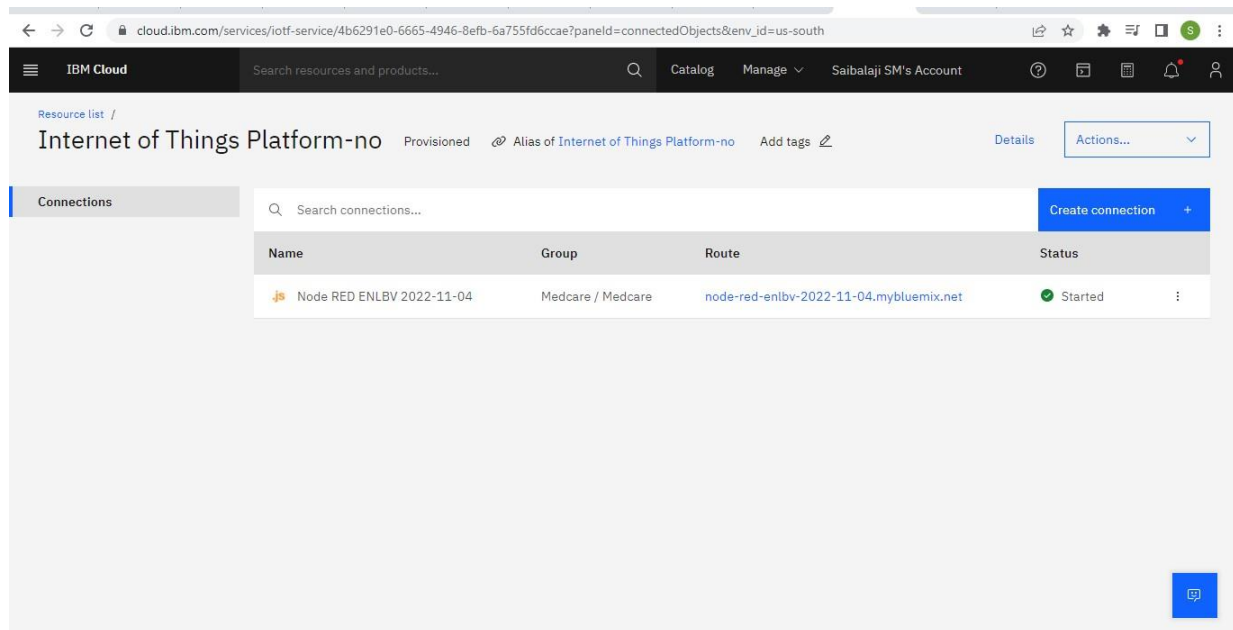


# Sprint-2

**Teamid:**PNT2022TMID25143

**Project title:** Personal Assistance for seniors whoareSelf-reliant

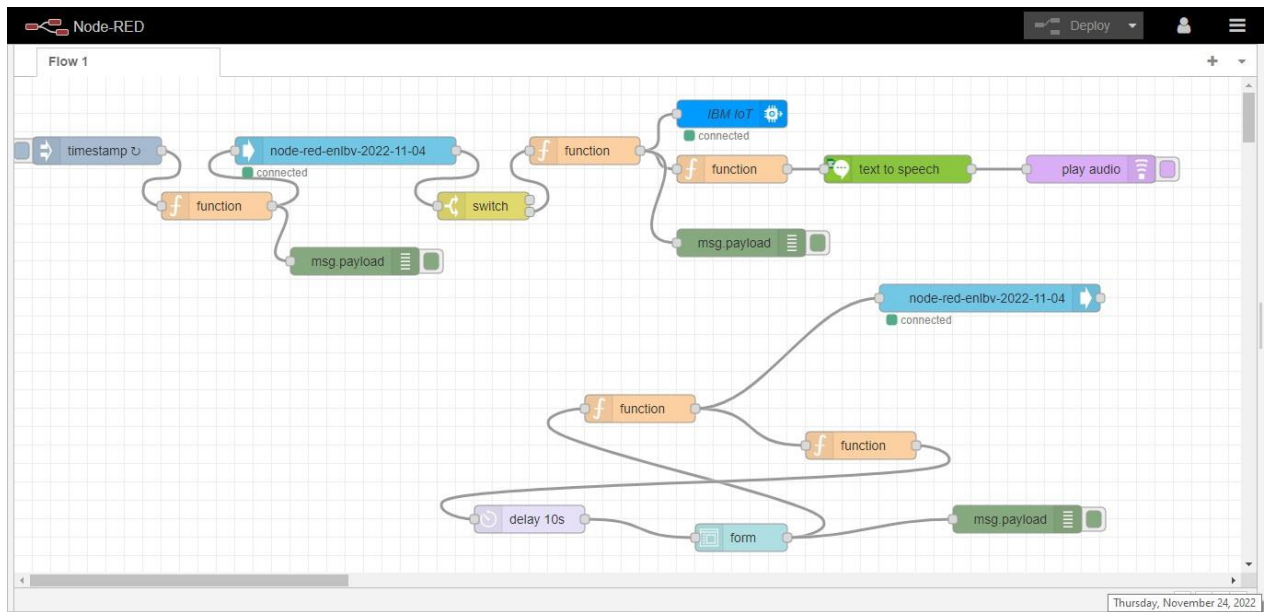
## 1.Createa deviceinIBMWatsonIOTPlatform



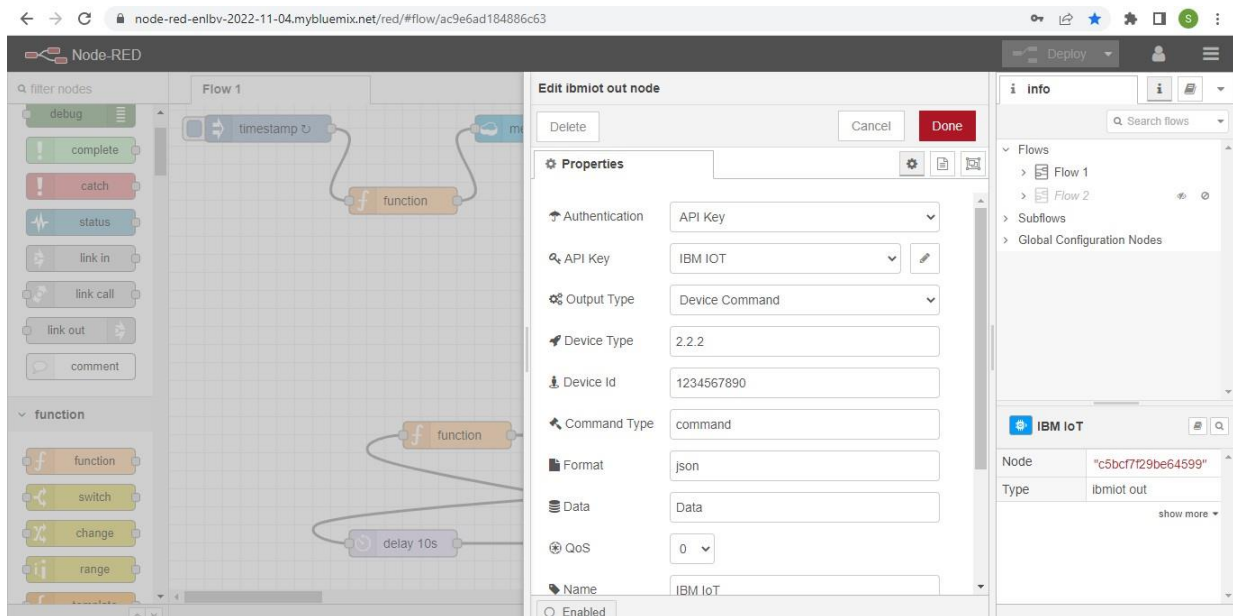
The screenshot displays the IBM Cloud IoT Platform interface. The browser address bar shows the URL: `cloud.ibm.com/services/iotf-service/4b6291e0-6665-4946-8efb-6a755fd6ccae?panelId=connectedObjects&env_id=us-south`. The IBM Cloud header includes a search bar, 'Catalog', 'Manage', and the user 'Saibalaji SM's Account'. The main content area shows the 'Resource list' for 'Internet of Things Platform-no', which is 'Provisioned'. Below this, the 'Connections' tab is active, displaying a table of connections. The table has columns for Name, Group, Route, and Status. One connection is listed: 'Node RED ENLBV 2022-11-04' in the 'Medcare / Medcare' group, with the route 'node-red-enlbv-2022-11-04.mybluemix.net' and a status of 'Started'. A 'Create connection' button is visible in the top right of the connections list.

Name	Group	Route	Status
Node RED ENLBV 2022-11-04	Medcare / Medcare	node-red-enlbv-2022-11-04.mybluemix.net	Started

## 2. CreateNode-RedService



### 3. Adding IBM IoT Credentialsto connectwithvirtualdevices



## 4. Function to Store the Medicine data in Json format

The screenshot shows the Node-RED web interface. The left sidebar contains a palette of nodes, including 'function'. The main workspace shows a flow with a 'timestamp' node connected to a 'function' node. The 'Edit function node' dialog is open, displaying the following JavaScript code:

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

The 'Properties' section shows the node name as 'Name'. The 'On Message' tab is selected. The right sidebar shows the 'Info' panel with the node ID 'ae3740ed090a2' and type 'function'.

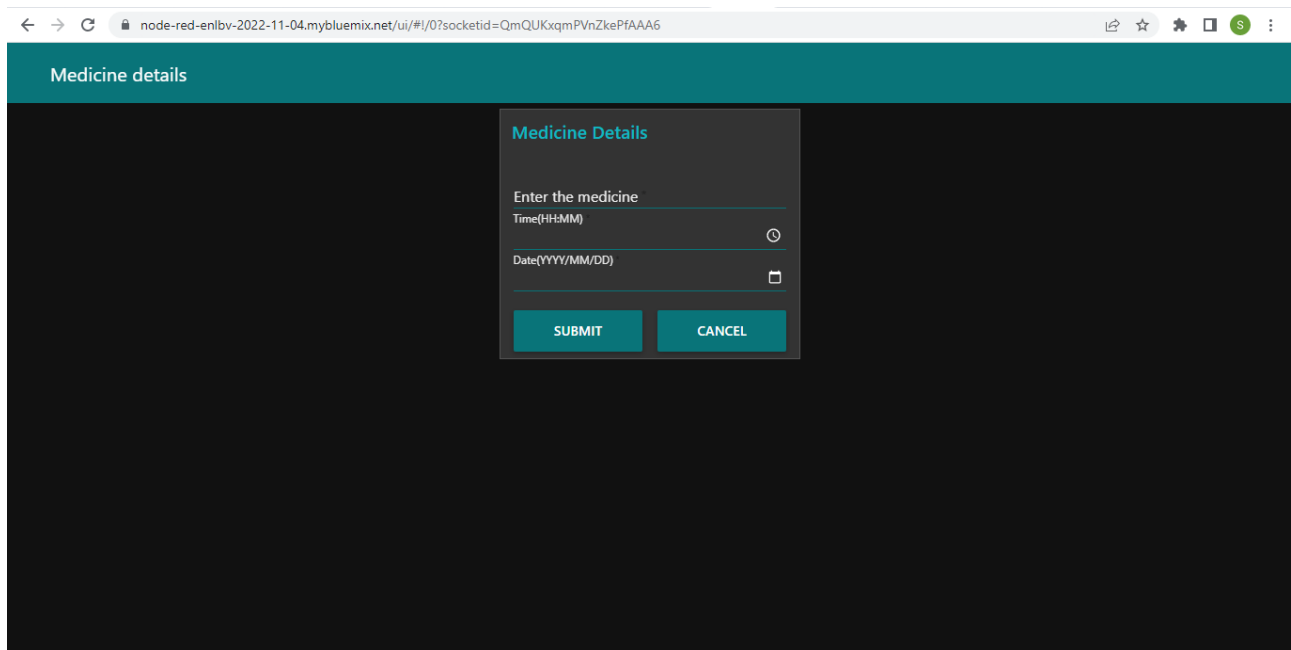
## 5. Compare the Present time with Stored time in cloudant

The screenshot shows the Node-RED web interface. The left sidebar contains a palette of nodes, including 'function'. The main workspace shows a flow with a 'timestamp' node connected to a 'function' node. The 'Edit function node' dialog is open, displaying the following JavaScript code:

```
1 var d=msg.payload.date  
2 var t=msg.payload.time  
3 var date=d.slice(0,10)  
4 var time=t.slice(10,25)  
5 var hit=new Date(date+time)  
6 hit.setDate(hit.getDate()+1);  
7 var utc=hit.getTime()+(hit.getTimezoneoffset()*60000);  
8 var offset=5.5  
9 newDate= new Date(utc+(3600000*offset));  
10 var n=newDate.toISOString()  
11 var da=n.slice(0,10)  
12 var ti=n.slice(11,16)  
13 msg.payload={  
14   "id":da+" "+ti,  
15   "name":msg.payload.name,  
16 }  
17 return msg;
```

The 'Properties' section shows the node name as 'Name'. The 'On Message' tab is selected. The right sidebar shows the 'Info' panel with the node ID 'a7d08bb7e7e4d' and type 'function'.

## 6. Form to Get the UserData:



Medicine details

**Medicine Details**

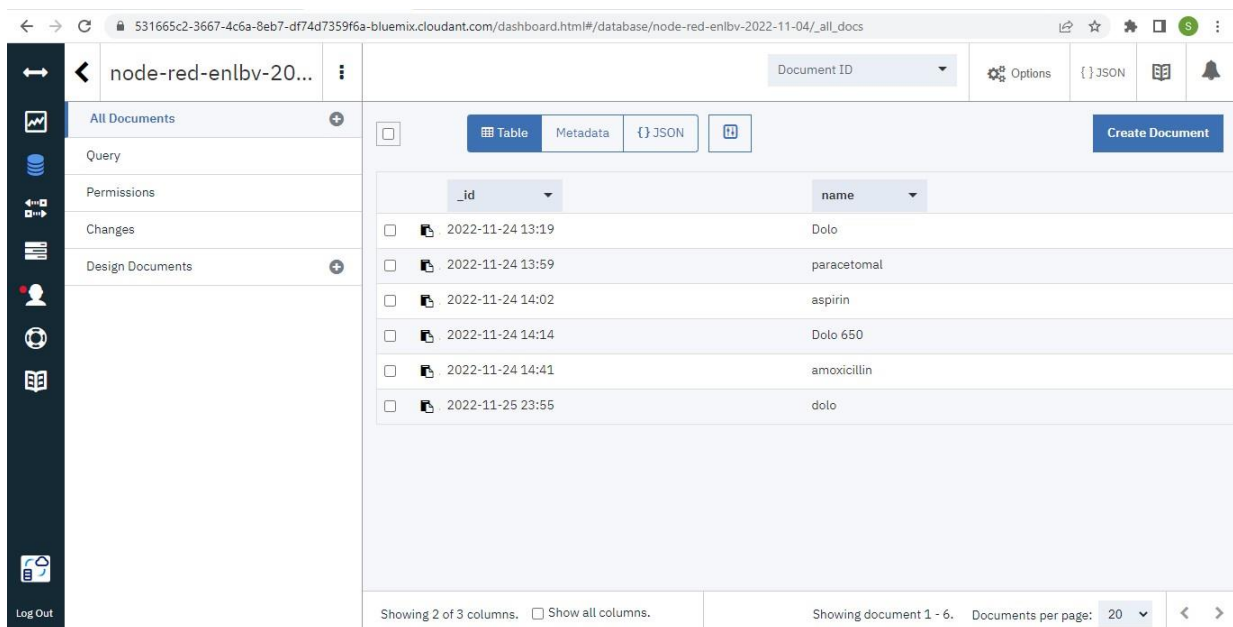
Enter the medicine

Time(HH:MM)

Date(YYYY/MM/DD)

SUBMIT CANCEL

## 7. After getting the data from form, store it in cloudant database (node-red-enlbv-2022-11-04)



node-red-enlbv-2022-11-04

Document ID

Options {} JSON

Create Document

	_id	name
<input type="checkbox"/>	2022-11-24 13:19	Dolo
<input type="checkbox"/>	2022-11-24 13:59	paracetomal
<input type="checkbox"/>	2022-11-24 14:02	aspirin
<input type="checkbox"/>	2022-11-24 14:14	Dolo 650
<input type="checkbox"/>	2022-11-24 14:41	amoxicillin
<input type="checkbox"/>	2022-11-25 23:55	dolo

Showing 2 of 3 columns. ☐ Show all columns.

Showing document 1 - 6. Documents per page: 20

