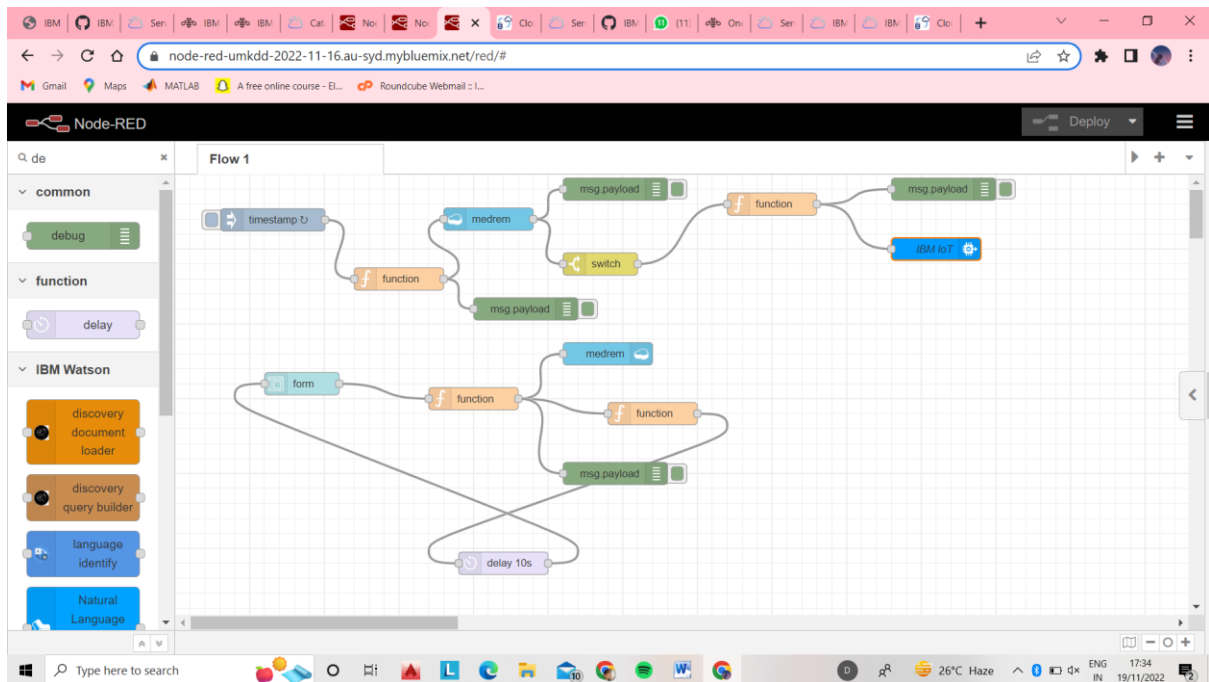


## PROJECT DEVELOPMENT PHASE

### SPRINT DELIVERY 3

Team ID	PNT2022TMID32772
Project Name	Project – PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT

#### CREATE A FORM:





node-red-umkdd-2022-11-16.au-syd.mybluemix.net/red/#

Node-RED

Flow 1

common

- debug

function

- delay

IBM Watson

- discovery document loader
- discovery query builder
- language identify
- Natural Language

timestamp

function

msg payload

switch

medrem

form

delay 10s

Edit delay node

Delete Cancel Done

Properties

Action Delay each message

Fixed delay

For 10 Seconds

Name

Enabled

node-red-umkdd-2022-11-16.au-syd.mybluemix.net/red/#

Node-RED

Flow 1

common

- debug

function

- delay

IBM Watson

- discovery document loader
- discovery query builder
- language identify
- Natural Language

timestamp

form

Edit form node

Delete Cancel Done

Properties

Group [Home] Medicine\_Reminder

Size auto

Label optional label

Form elements

Label	Name	Type	Required	UIRows	Remove
Enter Medicine Na	name	Text	<input checked="" type="checkbox"/>		
Time:	time	Text	<input checked="" type="checkbox"/>		
Date:	date	Text	<input checked="" type="checkbox"/>		

Enabled

## PYTHON SCRIPT:

```
medrempython.py - C:\Users\MUTHURA\Downloads\medrempython.py (3.7.4)
File Edit Format Run Options Window Help

import time
import sys
import ibmiotf.application
import ibmiotf.device
import random

#Provide your IBM Watson Device Credentials
organization = "y2uvyl"
deviceType = "medicinereminder"
deviceId = "16011601"
authMethod = "use-token-auth"
authToken = "20222023"

# Initialize GPIO
def myCommandCallback(cmd):
    print("Command received: %s" % cmd.data['command'])
    name=cmd.data['command']
    print ("Take medicine : " +name)

try:
    deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod, "auth-token": authToken}
    deviceCli = ibmiotf.device.Client(deviceOptions)
    #.....

except Exception as e:
    print("Caught exception connecting device: %s" % str(e))
    sys.exit()

# Connect and send a datapoint "hello" with value "world" into the cloud as an event of type "greeting" 10 times
deviceCli.connect()

while True:
    #Get Sensor Data from DHT11
    deviceCli.commandCallback = myCommandCallback

# Disconnect the device and application from the cloud
deviceCli.disconnect()
```