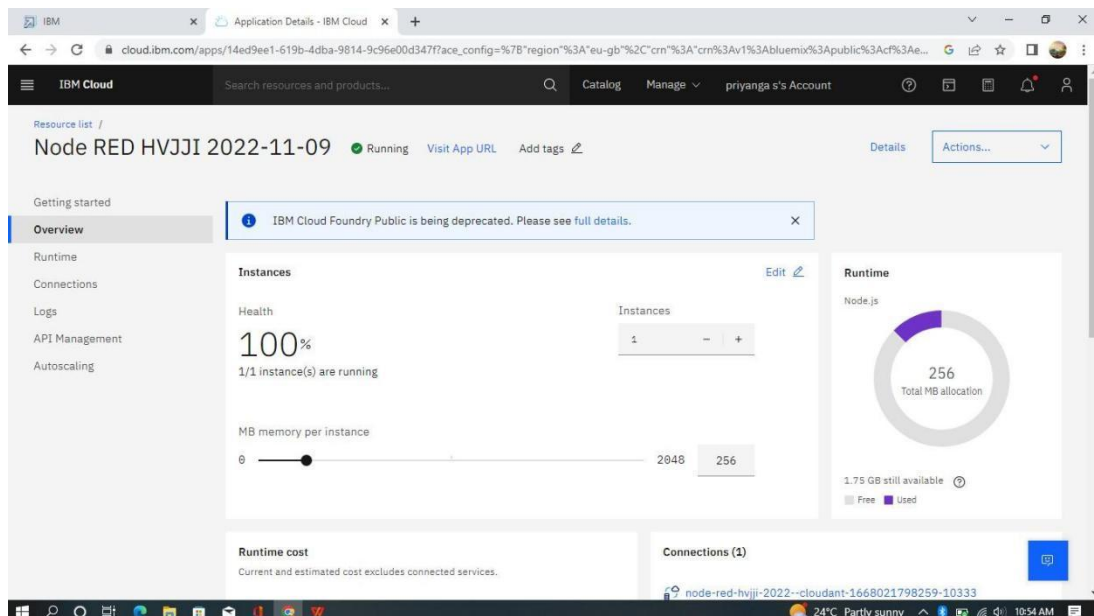
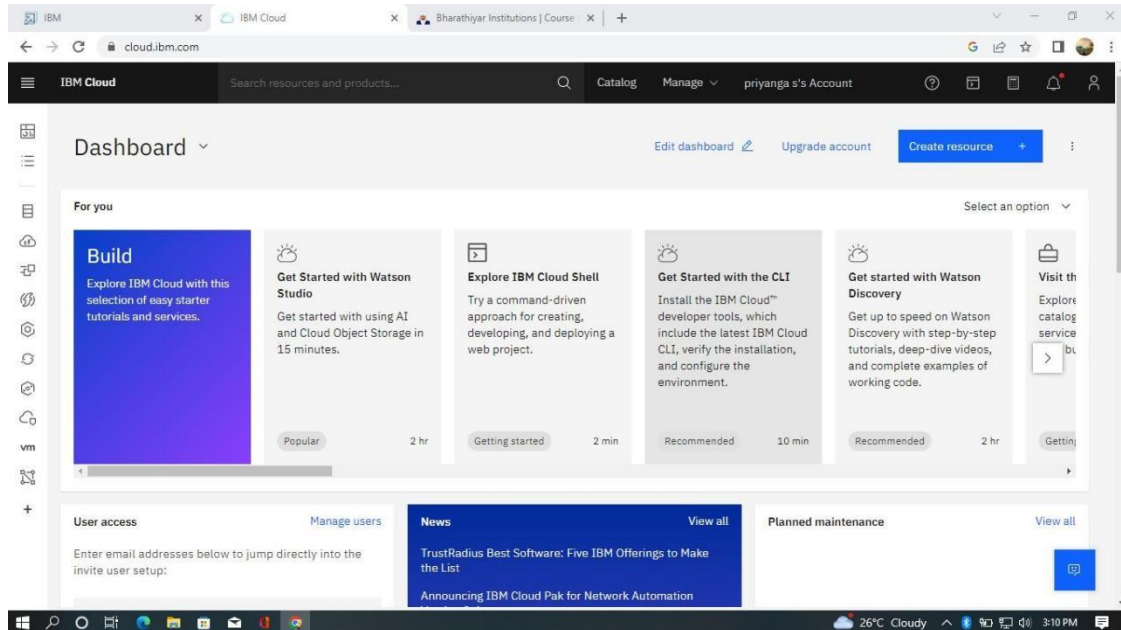


Configure the application to receive the data from cloud

Date	22 October2022
Team id	PNT2022TMID41415
Project Title	Real Time River Water Quality Monitor and control system
Marks	



IBM Watson IoT Platform

620319106044@smartinternz.com
ID: srklid6

Browse Action Device Types Interfaces

2811 Disconnected NodeMCU Device Nov 10, 2022 6:45 AM

Monitoring Disconnected RiverWater Device Nov 15, 2022 10:18 PM

Identity Device Information Recent Events State Logs

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

Event	Value	Format	Last Received
event_1	{"randomNumber":31}	json	a few seconds ago

Items per page 50 | 1-2 of 2 items

1 Simulation running

Node-RED

Flow 6

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function

Flow 6 diagram:

```

graph LR
    IBM_IoT[IBM IoT] --> PHvalue[PHvalue]
    IBM_IoT --> randomNumber[randomNumber]
    PHvalue --> PHvalue_out[PHvalue]
    randomNumber --> randomNumber_out[randomNumber]
    MIT_App[MIT App] --> mit_app_event[mit app event]
    mit_app_event --> http[http]
    Light_ON[Light ON] --> IBM_IoT
    Light_OFF[Light OFF] --> IBM_IoT
    mit_app_control[mit app control] --> http
    
```

debug

```

undefined
11/16/2022, 9:35:58 PM node: 84500173097b8665
iot-
2/type:River/WaterId/Monitoring/ev/IoT/Sensor/rfm1json :
msg payload : undefined
undefined
11/16/2022, 9:36:08 PM node: 84500173097b8665
iot-
2/type:River/WaterId/Monitoring/ev/IoT/Sensor/rfm1json :
msg payload : Object
{ pHValue: 2, Turbidity Value: 27 }
11/16/2022, 9:36:08 PM node: 84500173097b8665
iot-
2/type:River/WaterId/Monitoring/ev/IoT/Sensor/rfm1json :
msg payload : undefined
undefined
11/16/2022, 9:36:08 PM node: 84500173097b8665
iot-
2/type:River/WaterId/Monitoring/ev/IoT/Sensor/rfm1json :
msg payload : undefined
undefined

```

MIT APP INVENTOR

river_water_quality_monitoring

Blocks

- Variables
- Procedures
- Screen1
 - HorizontalArranger
 - Label1
 - TextBox1
 - HorizontalArranger
 - Label2
 - TextBox2
 - HorizontalArranger
 - Label3
 - TextBox3
 - Button1
 - Button2
 - Web1
 - Clock1
- Any component

Viewer

```

when Clock1 -> Timer
do
  set Web1 -> Url to https://node-red-hvji-2022-11-09-eu-gb.mybluemix.net/
  call Web1 -> Get

when Web1 -> GotText
do
  set TextBox1 -> Text to look up in pairs key Temperature
  pairs call Web1 -> JsonTextDecode jsonText get responseContent
  notFound not found
  set TextBox2 -> Text to look up in pairs key Turbidity
  pairs call Web1 -> JsonTextDecode jsonText get responseContent
  notFound not found
  set TextBox3 -> Text to look up in pairs key Ph value
  pairs call Web1 -> JsonTextDecode jsonText get responseContent
  notFound not found

when Button1 -> Click

```

