & Ranges of Sensors

So this completes **Charts** section. Next user will see **Alerts** section from the nav bar.

3.5 Alerts

In the **Alerts** section, user get parameter alerts and their value, the message regarding parameter and their value, Minimum Limit Value, Maximum Limit Value, Device Alert Time and day.



The screenshot shows the 'Alerts' section of the VILISO web application. The top navigation bar includes 'Track-Toilets', 'Devices', 'Settings', 'Charts', 'Alerts', 'About', and 'Reports'. The user is logged in as 'MCGM N Ward' and the language is set to 'English'. The main content area is titled 'Suvidha Center ChiragNagar'. On the left, there is a sidebar with a search bar and a list of devices. The 'Parameter at a Glance' is set to 'Odour'. The main table displays the following data:

Measured Parameter	Value	Message	Minimum Limit Value
Odour	L5 - Pungent	Odour has reached Level 5. Odour is Pungent. Cleaning of Lavatory is necessary. Use of proper disinfectant shall ensure elimination of odour.	
Humidity	63.68	Humidity value 63.68 has gone above 55.00 Percent.	30.00
Humidity	61.32	Humidity value 61.32 has gone above 55.00 Percent.	30.00
Humidity	61.80	Humidity value 61.80 has gone above 55.00 Percent.	30.00
Humidity	55.20	Humidity value 55.20 has gone above 55.00 Percent.	30.00
Humidity	55.37	Humidity value 55.37 has gone above 55.00 Percent.	30.00
Humidity	56.38	Humidity value 56.38 has gone above 55.00 Percent.	30.00
Humidity	57.32	Humidity value 57.32 has gone above 55.00 Percent.	30.00
Humidity	55.08	Humidity value 55.08 has gone above 55.00 Percent.	30.00
Humidity	65.52	Humidity value 65.52 has gone above 55.00 Percent.	30.00

The table also includes a pagination bar at the bottom showing 'Page 1 of 10' and '10 rows'.

Alert Section

MCGM NWARD English

Track-Toilets Devices Settings Charts Alerts About Reports

Parameter at a Glance: Odour

Search Device Name

- Suvidha Center ChiragNagar
Odour: Pungent
- Renuka Mahila Sanstha
Odour: Barely Sensed
- Sulabh International
Odour: Barely Sensed
- Savitribai Phule Mahila Mandal
Odour: Barely Sensed
- Savitribai Phule Mahila Mandal Vayurvedh
Dust (PM2.5): Good / Satisfactory
- Suvidha Center Vayurvedh
Dust (PM2.5): Good / Satisfactory
- Shukeshini Mahila Sanstha
Odour: Barely Sensed
- Kamraj Nagar Seva Samiti
Odour: Barely Sensed
- Trinetra Kamraj Nagar
Dust (PM2.5): Good / Satisfactory

Suvidha Center ChiragNagar

Message	Minimum Limit Value	Maximum Limit Value	Device Alert Time
Search	Search	Search	Search
... has reached Level 5. Odour is Pungent. ... ing of Lavatory is necessary. Use of proper ctant shall ensure elimination of odour.		Level 3	03-Aug-2021 12:06:18
... tity value 63.68 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 12:01:19
... tity value 61.32 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 11:46:19
... tity value 61.80 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 11:31:19
... tity value 55.20 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 11:16:18
... tity value 55.37 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 10:58:18
... tity value 56.38 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 10:40:38
... tity value 57.32 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 10:25:38
... tity value 55.08 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 10:10:37
... tity value 65.52 has gone above 55.00 Percent.	30.00	55.00	03-Aug-2021 09:42:01

Previous Page 1 of 10 10 rows Next

3.6 Contact Us

By clicking on **Contact us**, user will see the below page where there is Contact and Support Form. In Contact, user will see Email, and both the Addresses.

In Support Form, user can type his respective information and type any query or message user wants and click on the submit button.

MCGM NWARD English

Track-Toilets Devices Settings Charts Alerts About 📄 🔔 Reports

Contact

Email
contact@viliso.in

Address-India
418, Chhotalal Bhuvan, 2nd Flr, Office No 52,
Opp Metro Cycle Co, Kalbadevi Rd, Mumbai
400002.

Address-Indonesia
Jl. Sunter Karya 4, Block G, No 24, Jakarta
Utara, Jakarta, Indonesia.

Support Form

Email:

Name:

Contact No:

Message:

Contact us section

3.7 FAQs

In the FAQs section, there are frequently asked questions and their answers which will mostly solve users' doubts regarding Devices or Network, or Parameters etc.

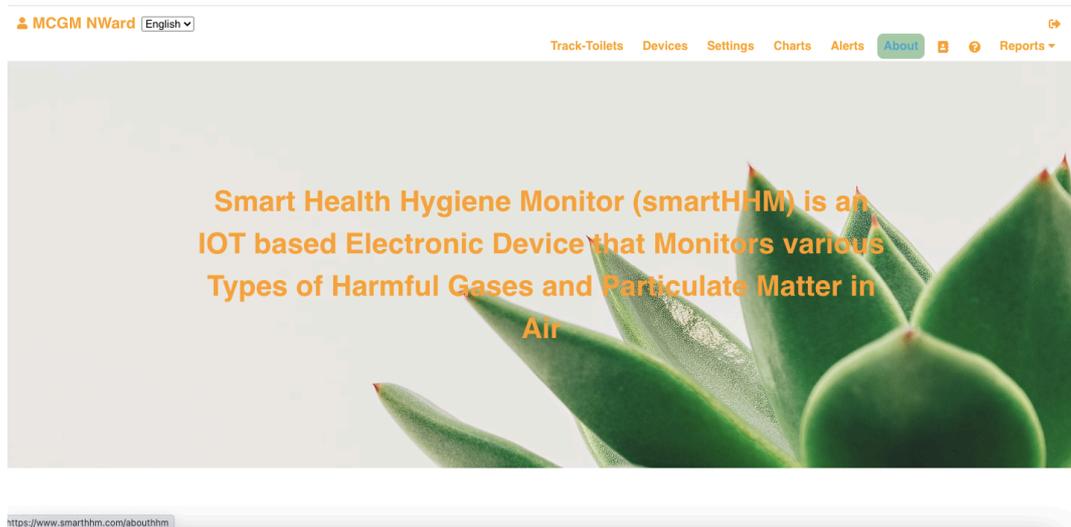
Next, user will see **Reports** from the navigation bar.

- 1. How to set up / configure my device?
- 2. Can I use two different email IDs to login and configure one device?
- 3. Can one owner have multiple devices?
- 4. Why do I need to wait before I start getting perfect readings immediately after switching on the device?
- 5. What should I do if I need to change my Wi-Fi network?
- 6. How much area does one device cover?
- 7. Can I use this device for outdoor conditions?

FAQs section

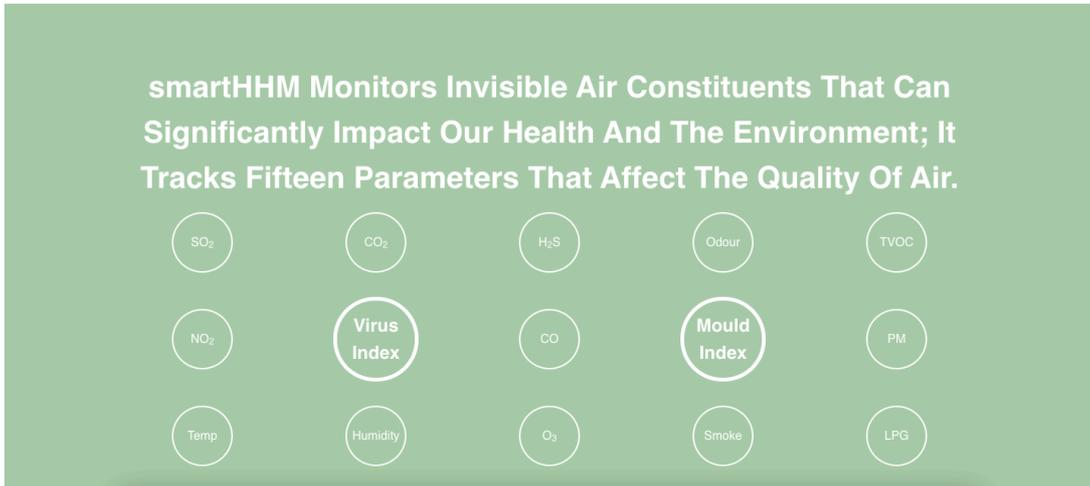
- 10. How can I enable alerts for the device? Can I customize the alert range?
- 11. Can I share the device information with my family or friends?
- 12. Can I view the history of the measurements taken by the device?
Yes. Visit "Charts" section to view the device history. Options of hourly, daily, weekly or monthly data display is available. You can select the parameter for which you wish to view the records. Parameters recorded by the device is visible in graphical format. Viliso system stores maximum one month's data. Data beyond one month is available to select users who have taken monthly/yearly subscription plan.
- 13. Can I download the recorded data?
- 14. What is Virus Risk Index?
- 15. What is Mould Risk Index?

3.9 About



About Us section

In the **About** section above, user will get information about **Viliso** products and also some more information about Parameters and how those Parameters impact our devices as shown in the below image.



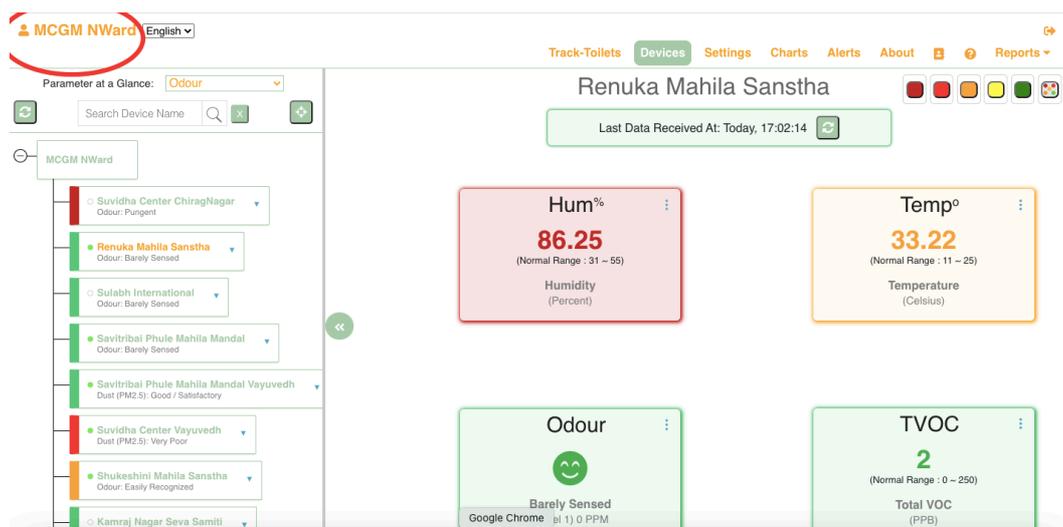
Here, About section from the navigation bar is completed and with that all the options from the navigation bar are completed.

4. Additional Features

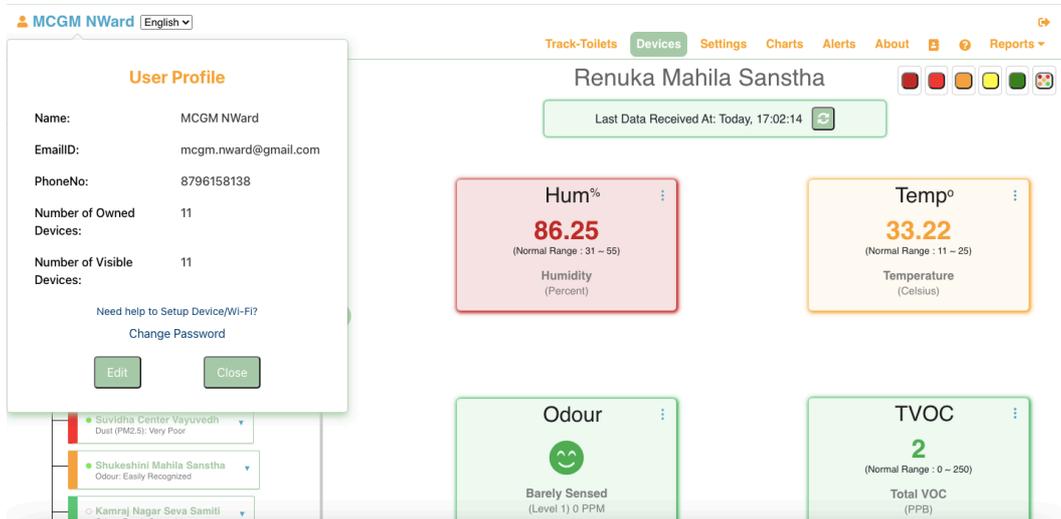
4.1 User Profile

Now let's see some additional options in this Web Application.

Let's see the **User Profile** option which is at extreme top left of the Web Application page and just above Device tree, as shown below circled in the image.



User Profile Option



The screenshot displays the VILISO web application interface. At the top, the user is logged in as 'MCGM NWARD' with a language dropdown set to 'English'. The main navigation menu includes 'Track-Toilets', 'Devices', 'Settings', 'Charts', 'Alerts', 'About', and 'Reports'. The user's name 'Renuka Mahila Sanstha' is displayed, along with a 'Last Data Received At: Today, 17:02:14' timestamp.

A 'User Profile' modal window is open on the left, showing the following details:

- Name: MCGM NWARD
- EmailID: mcgm.nward@gmail.com
- PhoneNo: 8796158138
- Number of Owned Devices: 11
- Number of Visible Devices: 11

Below the profile information, there are links for 'Need help to Setup Device/Wi-Fi?' and 'Change Password', along with 'Edit' and 'Close' buttons.

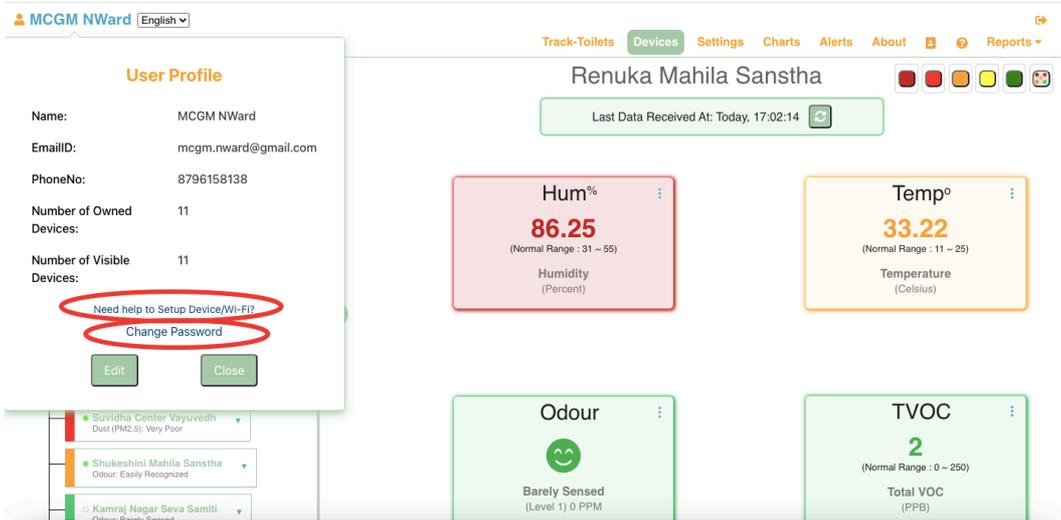
The main dashboard features several environmental data cards:

- Hum%:** 86.25 (Normal Range : 31 – 55) Humidity (Percent)
- Temp°:** 33.22 (Normal Range : 11 – 25) Temperature (Celsius)
- Odour:** Barely Sensed (Level 1) 0 PPM
- TVOC:** 2 (Normal Range : 0 – 250) Total VOC (PPB)

At the bottom, there is a list of locations with their corresponding air quality status:

- Survidha Center Vayurvedh Dust (PM2.5) Very Poor
- Shukeshini Mahila Sanstha Odour: Easily Recognized
- Kamraj Nagar Seva Samiti Odour: Barely Sensed

By clicking on **User Profile** option, user will see this User Profile window which includes user's Name, Email Id, Phone No., Number of Owned Devices of that particular user and Number of Visible Devices of that particular user.



User Profile

Name: MCGM NWARD
EmailID: mcgm.nward@gmail.com
PhoneNo: 8796158138
Number of Owned Devices: 11
Number of Visible Devices: 11

Need help to Setup Device/Wi-Fi?
Change Password

Edit Close

Track-Toilets **Devices** Settings Charts Alerts About Reports

Renuka Mahila Sanstha

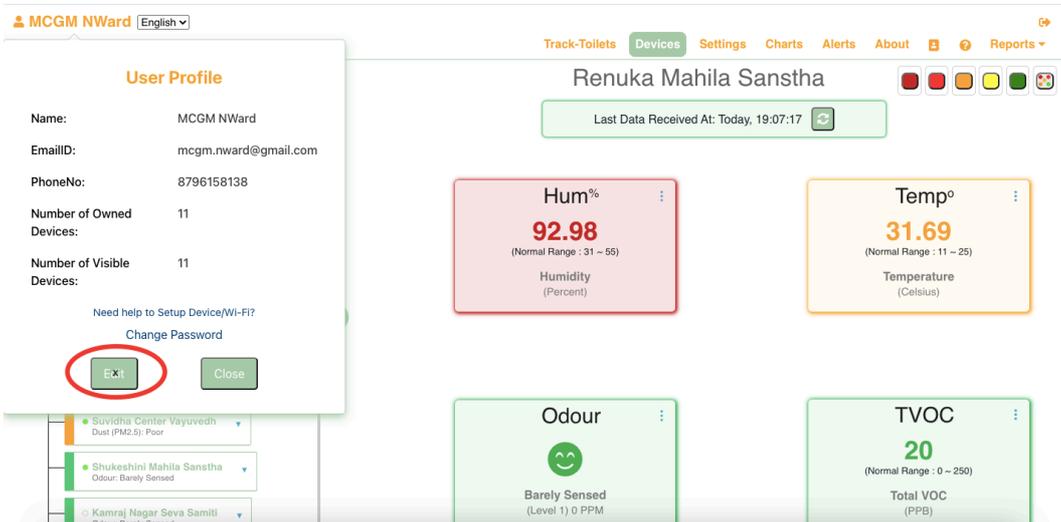
Last Data Received At: Today, 17:02:14

Hum%
86.25
(Normal Range : 31 – 55)
Humidity (Percent)

Temp°
33.22
(Normal Range : 11 – 25)
Temperature (Celsius)

Odour
Barely Sensed
(Level 1) 0 PPM

TVOC
2
(Normal Range : 0 – 250)
Total VOC (PPB)



User Profile

Name: MCGM NWARD
EmailID: mcgm.nward@gmail.com
PhoneNo: 8796158138
Number of Owned Devices: 11
Number of Visible Devices: 11

Need help to Setup Device/Wi-Fi?
Change Password

Exit Close

Track-Toilets **Devices** Settings Charts Alerts About Reports

Renuka Mahila Sanstha

Last Data Received At: Today, 19:07:17

Hum%
92.98
(Normal Range : 31 – 55)
Humidity (Percent)

Temp°
31.69
(Normal Range : 11 – 25)
Temperature (Celsius)

Odour
Barely Sensed
(Level 1) 0 PPM

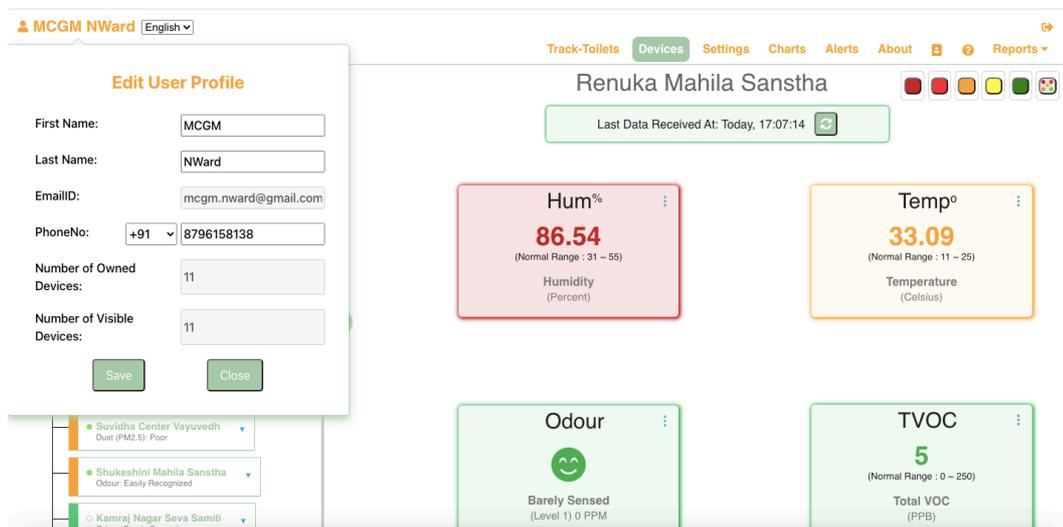
TVOC
20
(Normal Range : 0 – 250)
Total VOC (PPB)

In the above image, user will see there's 2 options circled which is **Need Help to Setup Device/Wifi?** and **Change Password** option.

In **Need Help to Setup Device/Wifi?** option, user will get all the information about how to setup device or wifi. This option is covered later in this Guide.

In **Change Password** option, user can change password.

Also as shown in the above images, user can edit the user profile by clicking on **Edit** button as circled or if user don't want to edit user can directly close the window by clicking on **Close** button.

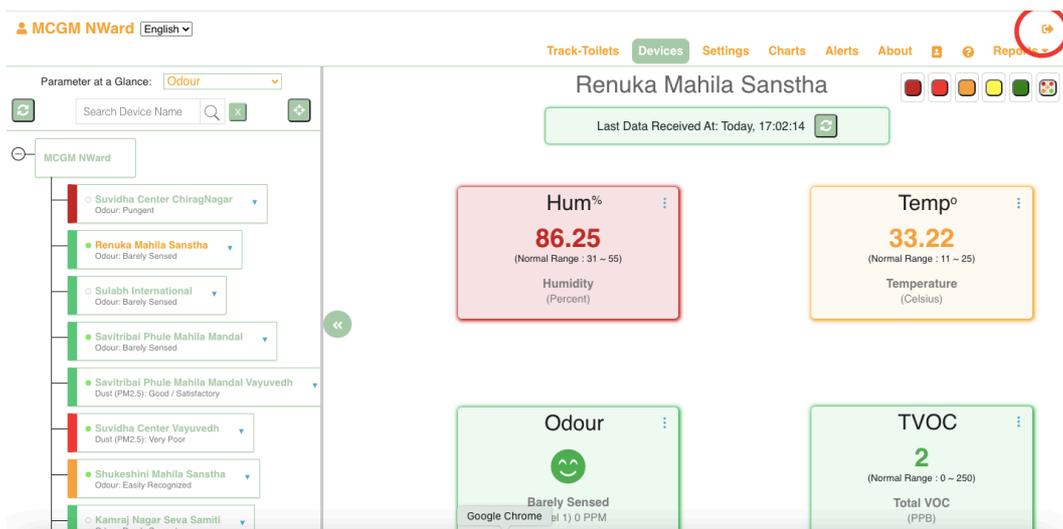


Edit User Profile

By Clicking on **Edit** button, user will get **Edit User Profile** window where user can edit his First Name, Last Name, and Phone no.

In this **Edit User Profile** window, user cannot edit Email Id, Number of Owned Devices and Number of Visible Devices. And then click on the **Save** button and then **Close** button. This will update saved changes.

4.2 Log out

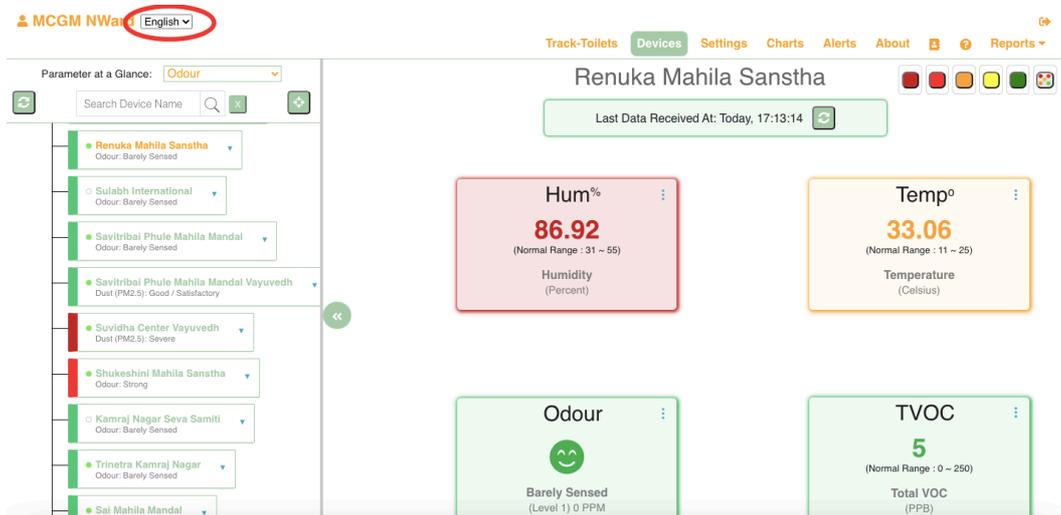


Log Out button

User can Log Out from this Web Page by clicking on button circled in the above image which is at extreme right top of the web page.

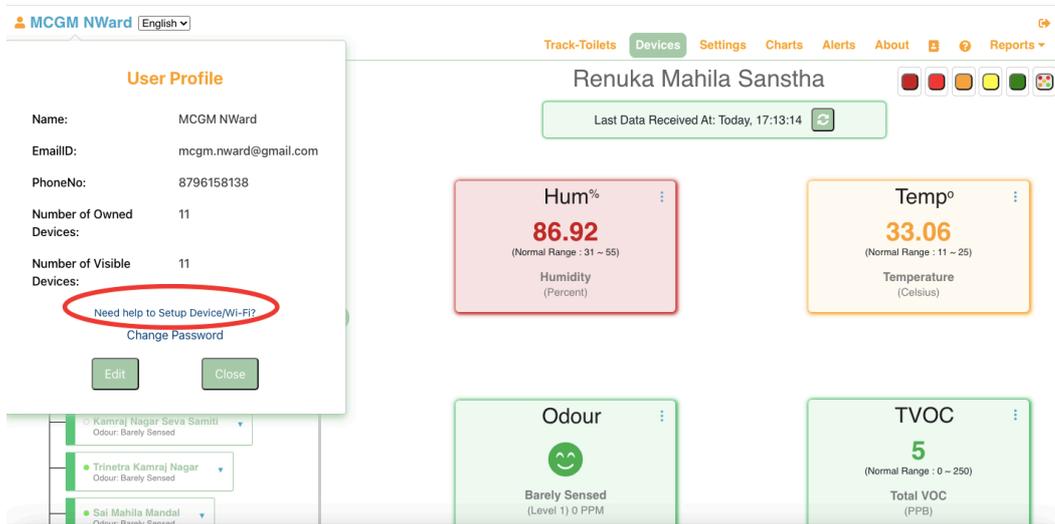
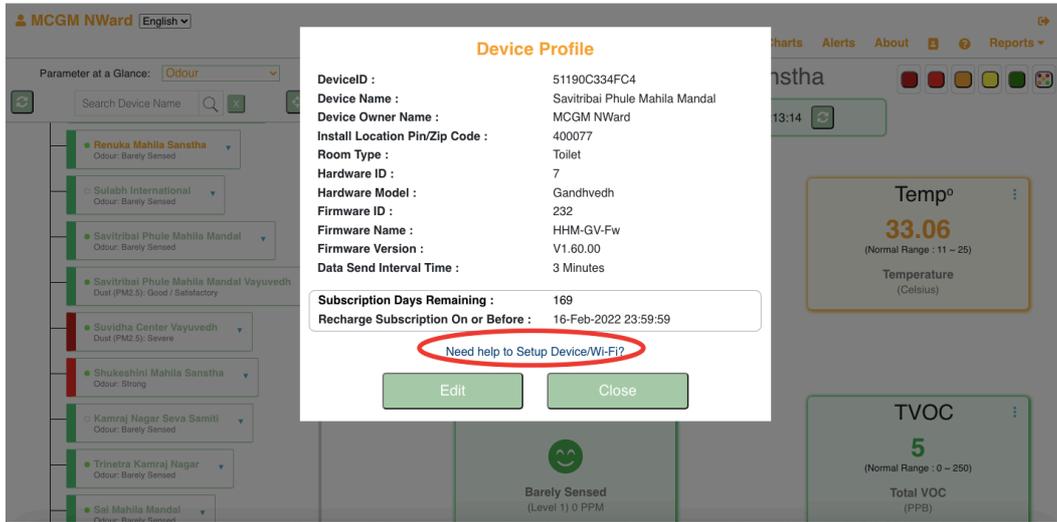
4.3 Languages

In the Web Application user can view the data in any language user wants from English, Marathi and Hindi from the dropdown button circled in the below image.



Languages Option

4.4 Need help to Setup Device/Wi-Fi?



User can access **Need help to Setup Device/Wi-Fi?** Option from **User Profile** option which is covered in section 4.1 and from **Device Profile** option which is covered in section 2.10.

By clicking on **Need help to Setup Device/Wi-Fi?** option, user will see all the necessary steps to setup wifi for devices.

With **Need help to Setup Device/Wi-Fi?** Option, user can setup user's Device with the help of mentioned steps in the Web App.

After setting up users device, user can keep track of the device through Web App.

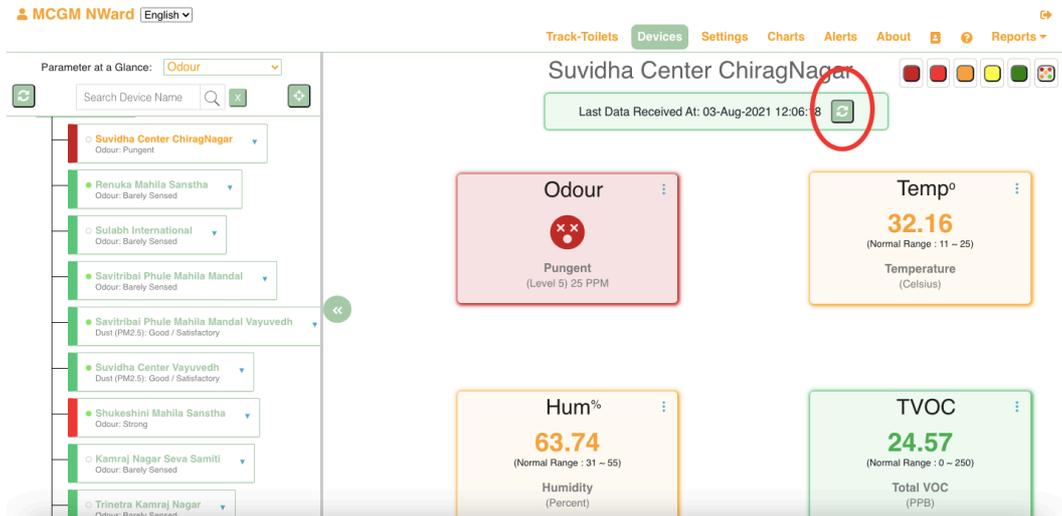
Once the device is setup, user can view the added device in Device Tree.

4.5 Refresh Button

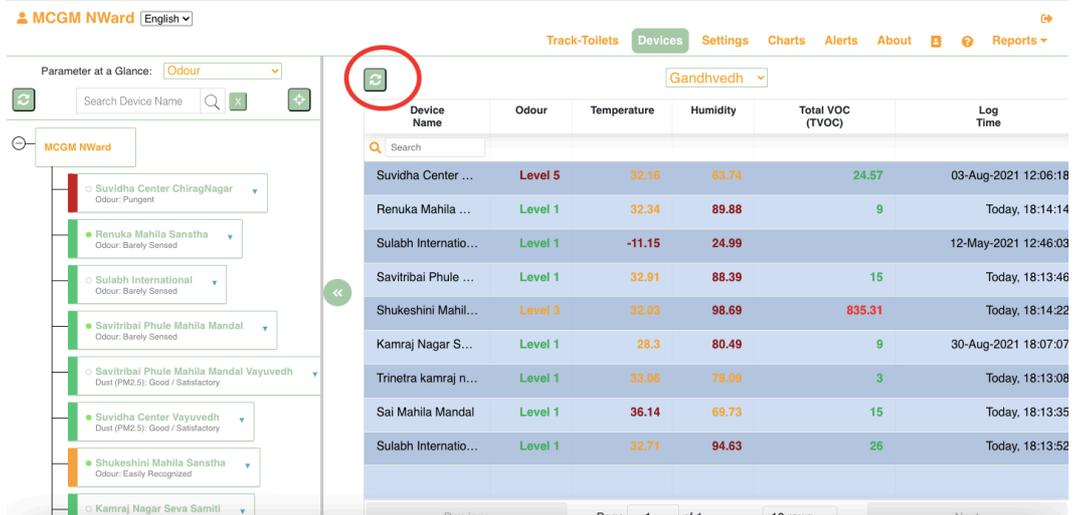
The data is updated on automatically after a certain time in HHM Web App. If a particular user wants to instantly get data, the user can press **Refresh button** which is circled in the below images. This will fetch data instantly instead of waiting for a particular time.

Refresh button is present in **Device tree** which is covered in section 2.5 in this guide.

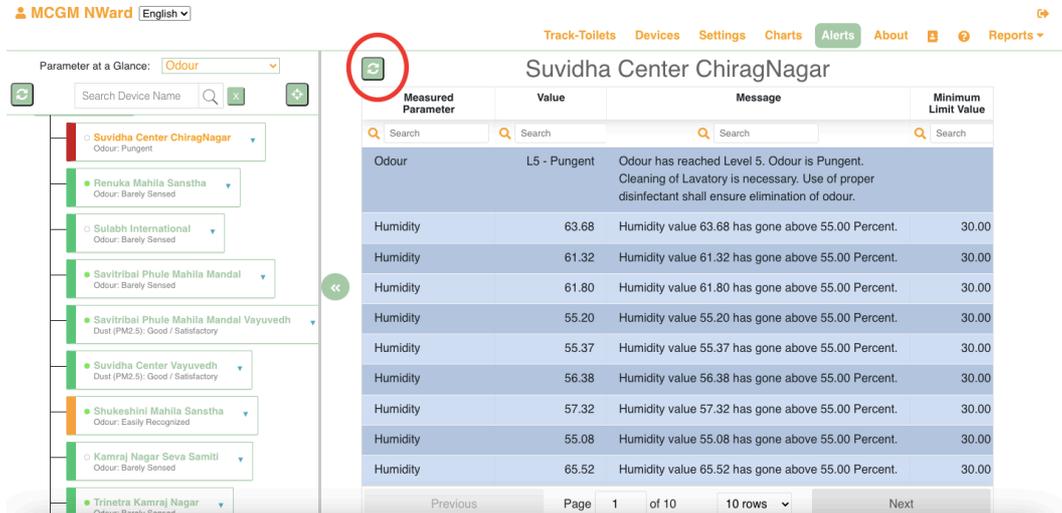
Refresh button in also present in Single Device data, Multiple Device data, Alerts, and in Track Toilets as shown in below images.



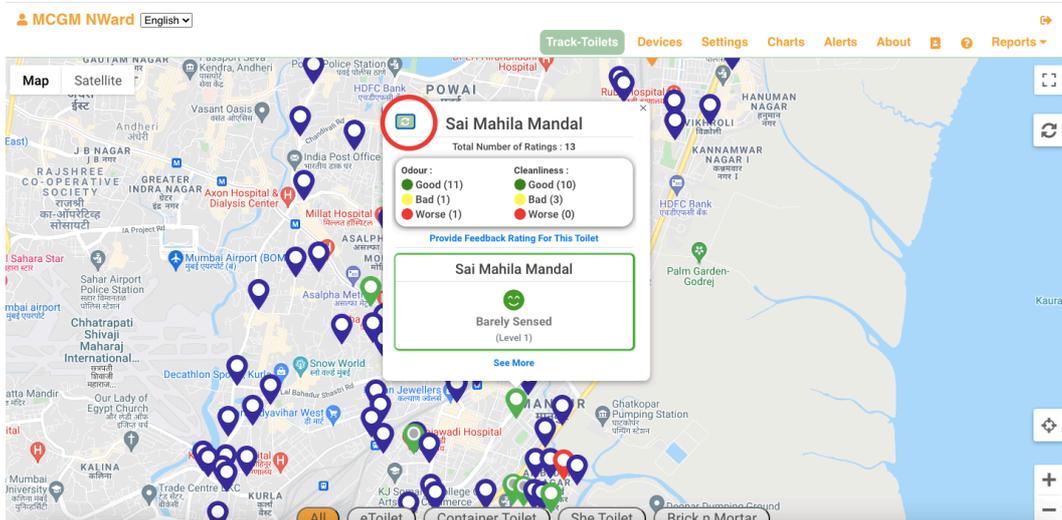
Refresh button in Single Device data



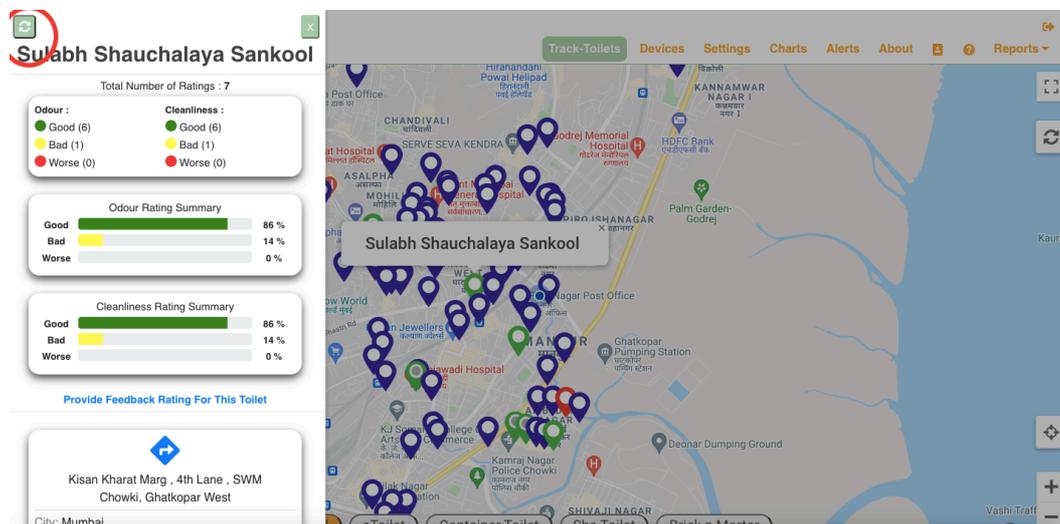
Refresh button in Multiple Device data



Refresh button in Alerts



Refresh button in Track Toilet



Refresh button in Track Toilet

User will also be able to see Refresh button from **Track Odour level of Toilets** option and **Provide Toilet Feedback Rating** option which is in the login page.

All the features of **Track toilet** are same as **Track Odour level of Toilets** option and **Provide Toilet Feedback Rating** option.

5. Revision History

The changes in Document v1.1_16/08/2021 are

- 1) Changed user guide images according to latest app version.
- 2) **Select Privilege** dropdown option was introduced in **Add user**.
- 4) Added new section 4.4 for **Need help to Setup Device/Wi-Fi?** Option.
- 5) Added new section 4.5 for **Refresh Button** option.
- 6) Removed 3.8 **Report** Section.