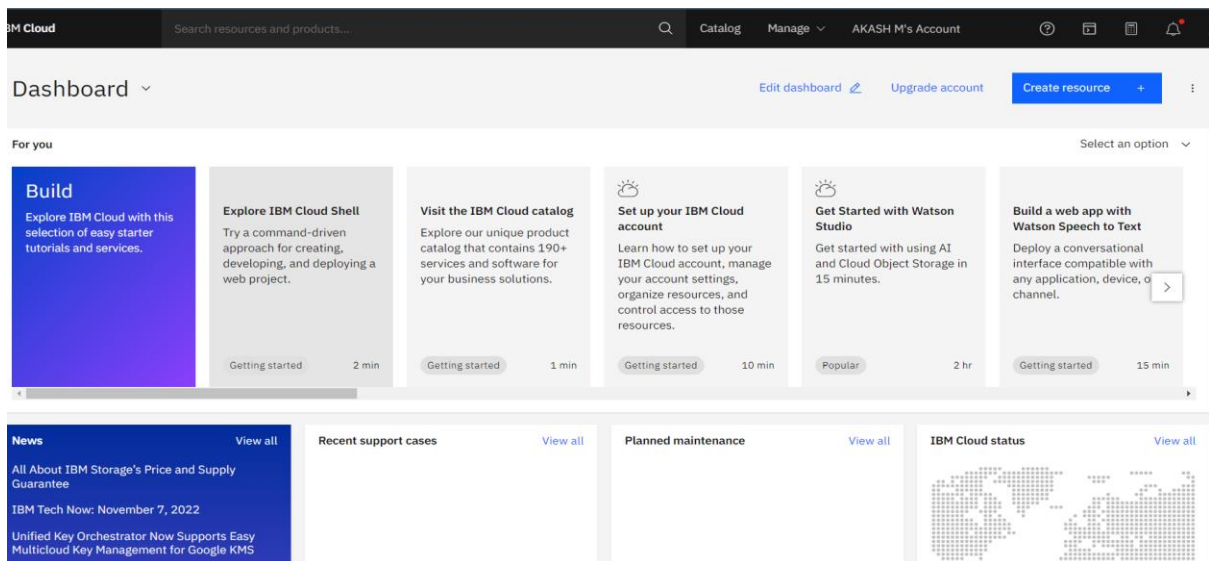


SPRINT – 2

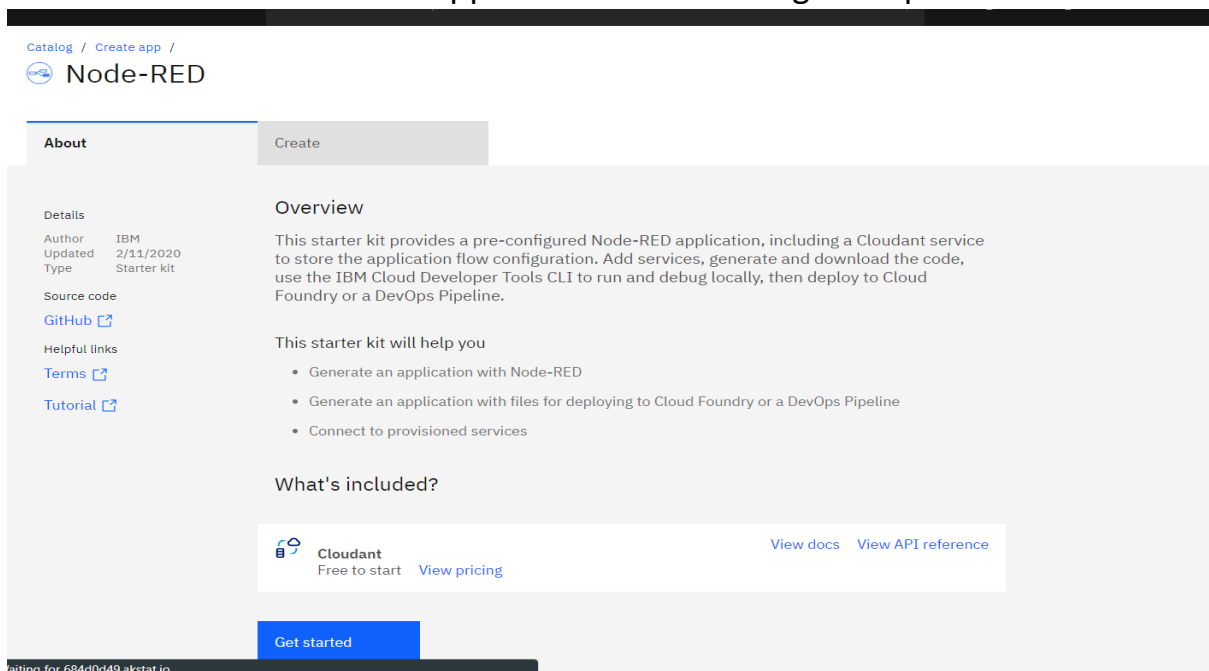
Date	4 November 2022
Team ID	PNT2022TMID00928
Project Name	Smart waste management system for metropolitan cities
Story Points	5

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 several sections:

- Details:** Contains fields for App URL, Source (with a 'Download code' button), Resource group (set to 'Default'), Deployment target, and Created date (11/4/2022).
- Services:** A section for managing services, showing a 'Cloudant' service with links to 'Open dashboard', 'Documentation', and 'API reference'. It also has a 'Credentials' dropdown and buttons for 'Connect existing services' and 'Create service'.
- Deployment Automation:** A section titled 'Configure Continuous Delivery' with a 'Deploy your app' button.
- Getting started quickly:** A sidebar on the right with a list of steps for configuring the app, including connecting services, downloading code, and deploying the app.

At the top right, there is an 'Actions...' dropdown menu. At the bottom right, there is an 'ASK A QUESTION' button.

STEP 4: open cloud foundry and create Node RED

The screenshot shows the 'Cloud Foundry Public' catalog page on the IBM Cloud platform. The page features a search bar at the top and a table of offerings. 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. Below the table, there are sections for 'Cloud Foundry Applications (1)' and 'Cloud Foundry Services (1)'. A 'Create' button is visible in the top right corner.

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 Cloud logo and a search bar. Below the navigation bar, the main content area displays the resource 'Node RED VCFE 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 has a heading 'Download, modify, and redeploy your Cloud Foundry app with the command-line interface' and a sub-heading 'Last Updated: 2020-08-31'. It provides instructions on using the IBM Cloud Foundry CLI to download, modify, and redeploy apps. A code block shows the command `$ ibmcloud cf install`.

Resource list /
Node RED VCFE 2022-11-08 Running [Visit App URL](#) [Add tags](#) [Details](#) [Acti](#)

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

