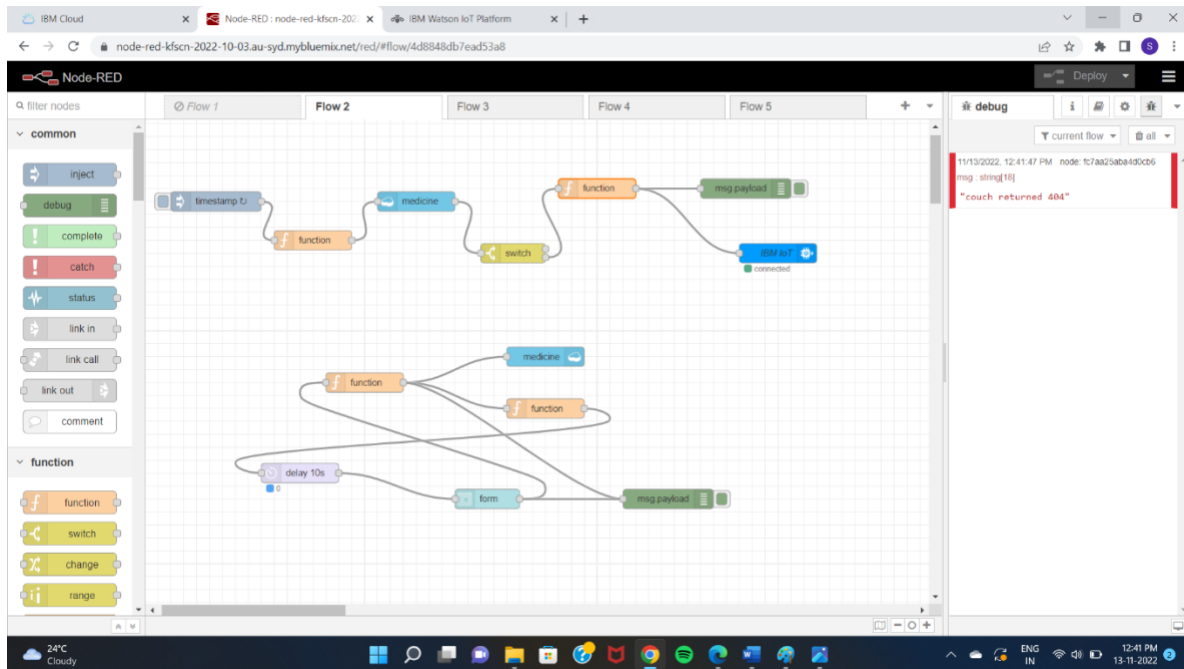


## Sprint-2

Date	13 November 2022
Team ID	PNT2022TMID08180
Project Name	Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	4 Marks

### Node-RED Flow



### Updating Medicine details in the Form which is available in Web UI

The screenshot shows the 'Medicine\_Reminder' web application. The form is titled 'Medicine\_UI' and contains the following fields: 'Enter the Medicine \*' with the value 'Azithromycin', 'Time(HH:mm)[24hrs \*]' with the value '12:44', and 'Date(MM-yyyy) \*' with the value '13-11-2022'. Below the form are two buttons: 'SUBMIT' and 'RESET'. The top navigation bar is blue and contains the text 'Medicine\_Reminder'. The bottom status bar shows the system clock and weather.

## Displaying the Medicine name in the Debug Message at intake time which was uploaded in the Form

The screenshot shows the Node-RED web interface. The flow diagram consists of several nodes: a 'timestamp' node, a 'function' node, a 'medicine' node, a 'switch' node, another 'function' node, a 'delay 10s' node, a 'form' node, and a 'msg.payload' node. The debug console on the right displays the following messages:

```
11/13/2022, 12:41:47 PM node:fc7aa25ba4d0cb6
msg: string[16]
" Couch returned 404"

11/13/2022, 12:42:38 PM node:5e8e5274b06b794e
msg: payload: Object
{ name: "Azithromycin", time: "12:44", date: "13-11-2022" }

11/13/2022, 12:42:39 PM node:5e8e5274b06b794e
msg: payload: Object
{ _id: "13-11-2022 12:44", name: "Azithromycin" }

11/13/2022, 12:42:47 PM node:fc7aa25ba4d0cb6
msg: string[16]
" Couch returned 404"

11/13/2022, 12:43:47 PM node:fc7aa25ba4d0cb6
msg: string[16]
" Couch returned 404"

11/13/2022, 12:44:47 PM node:2763d33b68c2ee2
msg: string[16]
" command: "Azithromycin"

11/13/2022, 12:45:47 PM node:fc7aa25ba4d0cb6
msg: string[16]
" Couch returned 404"
```

## At desired time the medicine name is send to IOT device in the IBM IOT Platform

The screenshot shows the IBM Watson IoT Platform interface. The 'Recent Events' tab is selected, displaying a table of events:

Event	Value	Format	Last Received
event_1	{ "command": "Azithromycin" }	json	a few seconds ago

At the bottom of the interface, it indicates '1 Simulation running'.

## Event Payload in IBM Watson IOT platform

The screenshot shows the IBM Watson IoT Platform interface. A modal window titled "Event Payload" is open, displaying the following information:

- Event Name: event\_1
- Time Received: Nov 13, 2022 12:44 PM
- Event Payload (JSON):

```
1 {  
2   "command": "Azithromycin"  
3 }
```

The background interface shows a list of devices with columns for Device ID and Status. The device with ID 200119 is selected. The bottom status bar indicates "1 Simulation running".

## Medicine name Stored in database as

The screenshot shows the IBM Watson IoT Platform database interface. The database entry for the medicine name is displayed as follows:

```
1 {  
2   "_id": "13-11-2022 12:44",  
3   "_rev": "1-68db74893fc3dc48a0d9a66b9350f43b",  
4   "name": "Azithromycin"  
5 }
```

The interface includes a "Save Changes" button and a "Cancel" button. The bottom status bar shows the time as 02:00 PM on 13-11-2022.