

## Project Development Phase

### Project Development – Delivery of Sprint-1

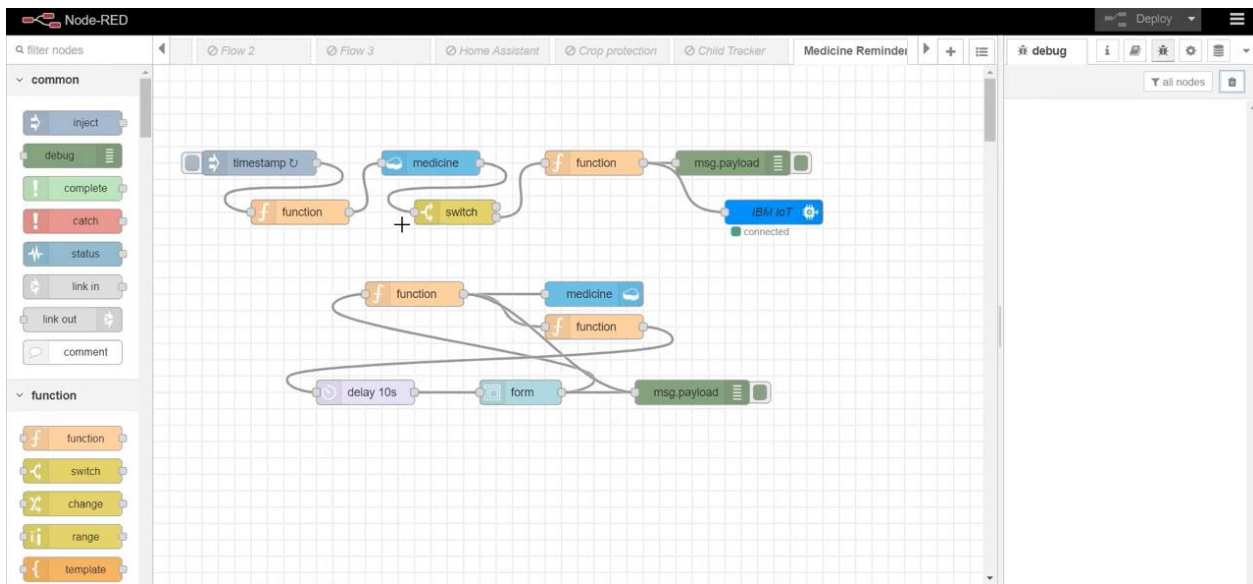
Date	19 November 2022
Team ID	PNT2022TMID11020
Project Name	Project – Personal Assistant For Seniors Who Are Self Reliant

#### Step 1 :Creating IOT Watson and add Devices:

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a list of devices, with one device selected and its details expanded. The device is identified by ID '123456' and is in a 'Disconnected' state. The 'Recent Events' tab is active, showing a table of events. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'. Two events are listed, both with the value '{"randomNumber":80}' and '{"randomNumber":215}' respectively, in 'json' format, received 'a few seconds ago'. A notification at the bottom right indicates '1 Simulation running'.

Event	Value	Format	Last Received
event_1	{"randomNumber":80}	json	a few seconds ago
event_1	{"randomNumber":215}	json	a few seconds ago

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



**Edit function node**

Properties

Name:

Function

```
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

```
4/5/2021, 12:23:00 PM node: a2e5a32f 181da
msg: string[18]
"ouch returned 484"
```

**Edit function node**

Properties

Name:

Function

```
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
11 return msg;
```

debug

```
4/5/2021, 12:23:00 PM node: a2e5a32f 181da
msg: string[18]
"ouch returned 484"
4/5/2021, 12:24:00 PM node: a2e5a32f 181da
msg: string[18]
"ouch returned 484"
4/5/2021, 12:25:00 PM node: a2e5a32f 181da
msg: string[18]
"ouch returned 484"
```

### Step 3: Create a database using Cloudant DB:-

The image shows two screenshots of the IBM Cloud interface. The top screenshot is the 'Cloudant' service page in the IBM Cloud catalog, showing the 'Create' button and a summary of the 'Cloudant Lite' plan. The bottom screenshot is the 'Cloudant-hk' service overview page, displaying deployment details such as CRN, Location, and External endpoints.

**Top Screenshot: IBM Cloud Catalog - Cloudant Service**

**Summary**

Plan	Reads/sec	Writes/sec	Global Queries/sec	Storage	Price
Cloudant Lite	20	10	5	1 GB	Free

**Cloudant**  
A scalable JSON document database for web, mobile, IoT, and serverless applications.

**Create** | **About**

Select an offering

**Cloudant** ☒  
IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage.  
Lite plan available

Select an environment

**Sign up to create**  
**Add to estimate**  
Already have an account? [Log in](#)

**Bottom Screenshot: IBM Cloud Service Overview - Cloudant-hk**

**Cloudant-hk** Active [Add tags](#)

**Manage** | **Overview** | **Capacity** | **Docs** **Launch Dashboard**

**Deployment details**

CRN	crn:v1:bluemix:public:cloudantnosqldb:au-syd:a/3574e8a8b08549b184c91371e9b7a504:0be2f971-3454-45b3-ac78-927d9ec34990::
Location	Sydney
External endpoint	<a href="https://bd3f4c36-da08-4490-bc03-3231e8cb42b0-bluemix.cloudant.com">https://bd3f4c36-da08-4490-bc03-3231e8cb42b0-bluemix.cloudant.com</a>
External endpoint (preferred)	<a href="https://bd3f4c36-da08-4490-bc03-3231e8cb42b0-bluemix.cloudantnosqldb.appdomain.cloud">https://bd3f4c36-da08-4490-bc03-3231e8cb42b0-bluemix.cloudantnosqldb.appdomain.cloud</a>
Authentication methods	<a href="#">IBM Cloud IAM</a>

