Project Development Phase

Project Development – Delivery of Sprint-1
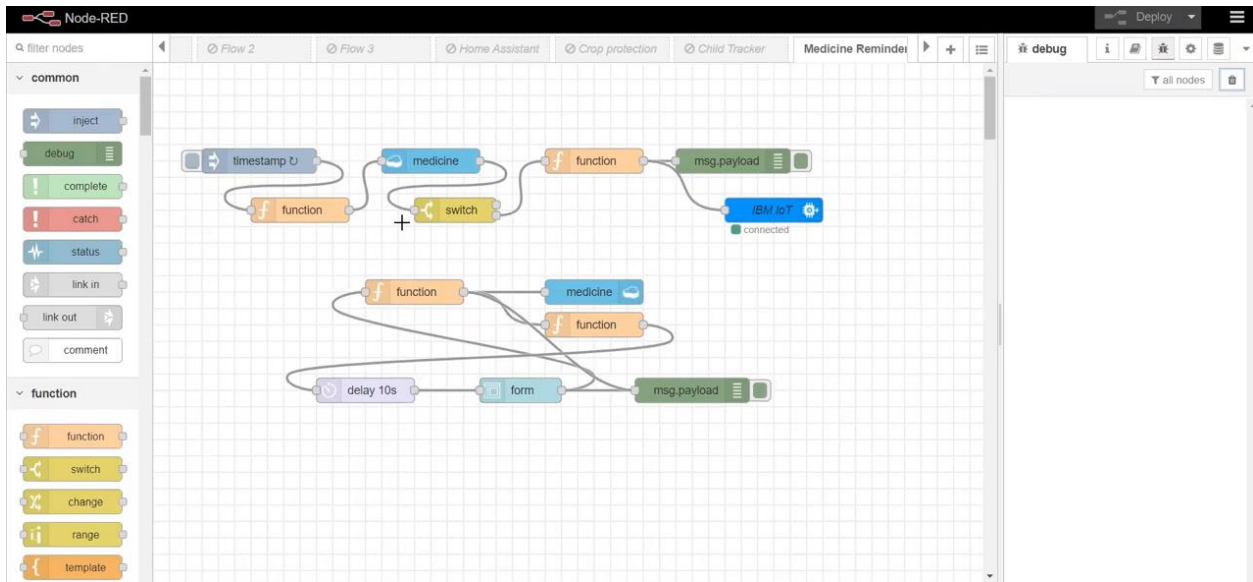
Date	14 November 2022
Team ID	PNT2022TMID11020
Project Name	Project – Smart medicine reminder for elderly people

Step 1 :Creating IOT Watson and add Devices:

Step 2:Create node red service to remind the medicine giving alert

Screenshot 1 (Node-RED editor):

Node-RED | Deploy

Flow 2 | Flow 3 | Home Assistant | Crop protection | Child Tracker | Medicine Reminder

debug | all nodes

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

function
- function
- switch
- change
- range
- template

Flow nodes: timestamp ↻ — function — medicine — switch — function — msg.payload — IBM IoT (connected)

function — medicine — function — delay 10s — form — msg.payload

Screenshot 2 (Edit function node):

Edit function node

Delete | Cancel | Done

⚙ Properties

Name | Name

Setup | Function | Close

```
1  var d=msg.payload.date
2  var t=msg.payload.time
3  msg.payload = {
4      "_id":d+" "+t,
5      "name":msg.payload.name,
6  }
7
8  return msg;
```

debug | all nodes

4/5/2021, 12:23:00 PM node: a2e5a32f.181da
msg : string[18]
"couch returned 404"

Screenshot 3 (Edit function node):

Edit function node

Delete | Cancel | Done

⚙ Properties

Name | Name

Setup | Function | Close

```
1   var d = new Date();
2   var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
3   var offset = 5.5;
4   newDate = new Date(utc + (3600000*offset));
5   var n=newDate.toISOString()
6   var date = n.slice(0,10)
7   var time = n.slice(11,16)
8   global.set('time',time)
9   msg.payload=date+" "+time
10  return msg;
11
```

⇄ Outputs | 1

debug | all nodes

4/5/2021, 12:23:00 PM node: a2e5a32f.181da
msg : string[18]
"couch returned 404"

4/5/2021, 12:24:00 PM node: a2e5a32f.181da
msg : string[18]
"couch returned 404"

4/5/2021, 12:25:00 PM node: a2e5a32f.181da
msg : string[18]
"couch returned 404"

Step 3:Create a database using Cloudant DB:-

Databases

Your Databases

Name	Size	# of Docs	Partitioned	Actions
node	19 bytes	1	No	
sample	14 bytes	1	No	

Showing 1–2 of 2 databases. Databases per page 20

Log Out