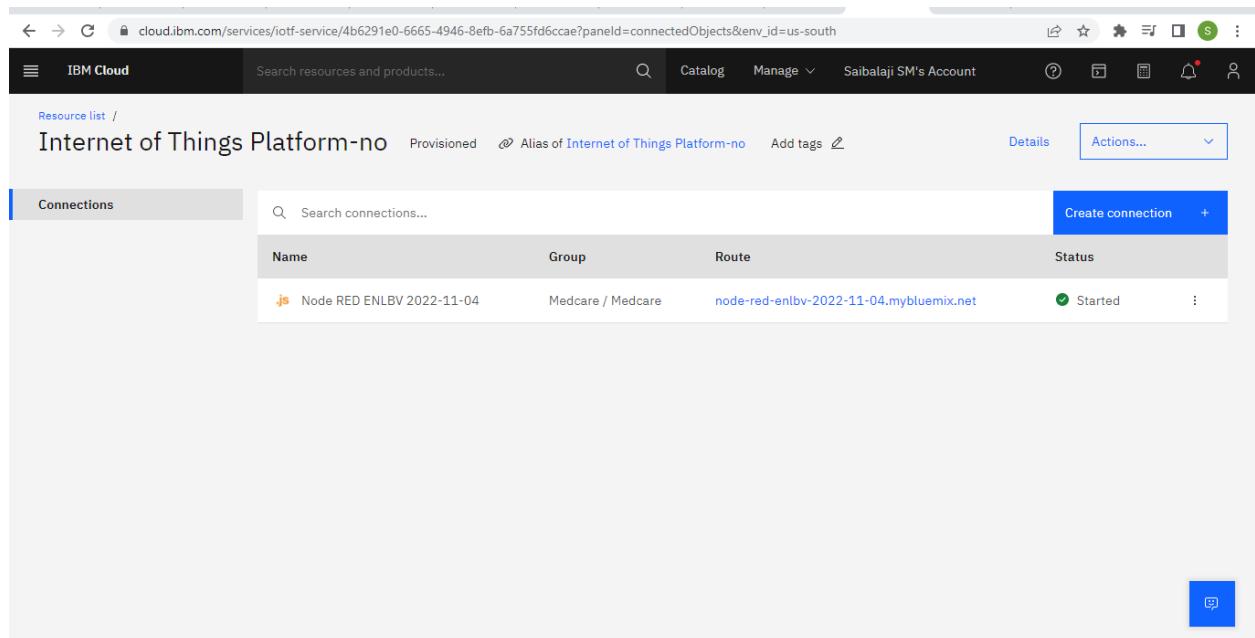


Sprint-2



Team id: PNT2022TMID42603

Project title: Personal Assistance for seniors who are Self-reliant

1.Create a device in IBM Watson IOT Platform

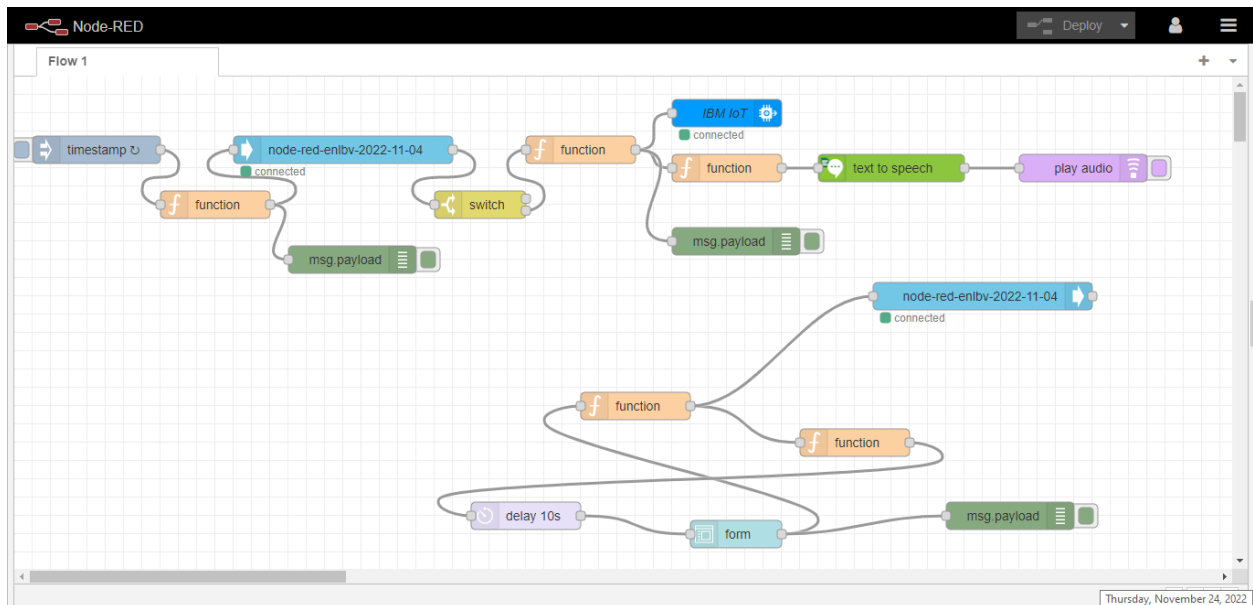


The screenshot displays the IBM Cloud IoT Platform interface. The browser address bar shows the URL: `cloud.ibm.com/services/iotf-service/4b6291e0-6665-4946-8efb-6a755fd6ccae?panelId=connectedObjects&env_id=us-south`. The IBM Cloud header includes a search bar, navigation links (Catalog, Manage), and the user account 'Saibalaji SM's Account'. The main content area shows the 'Internet of Things Platform-no' resource, which is 'Provisioned'. A sidebar on the left highlights the 'Connections' tab. The 'Connections' table lists one connection:

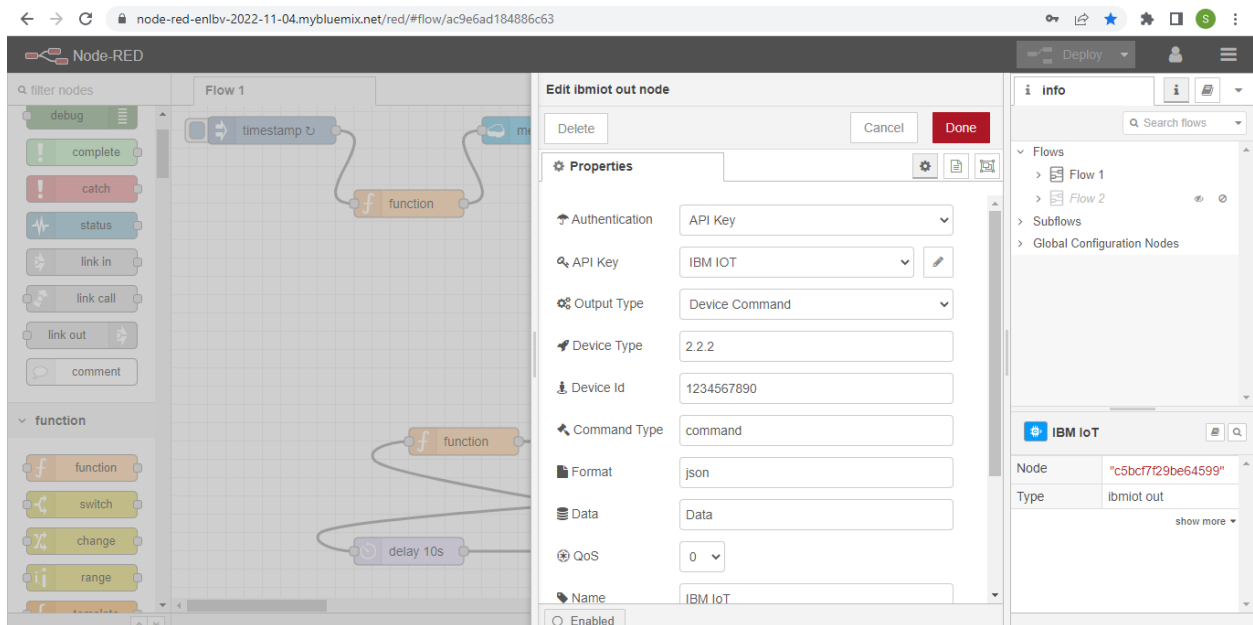
Name	Group	Route	Status
 Node RED ENLBV 2022-11-04	Medcare / Medcare	node-red-enlbv-2022-11-04.mybluemix.net	 Started

A 'Create connection' button with a plus icon is located in the top right of the connections list. A search bar for connections is also present at the top of the table.

2. Create Node-Red Service



3. Adding IBM IOT Credentials to connect with virtual devices



4. Function to Store the Medicine data in Json format

The screenshot shows the Node-RED web interface. On the left, the 'function' node is selected from the palette. In the center, the 'Edit function node' dialog is open, showing a JavaScript function that constructs a JSON object from the message payload. The function is as follows:

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

On the right, the 'info' sidebar shows the node's details, including its ID 'ae3740ed090a2d5d' and type 'function'.

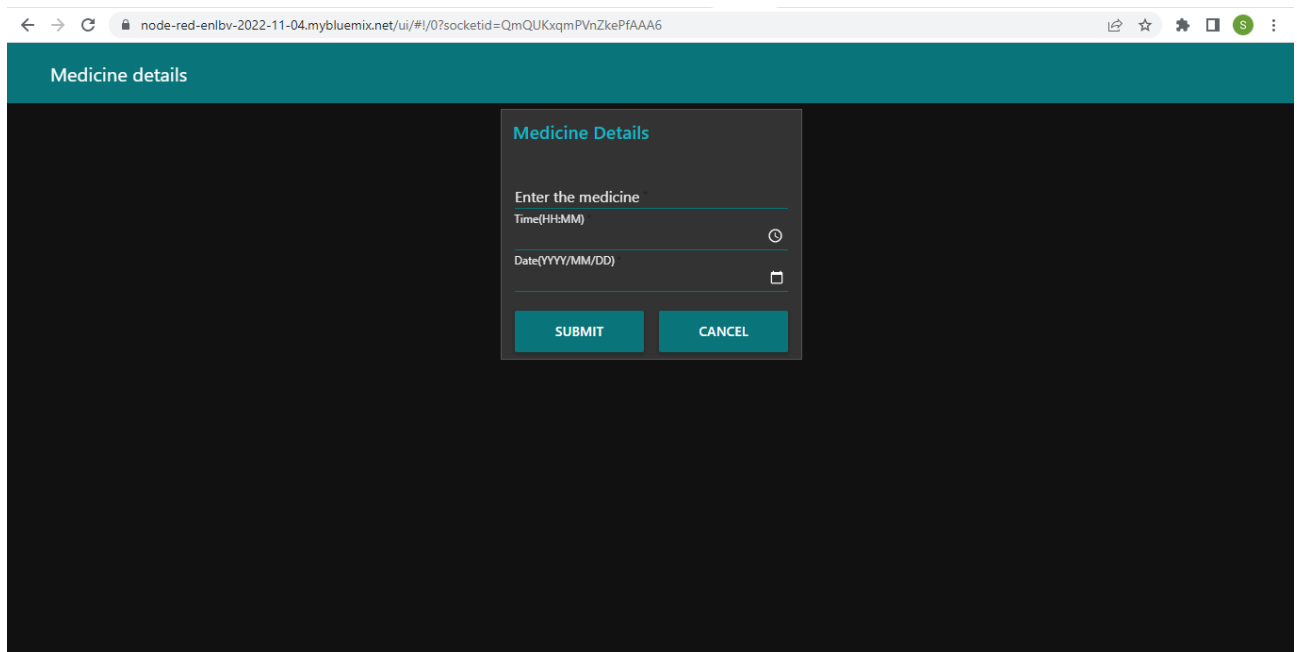
5. Compare the Present time with Stored time in cloudant

The screenshot shows the Node-RED web interface. On the left, the 'function' node is selected from the palette. In the center, the 'Edit function node' dialog is open, showing a JavaScript function that compares the current time with the stored time in Cloudant. The function is as follows:

```
1 var d=msg.payload.date  
2 var t=msg.payload.time  
3 var date=t.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;
```

On the right, the 'info' sidebar shows the node's details, including its ID 'a7d08bb7e7e4d9cc' and type 'function'.


6. Form to Get the User Data:




Medicine details

Medicine Details

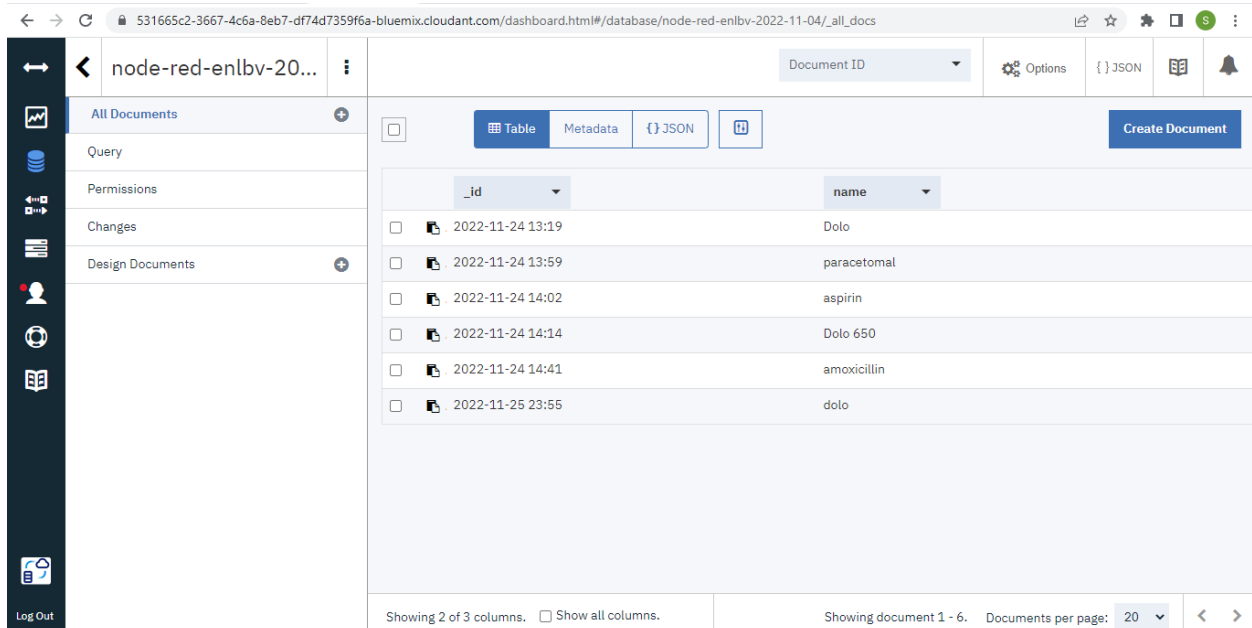
Enter the medicine

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-20...

Document ID Options {} JSON  



All Documents +

Query

Permissions

Changes

Design Documents +

 Table Metadata {} 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 