

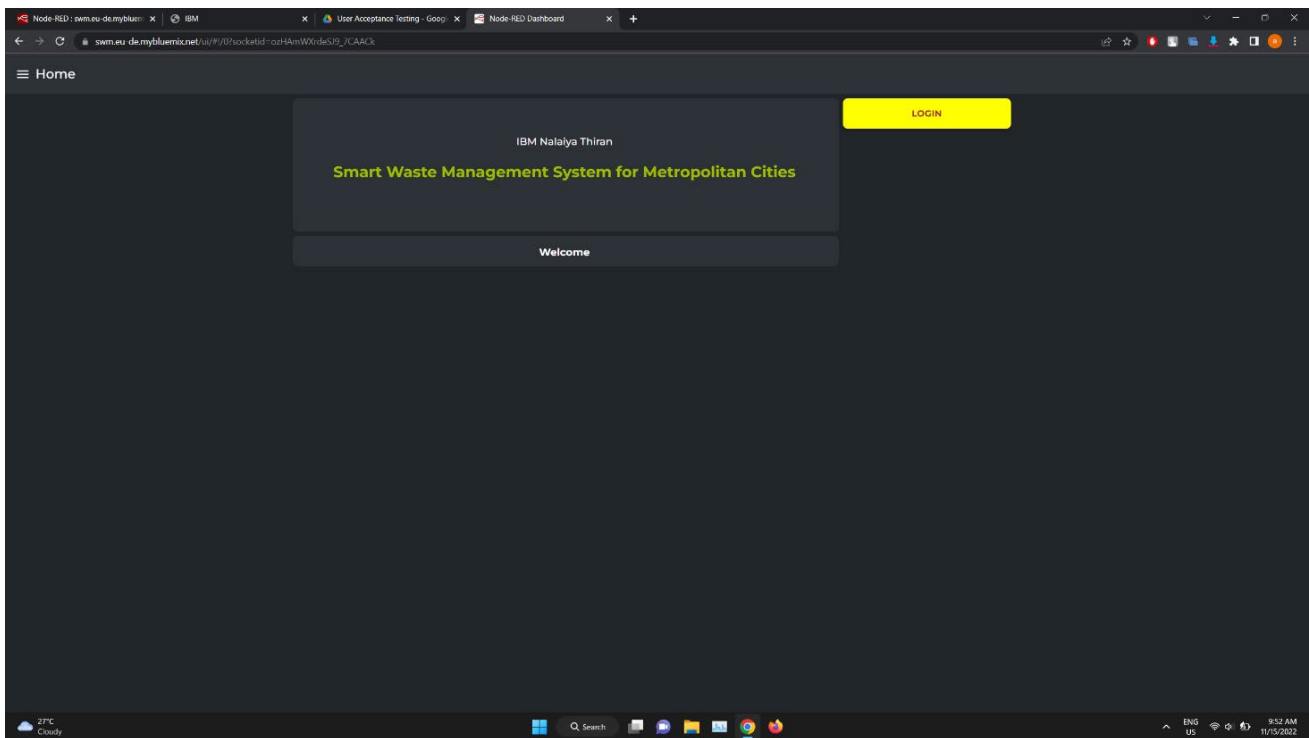
## Project Development phase

### SPRINT 2

Date	05 November 2022
Team ID	PNT2022TMID15973
Project Name	Project – Smart Waste Management for Metropolitan cities
Maximum Marks	2 Marks

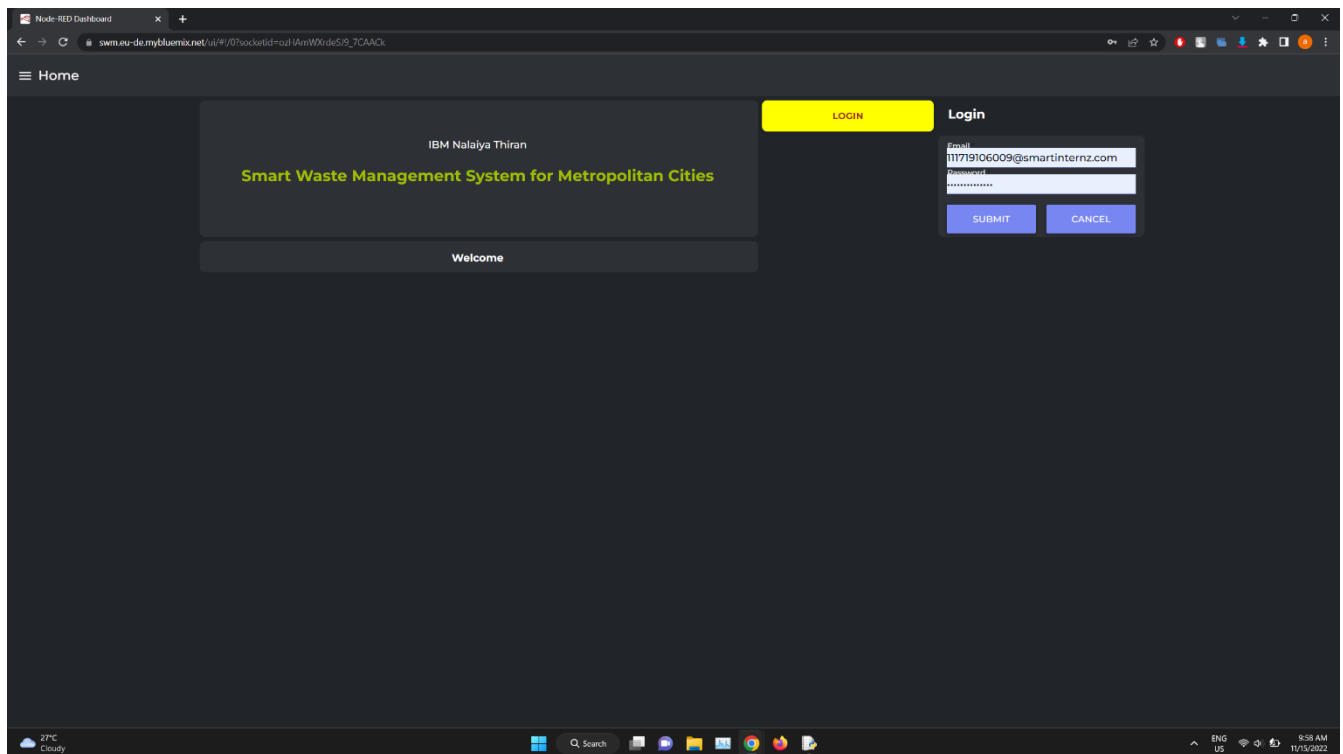
In Sprint 2 we have created the co-admin page where we can view the dashboard, create, update, remove Truck Drivers account.

## Home Page

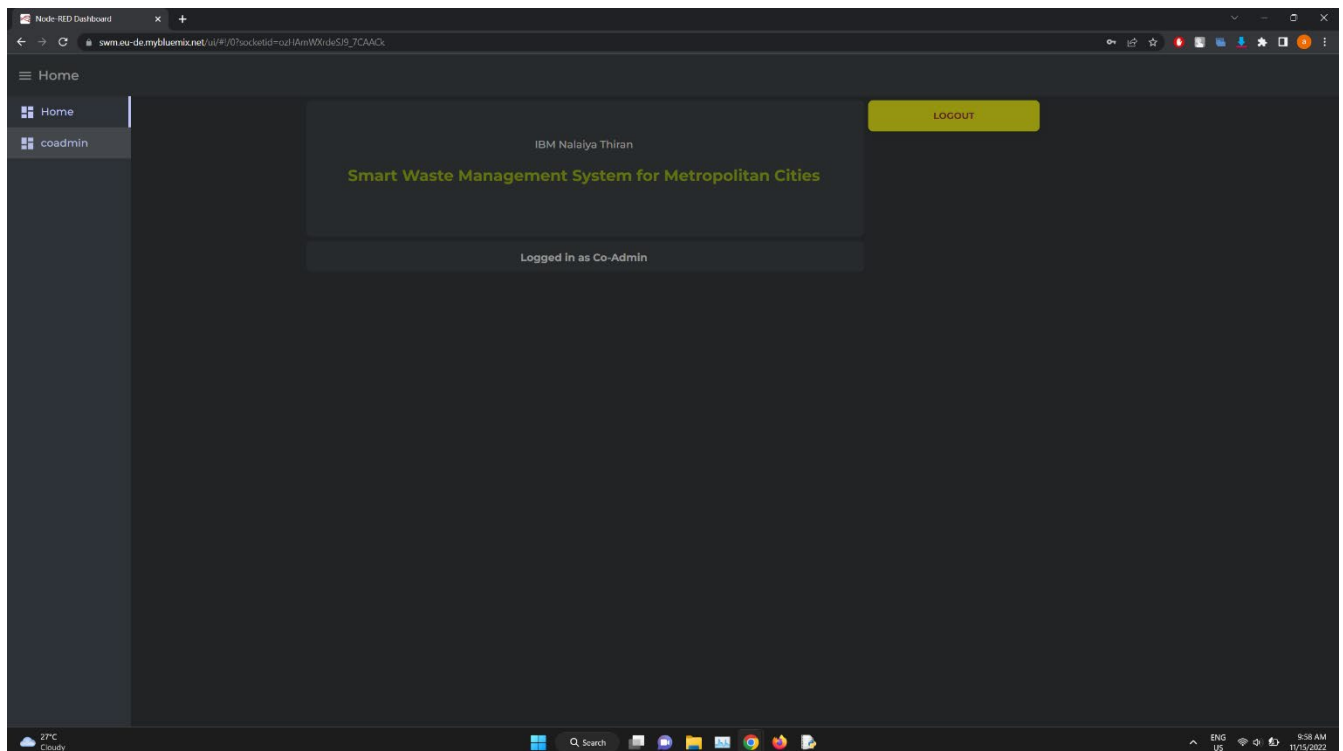


## Login Page:

Once we click on the login button, we can see the Login window appears in the right side. Now we need to enter the co-admin credentials.



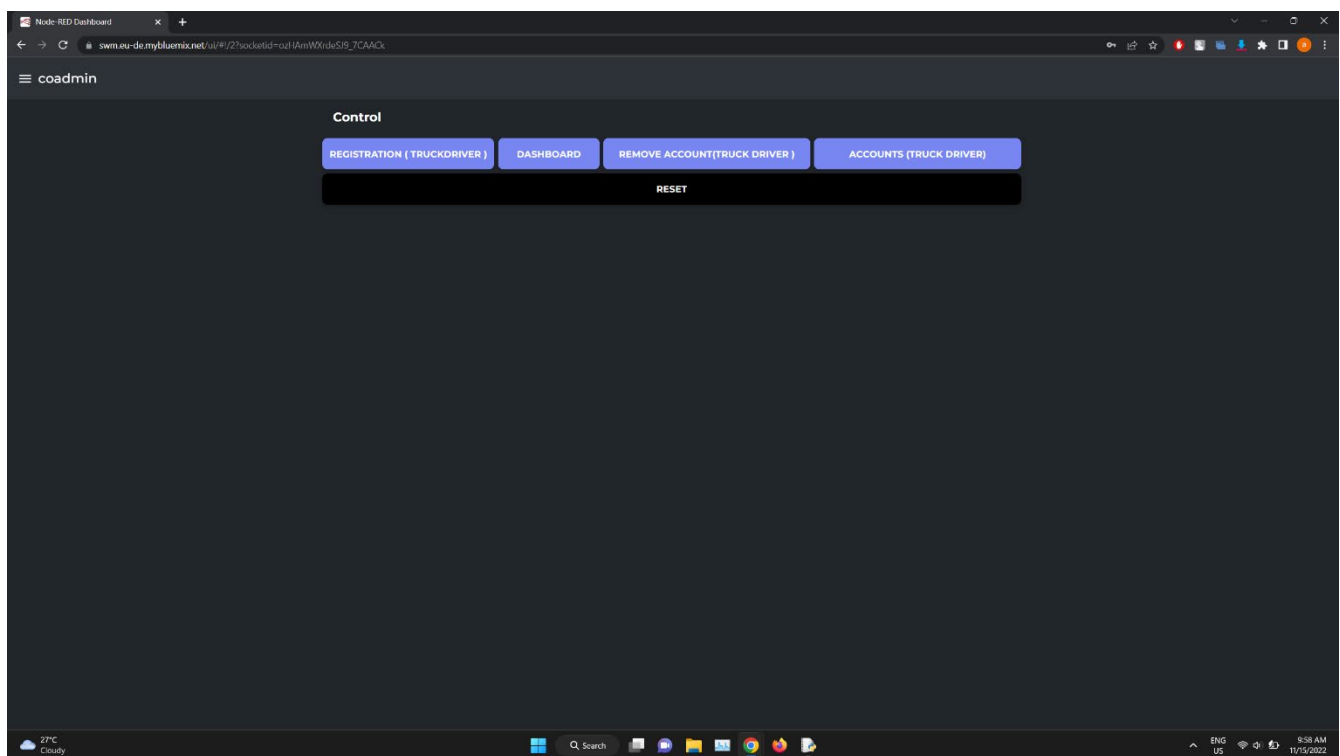
Once we successfully logged in, we can see the below status changed into Logged in as co-admin and we can see the co-admin tab appears.



## Co - Admin Page:

This is the admin page, here we can see different buttons.

Button	Functionalities
Dashboard	To view the map, dustbin level etc
Registration (Truck Driver)	To Create a new account for Co admin
Accounts (Truck Driver)	To view the Truck Driver's account details
Remove Account (Truck Driver)	To Delete the Truck Driver account
Reset	To close all the groups opened (i.e. Dashboard, accounts, remove account etc)



## Dashboard:

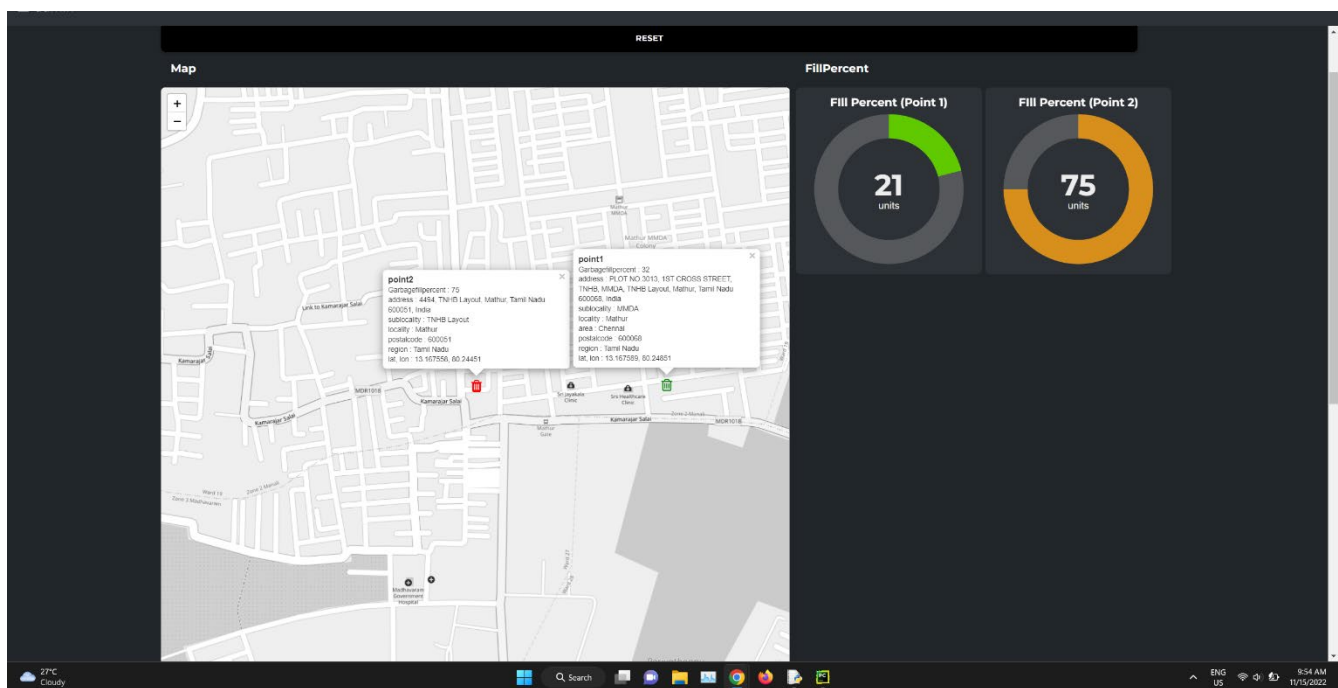
**Note:** Here I have used two dustbins. So, we can see both of their Trash Fill percent in their particular location.

By clicking the dashboard button, we can view the dashboard.

Here we can see the map and the Fill percent for both the garbage bin.

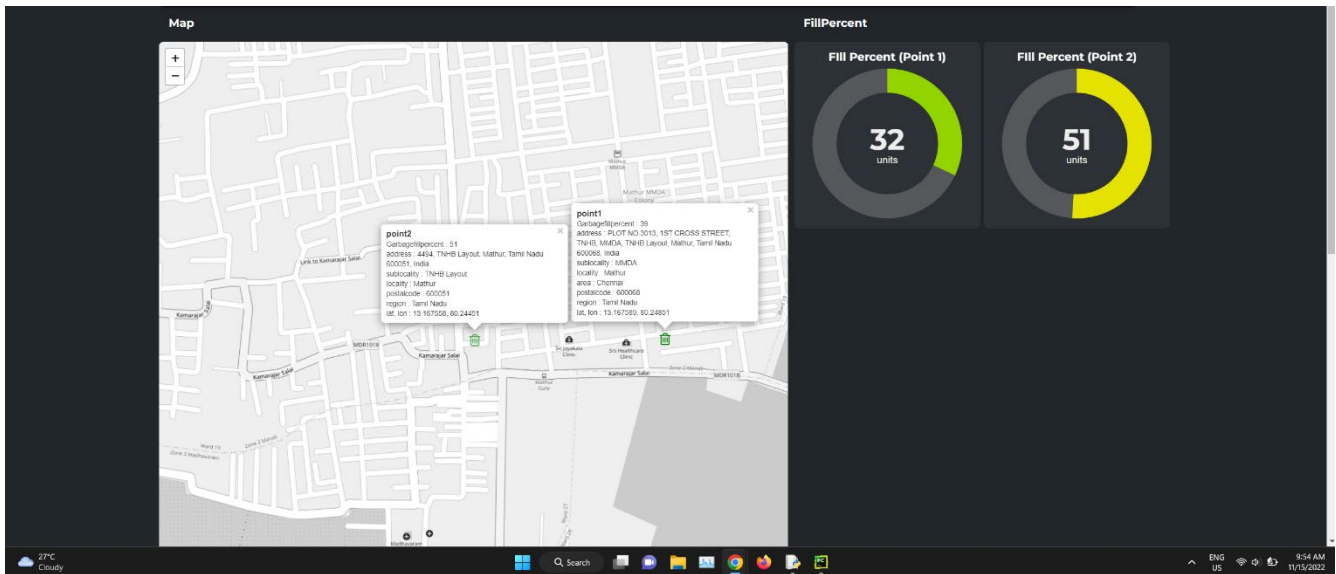
By clicking on the icon in the map we can see the details like

- Fill percent
- Address
- Sub locality
- Postal code
- Region
- Latitude, longitude



**Note:** Here once the bin level crosses their threshold level (here I have set as 60%) the icon colour changes to **Red**. if it is below the threshold the icon colour changes back to **Green**.

Here we can also see the Gauge where the Fill Percent of each Garbage bin is shown.



Here we can see the Table where it shows the last filled Timing (i.e., once the garbage bin fill to 100% the table is being updated with their timing)

The screenshot shows a Node-RED dashboard with a map and a table. The map displays the same area as the previous screenshot, with points 1 and 2. The table below the map lists the last filled timing for each point. The table has columns for Name, Time, Date, Locality, and Address. The data is as follows:

Name	Time	Date	Locality	Address
point1	09:45	2022-11-15	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	09:34	2022-11-15	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	09:33	2022-11-15	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	21:33	2022-11-14	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	21:30	2022-11-14	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	21:00	2022-11-14	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	20:59	2022-11-14	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	20:58	2022-11-14	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	20:58	2022-11-14	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point1	20:58	2022-11-14	Mathur	PLOT NO.3013, 1ST CROSS STREET, TNHB, MMDA, TNHB Layout, Mathur, Tamil Nadu 600068, India
point2	10:24	2022-11-15	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	21:02	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	21:00	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	20:59	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	20:59	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	20:59	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	20:58	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	20:58	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	20:57	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India
point2	20:57	2022-11-14	Mathur	4494, TNHB Layout, Mathur, Tamil Nadu 600051, India

## Registration (Truck Driver):

Once we click on the **Registration (Truck Driver)** button we can see the Registration menu. We need to enter the details like Name, Email Id, Phone Number, Password.

Once we create the account, we can see the notification in the below one

The screenshot shows a web browser window displaying the Node-RED Dashboard. The URL is `sm.eu-de.mybluemix.net/ui/#/2?socketid=colIAmWkdeS9_7CAAGk`. The dashboard has a dark theme and a sidebar with a hamburger menu icon and the text "coadmin". The main content area is divided into two sections: "Control" and "Registration".

The "Control" section contains four buttons: "REGISTRATION ( TRUCKDRIVER )", "DASHBOARD", "REMOVE ACCOUNT(TRUCK DRIVER )", and "ACCOUNTS (TRUCK DRIVER)". Below these buttons is a "RESET" button.

The "Registration" section is titled "FOR TRUCK DRIVERS" and contains a form with the following fields:

- Name: Dharneeshwaran
- Email: 111719106030@smartinternz.com
- Phone Number: 7418520963
- Password: \*\*\*\*\*
- Location: Madhavaram

At the bottom of the form are two buttons: "SUBMIT" and "CANCEL".

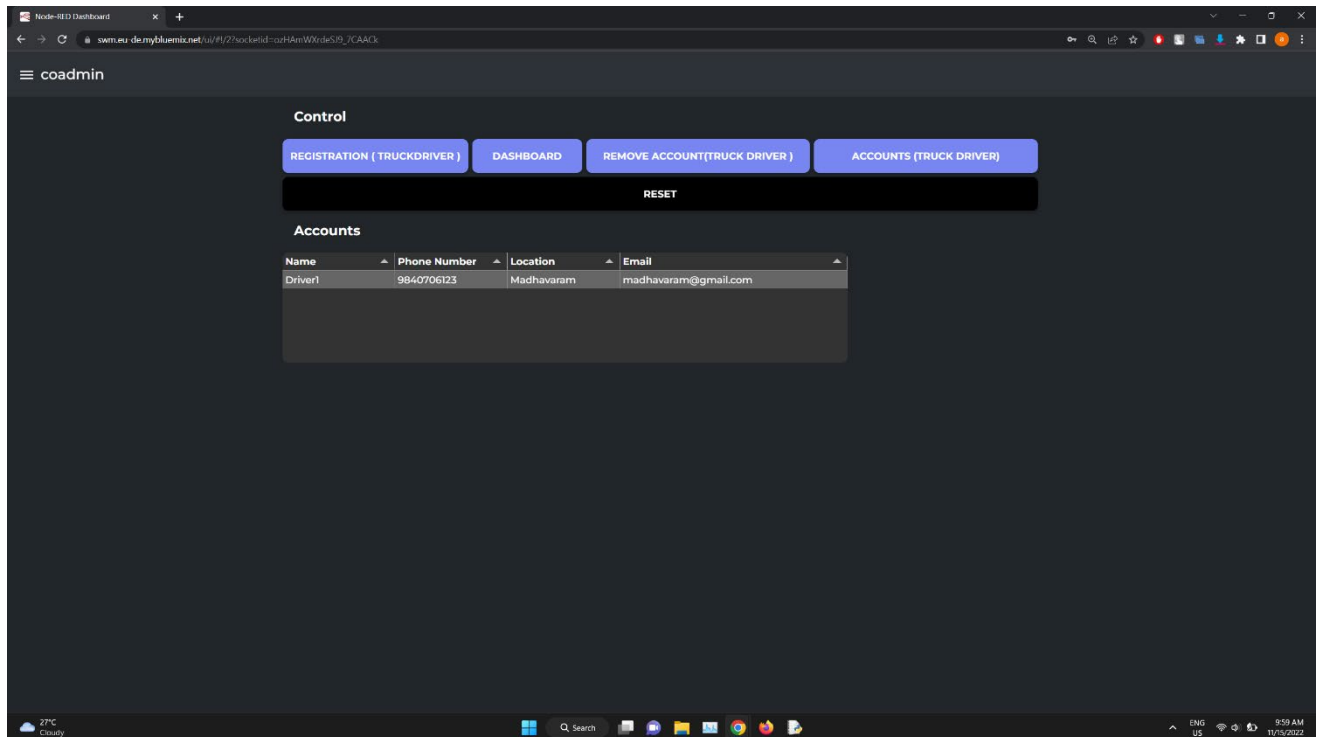
The bottom of the browser window shows a taskbar with a search bar, several application icons, and system status information: 27°C Cloudy, ENG US, and 10:00 AM 11/15/2022.

This screenshot is identical to the one above, showing the same registration form. However, a notification box has appeared in the bottom right corner of the dashboard area. The notification text is: "Hey! Dharneeshwaran, Registration Successful."

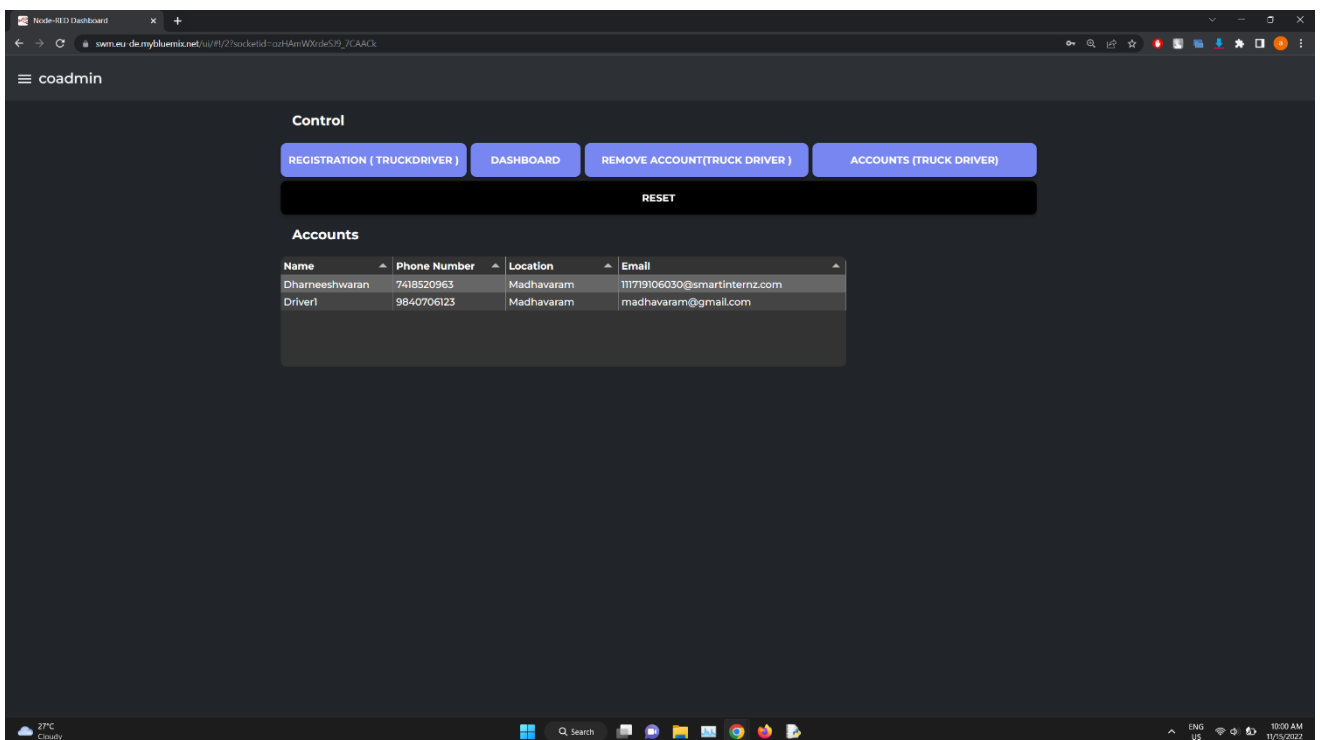
## Accounts (Truck Driver):

Once we click on the Account (Truck Driver) button. We can see all the Truck Driver details like their Name, Phone number, Location, Email Id.

## Before Account Creation:

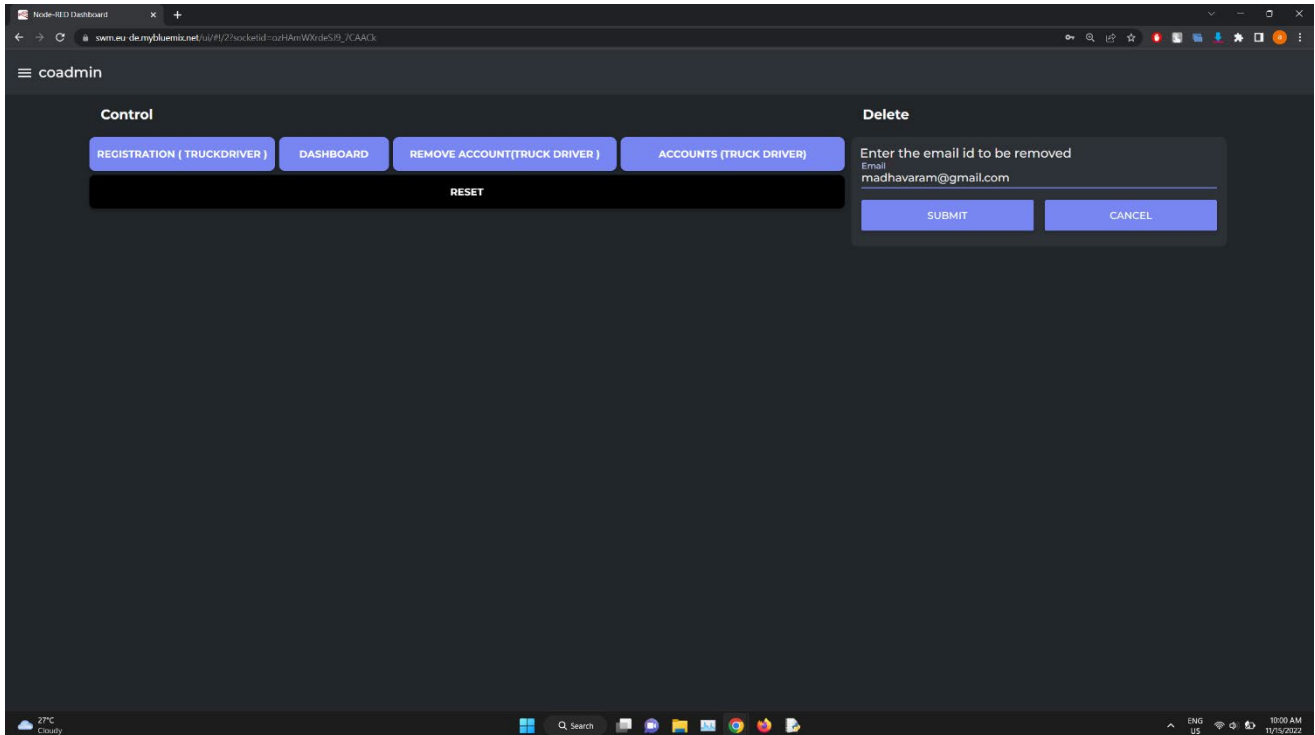


## After Account Creation:

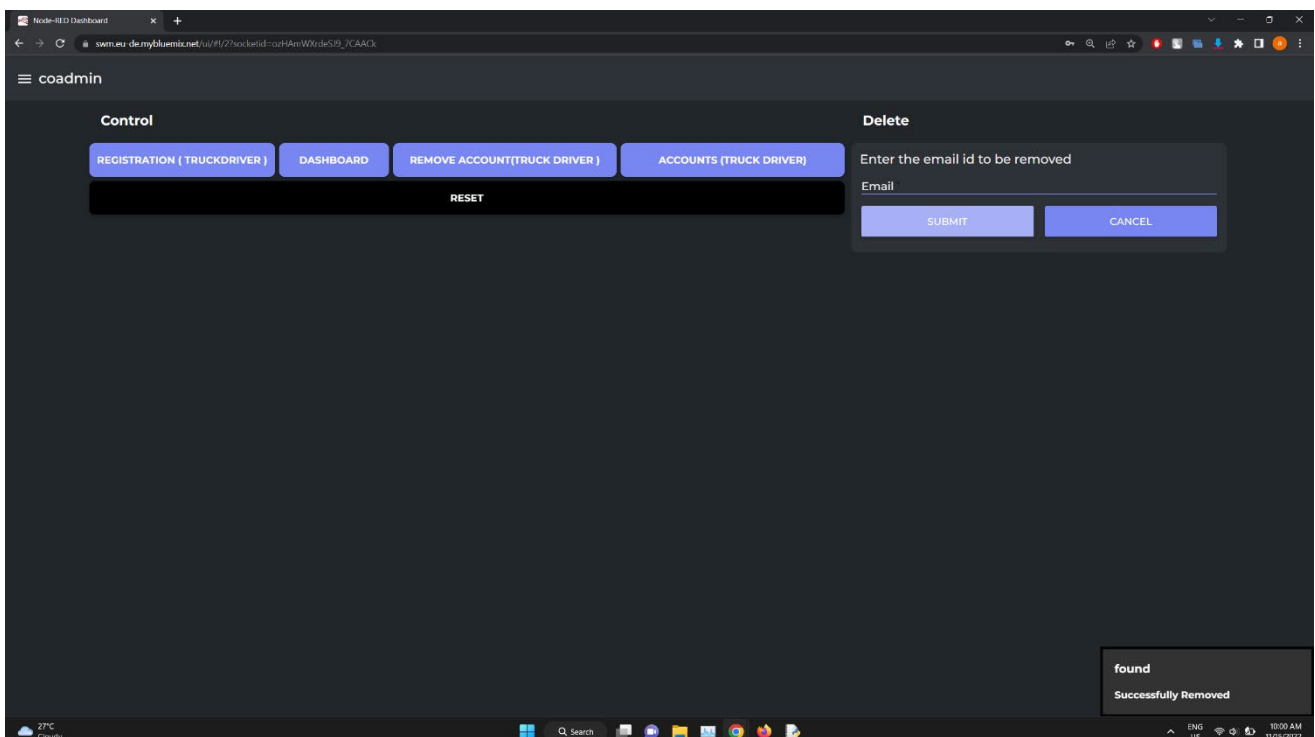


## Remove Account (Truck Driver):

To remove the Co admin account, we need to enter the email id which should be removed.



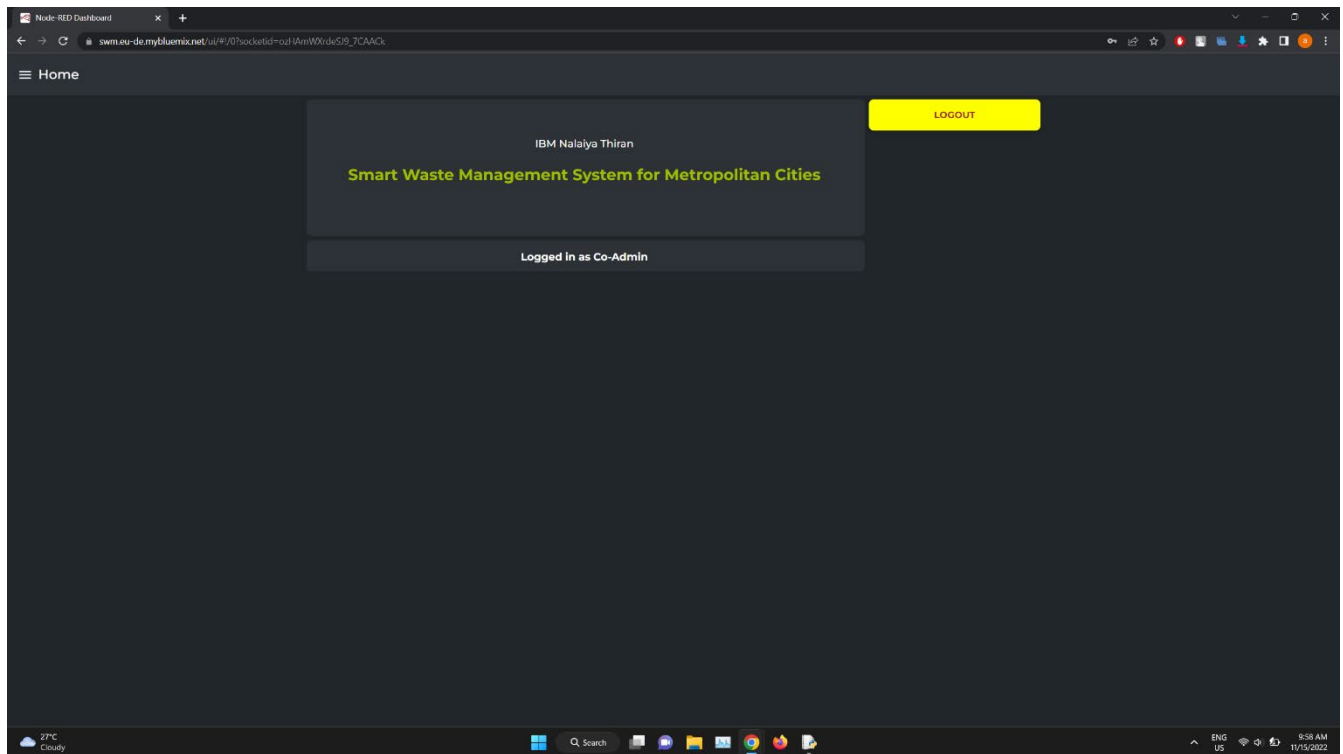
We can see the notification if the account is removed correctly or not.





## Logout Page:

By moving towards the home tab, we can see logout button and then we can again login to any other account if needed.



There by we can finally able to view and manage Truck driver account and able to see the details of the dustbin in the dashboard.