

## PROJECT DEVELOPMENT PHASE

### DELIVERY OF SPRINT 3

Date	11 NOV 2022
Team ID	PNT2022TMID07000
Project name	Personal Assistance For Seniors Who Are Self-Reliant
Team Members	Dharshini B, Indhirani S, Jayameenakshi S, Jayapriya G, Varshini S
College Name	Government College of Technology, Coimbatore.

#### ✚ Scheduling medicine name and intake time:

Node-RED Dashboard

node-red-wrmkf-2022-10-22.eu-gb.mybluemix.net/ui/#/0?socketid=mosc6UjlyjtWbnf6AAAZ

⋮ Add Medicine

Medicine Reminder

Medicine Name \*  
Aspirine

Time \*  
01:04

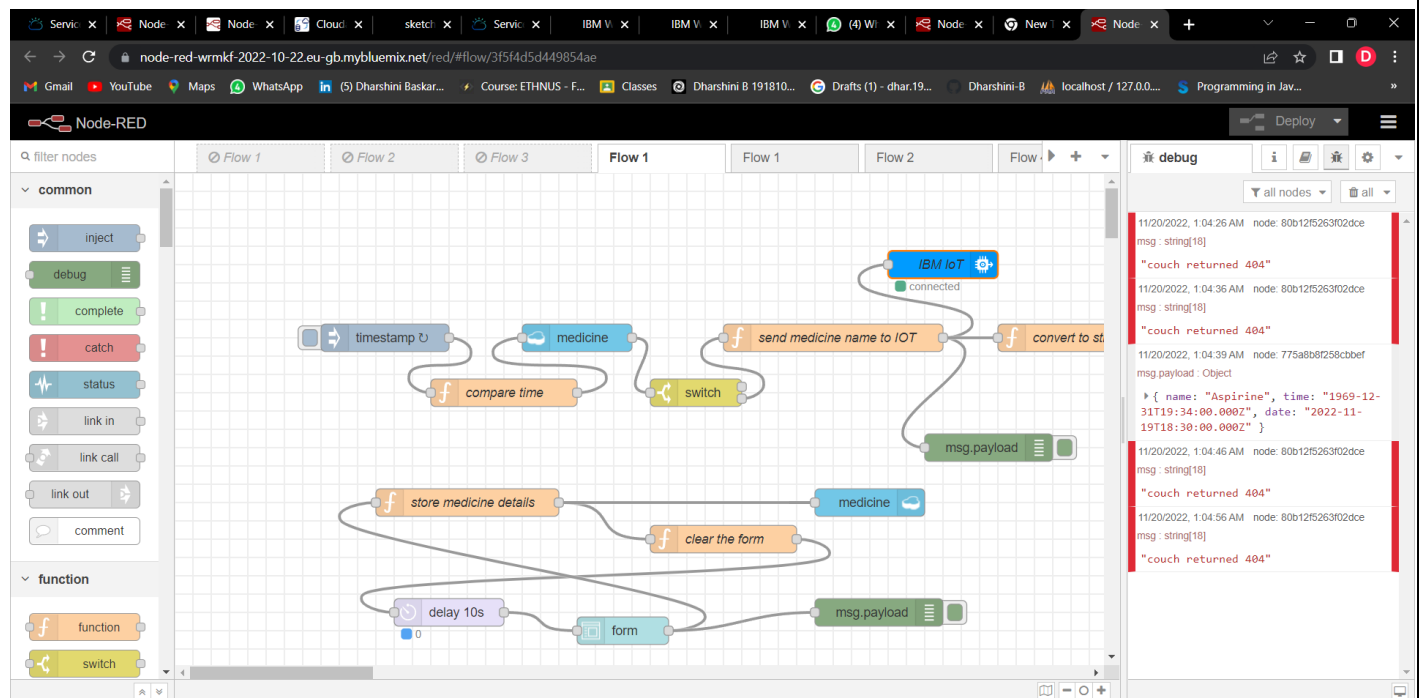
Date \*  
20-11-2022

SUBMIT CANCEL

24°C Partly cloudy

ENG IN 01:02 20-11-2022

#### ✚ Medicine details displayed in Node-Red debug window:



✚ **Medicine details pushed and displayed in IBM Cloudant db:**

Service x Node x Node x Cloud x sketch x Service x IBM V x IBM V x IBM V x (4) Wi x Node x New x Node x +

15e4c53d-5af6-460a-ac5d-1d371423c7a0-bluemix.cloudant.com/dashboard.html#/database/medicine/\_all\_docs

Gmail YouTube Maps WhatsApp (5) Dharshini Baskar... Course: ETHNUS - F... Classes Dharshini B 191810... Drafts (1) - dhar.19... Dharshini-B localhost / 127.0.0... Programming in Jav...

medicine

Document ID Options {} JSON

All Documents +

Query

Permissions

Changes

Design Documents +

2022-11-19 20:56

paracetamol

2022-11-19 21:03

dolo

2022-11-19 21:11

dolo

2022-11-19 21:18

Rexin

2022-11-19 23:02

Chloroform

2022-11-19 23:41

amaxilin

2022-11-19 23:55

Dolo650

2022-11-19 23:59

Paracetamol

2022-11-21 00:39

Cettrizine

2022-11-21 00:40

Amoxilin

2022-11-21 01:04

Aspirine

2022-11-21 20:13

dolo650

2022-11-22 20:18

paracetomeol

Showing 2 of 3 columns. Show all columns.

Showing document 1 - 17. Documents per page: 20

sprint 2 (1).docx sprint 2.docx Personal Assistan....docx Show all

Service x Node x Node x Cloud x sketch x Service x IBM V x IBM V x IBM V x (4) Wi x Node x New x Node x +

15e4c53d-5af6-460a-ac5d-1d371423c7a0-bluemix.cloudant.com/dashboard.html#/database/medicine/2022-11-21%2001%3A04

Gmail YouTube Maps WhatsApp (5) Dharshini Baskar... Course: ETHNUS - F... Classes Dharshini B 191810... Drafts (1) - dhar.19... Dharshini-B localhost / 127.0.0... Programming in Jav...

medicine > 2022-11-21 01:04

{} JSON

Save Changes Cancel

Upload Attachment Clone Document Delete

1

2

3

4

5

"\_id": "2022-11-21 01:04",

"\_rev": "1-6117538986acd73811be55372524486e",

"name": "Aspirine"

Log Out

sprint 2 (1).docx sprint 2.docx Personal Assistan....docx Show all

24°C Partly cloudy

ENG IN

01:06 20-11-2022

**Scheduled Aspirine medicine to be take at 01:04**

```
11/20/2022, 12:40:09 AM node: 775a8b8f258cbbef
msg.payload : Object
  ▼ object
    name: "Amaxilin"
    time: "1969-12-31T19:10:00.000Z"
    date: "2022-11-19T18:30:00.000Z"
```

✚ Medicine name sent to ESP32 on the scheduled time 23:00:

The screenshot shows the Wokwi IoT simulator interface. On the left, the 'sketch.ino' file is open, displaying C++ code for an ESP32. The code includes comments for IBM Watson IoT Platform credentials and a callback function. The right side of the interface shows a 3D simulation of an ESP32 board connected to a screen. The screen displays the text 'TakeParacetamol'. Below the simulation, a console window shows the following output:

```
10.10.0.2
Reconnecting client to telvcf.messaging.internetofthings.ibmcloud.com
iot-2/cmd/command/fmt/String
subscribe to cmd OK
callback invoked for topic: iot-2/cmd/command/fmt/String
Please take Paracetamol
```

### Conclusion:

Hardware implementation phase is successfully completed

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