

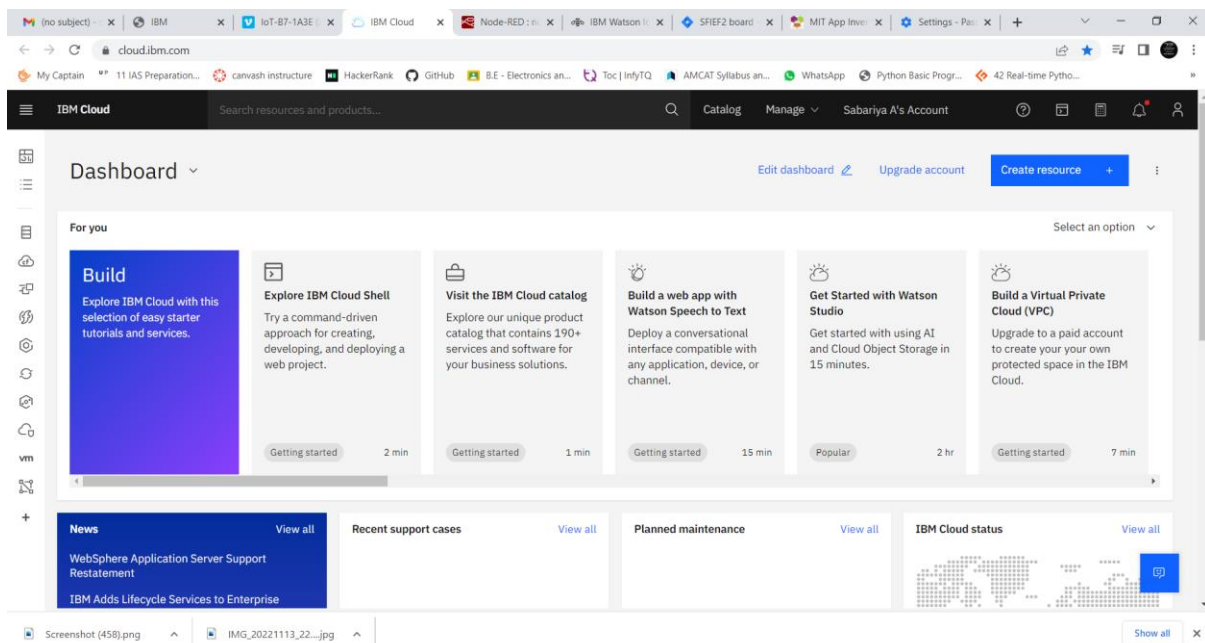
VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Department of Electronics and Communication Engineering

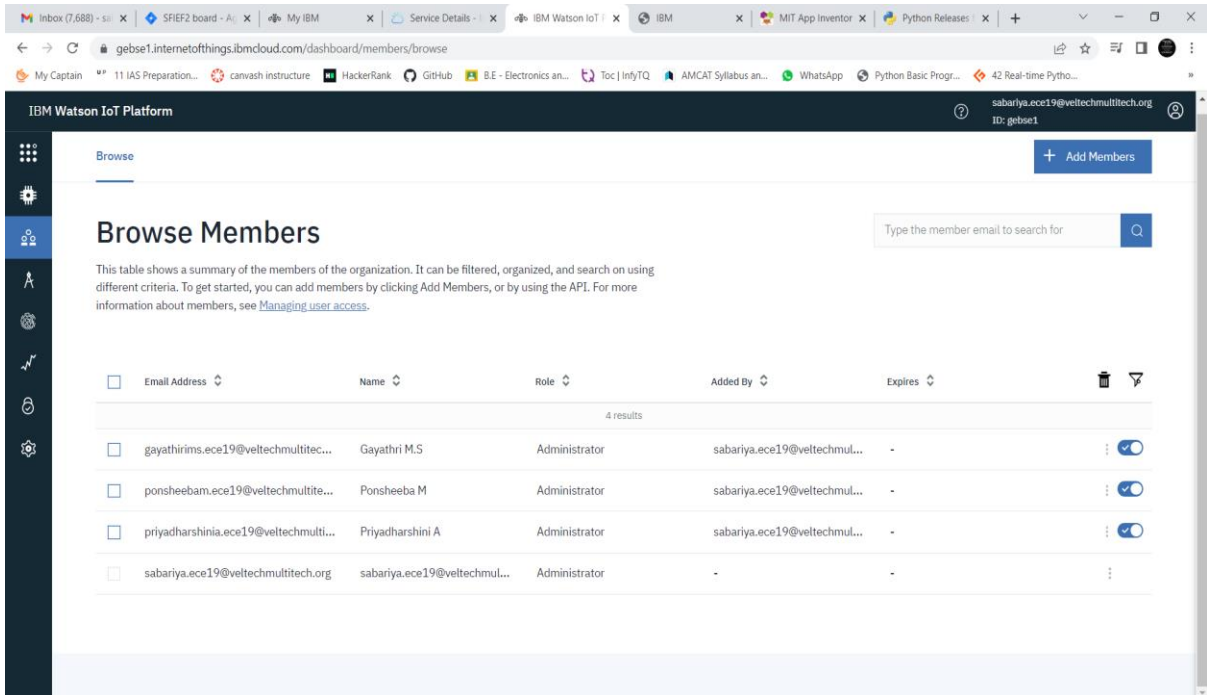
Smart Farmer-IOT Enabled Smart Farming

TEAM ID	PNT2022TMID22476
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TEAM MEMBER NAME	GAYATHRI M S PRIYADHARSHINI A PONSHEEBA M
MENTOR NAME	KALPANA

1.IBM CLOUD SERVICE:



2.IBM WATSON IOT PLATFORM :



IBM Watson IoT Platform

Browse

+ Add Members

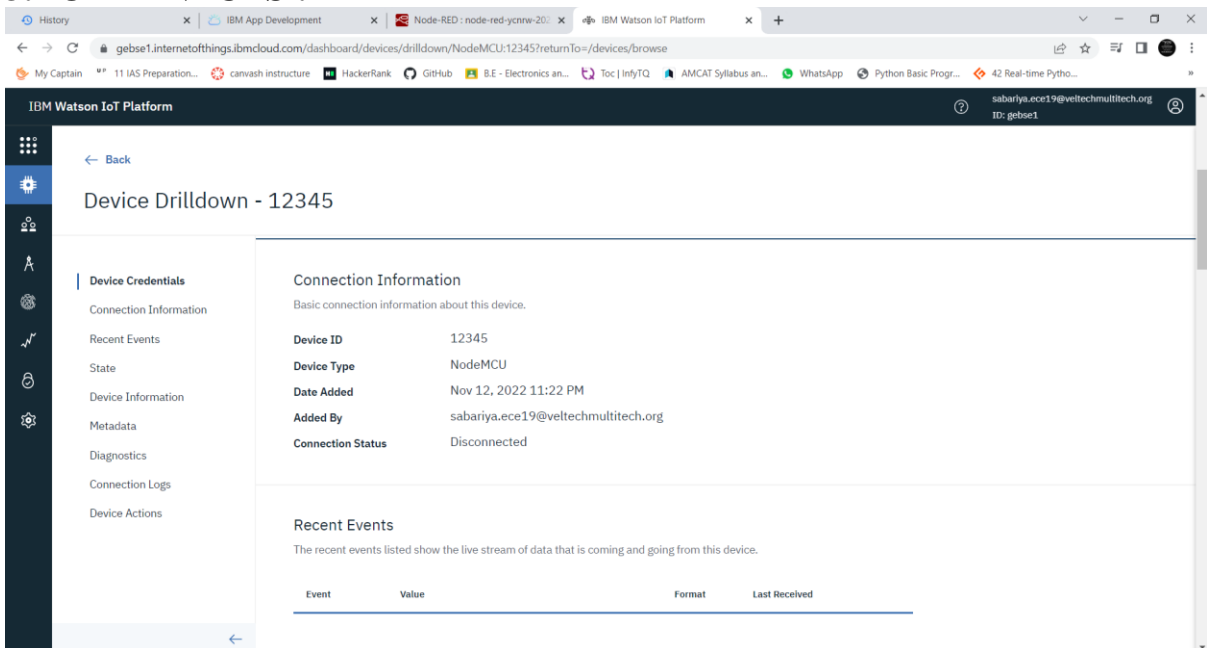
Browse Members

Type the member email to search for

This table shows a summary of the members of the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add members by clicking Add Members, or by using the API. For more information about members, see [Managing user access](#).

<input type="checkbox"/>	Email Address	Name	Role	Added By	Expires	
4 results						
<input type="checkbox"/>	gayathirims.ece19@veltechmultitec...	Gayathri M.S	Administrator	sabariya.ece19@veltechmul...	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	ponsheebam.ece19@veltechmultite...	Ponsheeba M	Administrator	sabariya.ece19@veltechmul...	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	priyadharshinia.ece19@veltechmulti...	Priyadharshini A	Administrator	sabariya.ece19@veltechmul...	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	sabariya.ece19@veltechmultitech.org	sabariya.ece19@veltechmul...	Administrator	-	-	<input type="checkbox"/>

3. IOT DEVICES :



IBM Watson IoT Platform

← Back

Device Drilldown - 12345

Device Credentials

- Connection Information
- Recent Events
- State
- Device Information
- Metadata
- Diagnostics
- Connection Logs
- Device Actions

Connection Information

Basic connection information about this device.

Device ID	12345
Device Type	NodeMCU
Date Added	Nov 12, 2022 11:22 PM
Added By	sabariya.ece19@veltechmultitech.org
Connection Status	Disconnected

Recent Events

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
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4.NODE RED :

The screenshot displays the IBM Cloud Developer console for an application named "Node RED YCNRW 2022-11-12". The interface is divided into several sections:

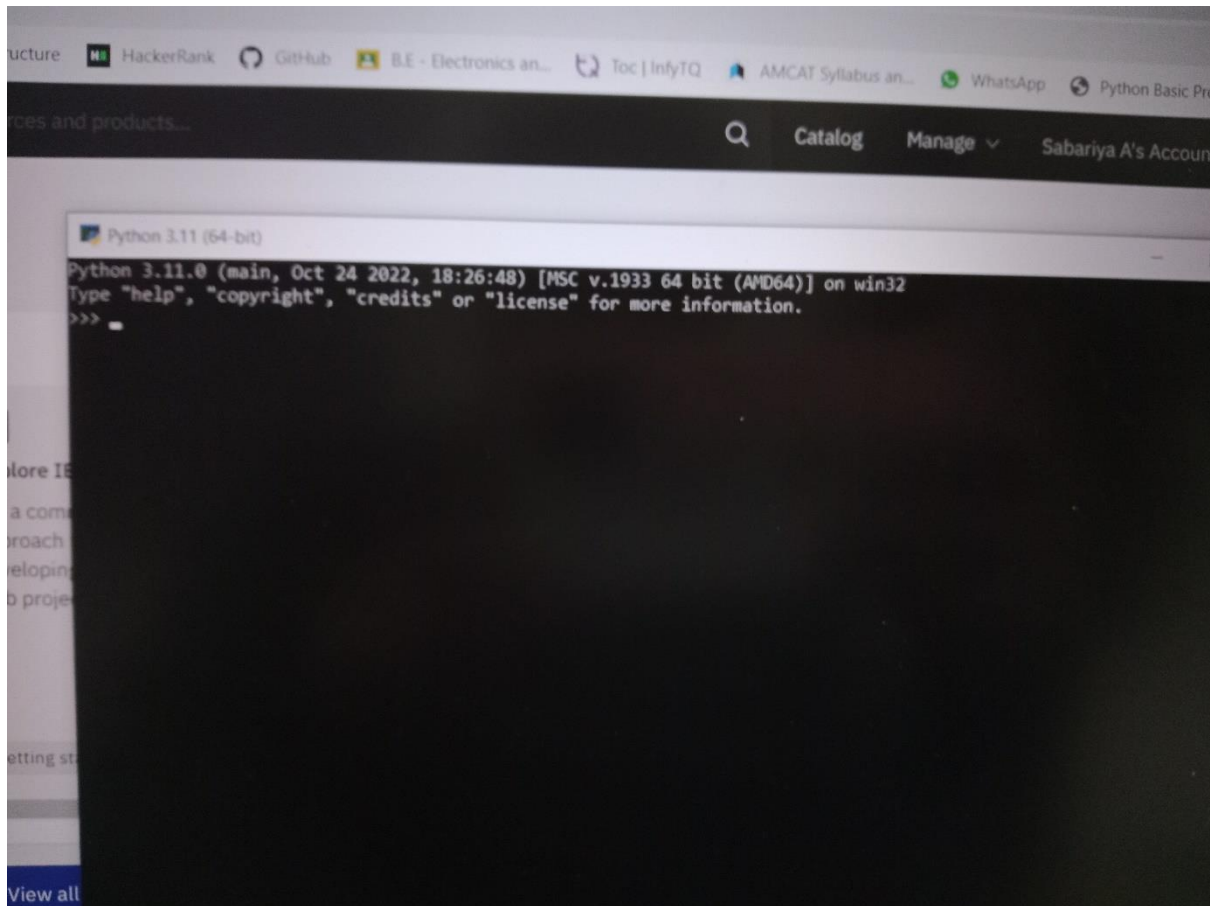
- Details:** Provides key information about the application, including the App URL (<https://node-red-ycnrw-2022-11-12-au-syd.mybluemix.net>), Source (<https://us-south.git.cloud.ibm.com/sabariya.ece19/NodeREDY...>), Resource group (Default), Deployment target (Node RED YCNRW 2022-11-12), and Created date (11/12/2022).
- Services:** Shows the application is connected to the "Cloudant" service. It includes links to the Open dashboard, Documentation, and API reference, along with a Credentials dropdown and buttons to "Connect existing services" or "Create service".
- Deployment Automation:** Displays the deployment configuration, including the Name (NodeREDYCNRW2022-11-12), Location (Dallas), Tool integrations, and Delivery Pipelines. The ci-pipeline is shown with a "Success" status, while the pr-pipeline shows "No stages detected".
- Getting started quickly:** A sidebar panel with a "ASK A QUESTION" button and a "Configuring your app" section. It provides a 4-step guide: 1. Use the Services card to connect a service to your app. 2. If you want to view the code before your app is deployed, click Download code to obtain the .zip file. 3. Click Deploy your app in the Deployment Automation card to select the deployment target and configure the Continuous Delivery service. 4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

5. MIT APP INVENTOR:

The screenshot shows the MIT App Inventor web interface for a project titled "SMART FARMING". The interface includes a central design canvas, a left-hand component palette, and a right-hand property inspector.

- Component Palette:** Lists various UI components such as Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebViewer. It also includes sections for Layout, Media, Drawing and Animation, Maps, and Charts.
- Design Canvas:** Displays a mobile app design for a "SMART FARMING" application. The design includes a title bar, input fields for "Temperature", "Humidity", and "Moisture", two buttons labeled "Motor-On" and "Motor-Off", and a large image of green grass at the bottom. The status bar at the top of the design shows "Screen1", signal strength, and the time "9:48".
- Property Inspector:** Allows for configuring the selected component. The "Label1" component is selected, showing properties like FontBold, FontItalic, FontSize (20), FontTypeface (default), HTMLFormat, HasMargins (checked), Height (Automatic), Width (Automatic), Text (SMART FARMING), TextAlignment (center), TextColor (White), and Visible (checked).
- Non-visible components:** A section at the bottom of the design canvas showing components that are not currently visible on the screen, including Web1, Clock1, and Web2.

6.PYTHON SOFTWARE:



7.FAST2SMS :

