

## Project Development Phase Sprint 3

Date	16 November 2022
Team ID	PNT2022TMID32584
Project Name	Project – Personal Assistance for Seniors Who are Self Reliant.

### Function to compare a time:

The screenshot displays the Node-RED web interface in a browser. The top bar shows various tabs and the URL: `node-red-ayam-2022-11-09-eu-gb.mybluemix.net/red/#flow/d54eed2577be6813`. The main workspace shows a flow with several nodes: a 'timestamp' node, a 'function' node, a 'msg.payload' node, a 'switch' node, a 'form' node, and a 'delay 10s' node. The 'Edit function node' panel is open on the right, showing the following JavaScript code:

```
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;
```

The bottom of the screen shows the Windows taskbar with the search bar, application icons, and system tray information including the date and time: 12:32, 17-11-2022.

Service x Cloud x IBM x Node x IBM x (no s x Down x IBM x New x (136 x Build x Node x +

node-red-auyam-2022-11-09.eu-gb.mybluemix.net/red/#flow/d54eed2577be6813

Node-RED

Deploy

filter nodes

Flow 1Flow 2Flow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

timestamp

pac

msg.payload

switch

function

msg.payload

form

function

function

msg.payload

delay 10s

function

switch

Enabled

Edit function node

DeleteCancelDone

Properties

NameName

SetupOn StartOn MessageOn Stop

1msg.payload={"command":msg.payload.name}

2return msg;

Activate Windows  
Go to Settings to activate Windows.

Enabled

Type here to search

29°C

ENG

12:32

17-11-2022

node-red-auyam-2022-11-09.eu-gb.mybluemix.net/red/#flow/d54eed2577be6813

Node-RED

filter nodes

common

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

function

- function
- switch

Flow 1

Flow 2

Flow 1

timestamp

pac

msg.payload

switch

function

form

function

function

msg.payload

msg.payload

delay 10s

Edit function node

Delete

Cancel

Done

Properties

Name

Setup

On Start

On Message

On Stop

```
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 return msg;
```

Enabled

Activate Windows  
Go to Settings to activate Windows.

Type here to search

29°C

12:32  
17-11-2022

node-red-auyam-2022-11-09.eu-gb.mybluemix.net/red/#flow/d54eed2577be6813

Node-RED

Deploy

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

Flow 1

Flow 2

Flow 1

timestamp

pac

msg payload

switch

function

msg payload

pac

function

function

msg payload

form

delay 10s

Edit function node

Delete

Cancel

Done

Properties

Name

Setup

On Start

On Message

On Stop

```
1 msg.payload={
2   "date":"","
3   "name":"","
4   "time":"","
5 }
6 return msg;
```

Enabled

Type here to search

29°C

ENG

12:32

17-11-2022

node-red-auyam-2022-11-09-eu-gb.mybluemix.net/red/#flow/d54eed2577be6813

Node-RED

Deploy

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

Flow 1

Flow 2

Flow 1

Flow 1

timestamp

pac

msg.payload

function

switch

function

form

function

pac

function

msg.payload

delay 10s

Edit cloudant out node

Delete

Cancel

Done

Properties

Service

node-red-auyam-2022--cloudant-166795887

Database

pac

Operation

insert

☒ Only store msg.payload object?

Name

Name

Enabled

Activate Windows

Go to Settings to activate Windows.

Type here to search

29°C

12:33

17-11-2022



