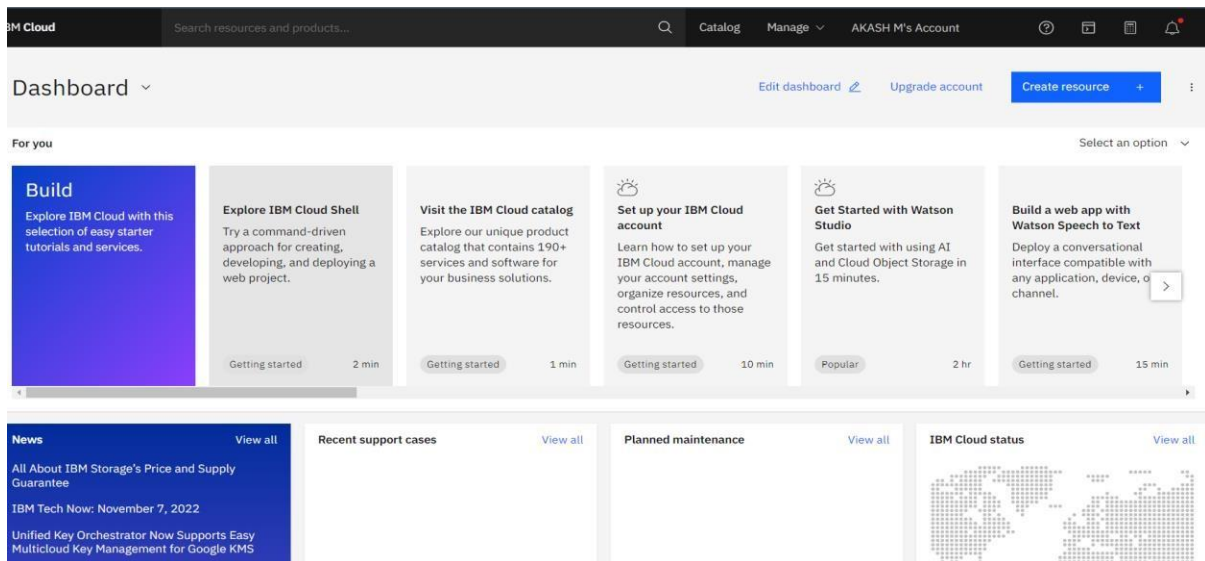


SPRINT – 2

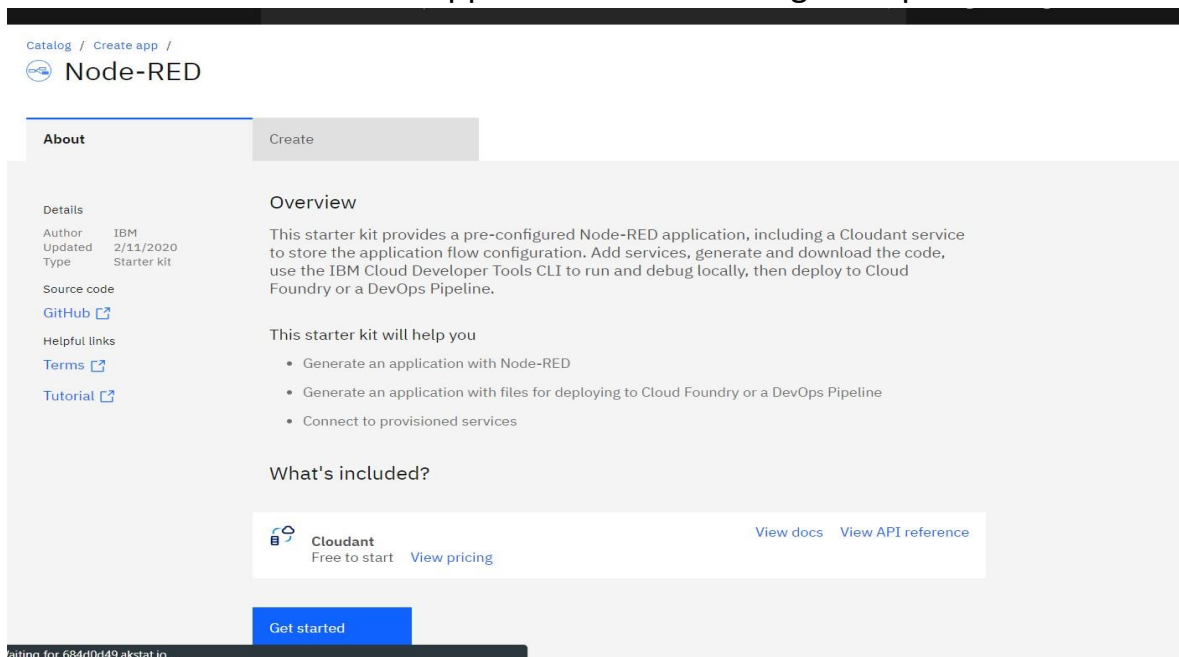
Date	14 NOVEMBER
Team ID	PNT2022TMID35105
Project Name	Smart waste management system for metropolitan cities
Story Points	5

To Create a Node-RED service.

STEP 1: Open IBM cloud:



STEP 2: search for node red app in IBM cloud Catalog and open it



STEP 3: deploy your app

The screenshot shows the 'App details' page for 'Node RED NGHKJ 2022-11-04'. The page is divided into three main sections: Details, Deployment Automation, and Getting started quickly.

Details: This section contains fields for App URL, Source, Resource group, Deployment target, and Created. The App URL and Source fields are empty, and the Source field has a 'Download code' button. The Resource group is set to 'Default'. The Deployment target is empty. The Created date is '11/4/2022'.

Deployment Automation: This section contains a 'Configure Continuous Delivery' card. It states that Continuous Delivery is not enabled for this app and provides instructions on how to enable it. There is a 'Deploy your app' button.

Getting started quickly: This section contains a 'Configuring your app' card. It provides a list of steps to follow to connect services and DevOps toolchains to your app. The steps are: 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. If you make any changes to your app, be

STEP 4: open cloud foundry and create Node RED

The screenshot shows the 'Cloud Foundry Public' page in the IBM Cloud console. The page has a sidebar on the left with the 'Cloud Foundry' logo and a 'Public' section. The main content area displays a table of Cloud Foundry Applications and Services. A notification banner at the top states: 'IBM Cloud Foundry Public is being deprecated. Please see full details.' The table has columns for Name, Group, Location, Offering, Status, and Tags. There are filters for each column. The table shows one application and one service.

Name	Group	Location	Offering	Status	Tags
Cloud Foundry Applications (1)					
Cloud Foundry Services (1)					

STEP 5: open Node RED platform

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with the IBM logo and a search bar. Below it, the 'Resource list' section displays a resource named 'Node RED VCF FE 2022-11-08' with a status of 'Running'. A sidebar on the left contains a 'Getting started' section with links to Overview, Runtime, Connections, Logs, API Management, and Autoscaling. The main content area features a heading 'Download, modify, and redeploy your Cloud Foundry app with the command-line interface' and instructions on how to use the IBM Cloud CLI. A code block shows the command `$ ibmcloud cf install`.

IBM Cloud

Search resources and products...

Resource list /

Node RED VCF FE 2022-11-08 Running [Visit App URL](#) [Add tags](#) [Details](#) [Action](#)

Getting started

- Overview
- Runtime
- Connections
- Logs
- API Management
- Autoscaling

Download, modify, and redeploy your Cloud Foundry app with the command-line interface

Last Updated: 2020-08-31

Use the IBM® Cloud Foundry command-line interface (CLI) to download, modify, and redeploy your Cloud Foundry apps and service instances.

Before you begin, [download and install the IBM Cloud CLI](#).

Then install the IBM Cloud Foundry CLI by running the following command:

```
$ ibmcloud cf install
```

After you install the CLI, you can get started.

STEP 6: Work with the nodes and connect to IBM Watson IOT platform

