

Project Development Phase

Project Development – Delivery of Sprint-1

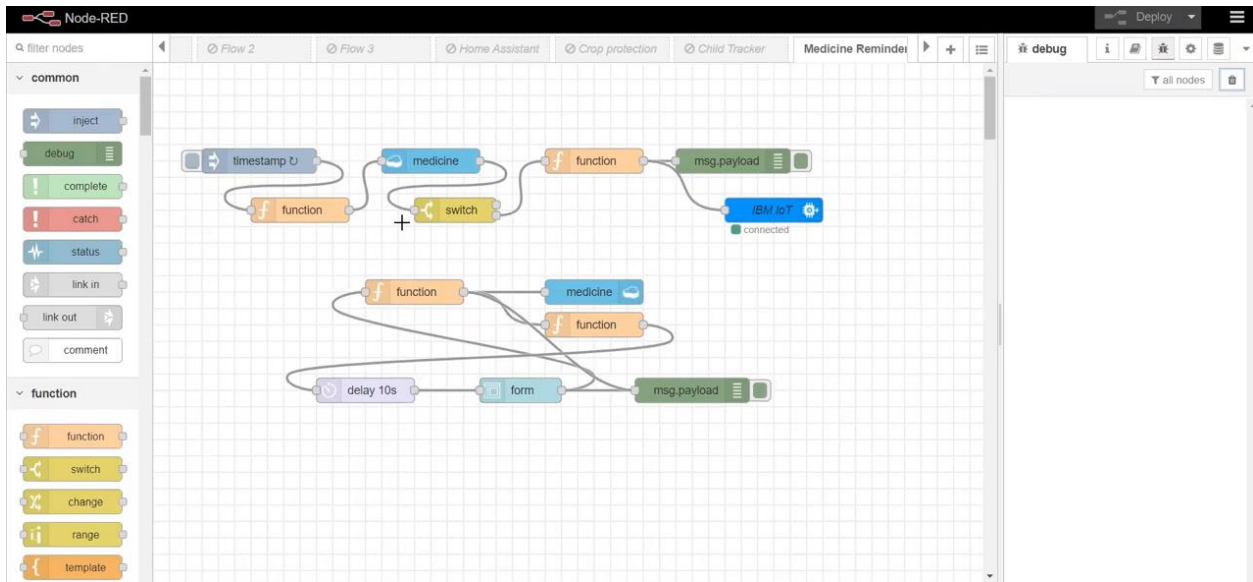
Date	14 November 2022
Team ID	PNT2022TMID11020
Project Name	Project – Smart medicine reminder for elderly people

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 a value of '{"randomNumber":80}' and a format of 'json'. The 'Last Received' column indicates 'a few seconds ago'. A notification at the bottom right states '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

Delete Cancel Done

Properties

Name: Name

Setup Function Close

```
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]
"couch returned 404"

Edit function node

Delete Cancel Done

Properties

Name: Name

Setup Function Close

```
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]
"couch returned 404"

4/5/2021, 12:24:00 PM node: a2e5a32f 181da
msg: string[18]
"couch returned 404"

4/5/2021, 12:25:00 PM node: a2e5a32f 181da
msg: string[18]
"couch returned 404"

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**

Deployment details

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

Launch Dashboard

Log Out

Databases

Database name

Create Database

{ } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
node	19 bytes	1	No	
sample	14 bytes	1	No	

Showing 1-2 of 2 databases. Databases per page 20

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1

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Type here to search

24°C 23:22 18-11-2022