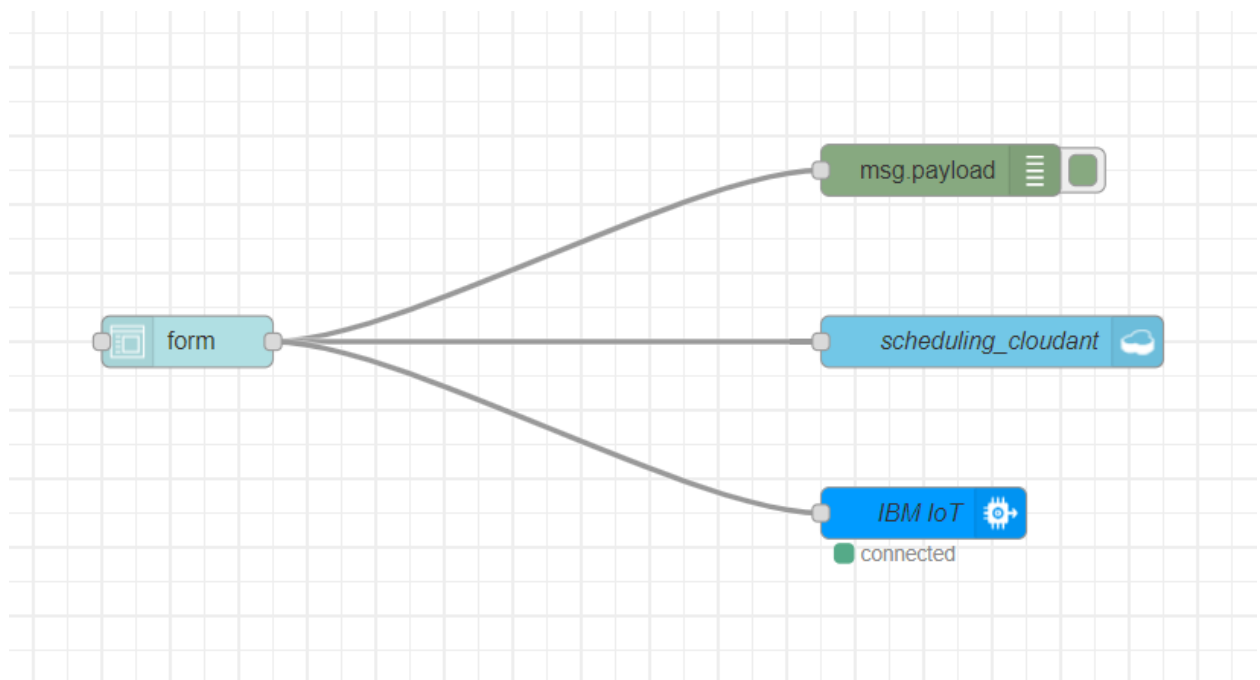


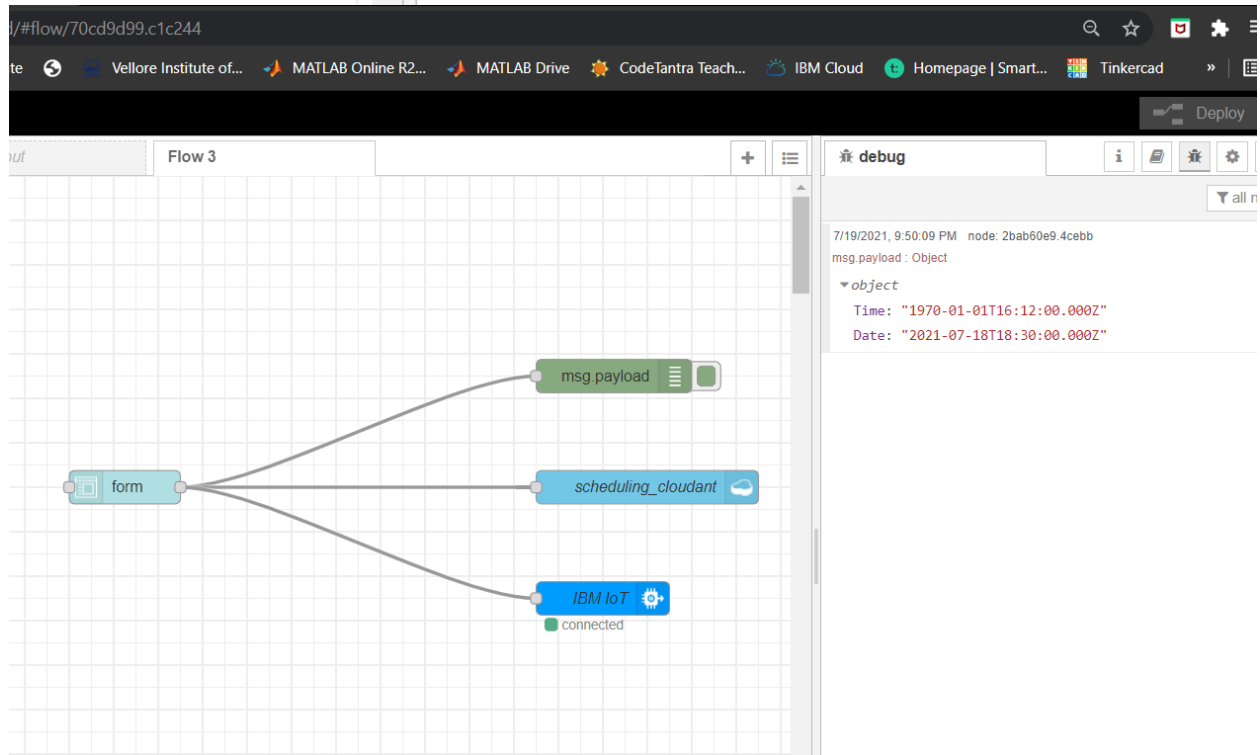
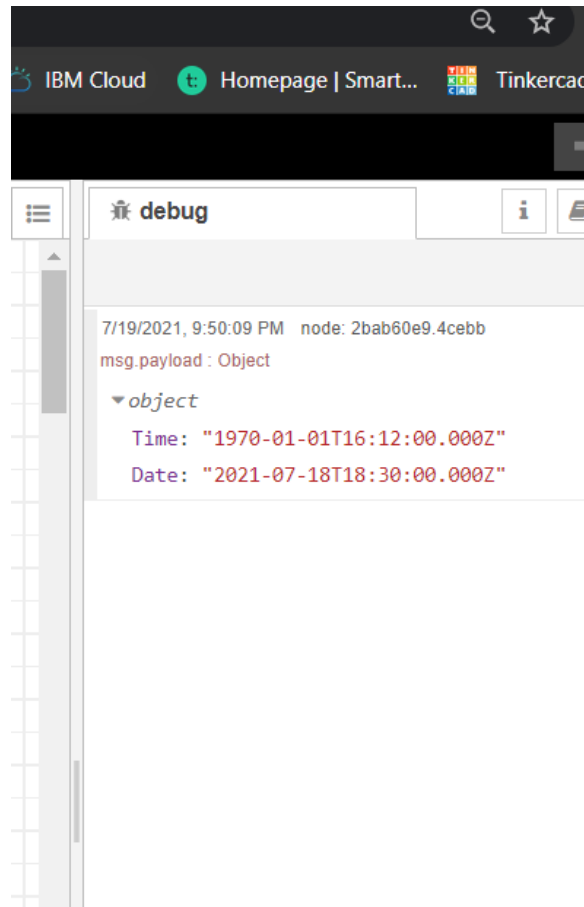
ASSIGNMENT-5

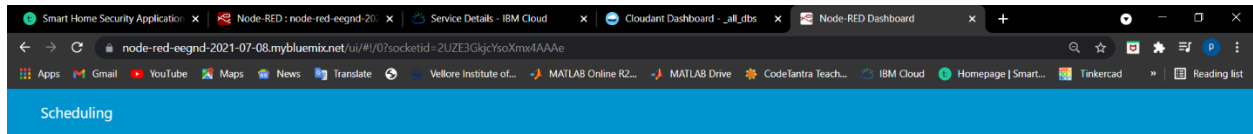
Create a web dashboard to take user input for scheduling the pump controller (date & time). store the data in the Cloudant DB.

you can use Form Nodes in dashboard nodes to take user input.

The screenshot shows the Node-RED web interface in a browser. The top bar displays several open tabs: 'Node-RED : node-red-eegnd-20...', 'Service Details - IBM Cloud', 'Cloudant Dashboard - _all_dbs', and 'Node-RED Dashboard'. The address bar shows the URL: 'node-red-eegnd-2021-07-08.mybluemix.net/red/#flow/70cd9d99.c1c244'. The main workspace shows a flow named 'Flow 3' with the following nodes: a 'form' node, a 'msg.payload' node, a 'scheduling_cloudant' node, and an 'IBM IoT' node (labeled 'connected'). The 'form' node is connected to the other three nodes. On the right, the 'debug' console shows two messages. The first message, at 7/19/2021, 9:28:59 PM, is an error: 'Failed to create database: couch returned 405'. The second message, at 7/19/2021, 9:31:05 PM, is an object: {Time: '1970-01-01T16:00:00.000Z', Date: '2021-07-18T18:30:00.000Z'}. The bottom of the screen shows a Windows taskbar with various application icons and the system clock showing 9:40 PM on 7/19/2021.







Pump Controller

Time* 09:42 PM

09 42 PM

10 43 AM

11 44

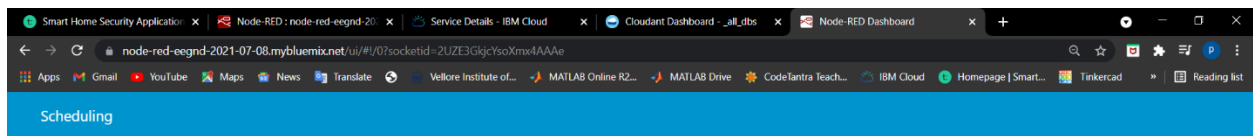
12 45

01 46

02 47

03 48

CANCEL



Pump Controller

Time* 09:42 PM

Date* mm/dd/yyyy

July 2021

Su Mo Tu We Th Fr Sa

27 28 29 30 1 2 3

4 5 6 7 8 9 10

11 12 13 14 15 16 17

18 19 20 21 22 23 24

25 26 27 28 29 30 31

1 2 3 4 5 6 7

Today

CANCEL



08.mybluemix.net/ui/#!/0?socketid=2UZE3GkjcYsoXmx4AAAe

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Pump Controller

Time *

09:42 PM



Date *

07/19/2021



SUBMIT

CANCEL

Smart Home Security Application | Node-RED : node-red-eegnd-20 | Service Details - IBM Cloud | Cloudant Dashboard - database/ | Node-RED Dashboard

51b4512e-e69d-4179-a1b6-7aef2f75ba98-bluemix.cloudant.com/dashboard.html#/database/scheduling/_all_docs

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scheduling

Document ID Options {} JSON

All Documents +

Query

Permissions

Changes

Design Documents +

Log Out

Table Metadata {} JSON

Create Document

	id	key	value
<input type="checkbox"/>	a2517e4a9a2d0b95e1fe6a684dead6b8	a2517e4a9a2d0b95e1fe6a684dead6b8	{ "rev": "1-3bef112376c68f34a78aff2b0e23cc..." }
<input type="checkbox"/>	e9fb5e6e2de916eab7048cb85ace2d61	e9fb5e6e2de916eab7048cb85ace2d61	{ "rev": "1-206a680f7202b969d492f9176505..." }

Showing document 1 - 2. Documents per page: 20

Type here to search

9:53 PM 7/19/2021

Smart Home Security Application x Node-RED: node-red-eegnd-20 x Service Details - IBM Cloud x Cloudant Dashboard - database/ x Node-RED Dashboard

51b4512e-e69d-4179-a1b6-7aef2f75ba98-bluemix.cloudant.com/dashboard.html#database/scheduling/e9fb5e6e2de916eab7048cb85ace2d61

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scheduling > e9fb5e6e2de916eab7048cb85ace2d61

Save Changes Cancel

```
1 {
2   "_id": "e9fb5e6e2de916eab7048cb85ace2d61",
3   "_rev": "1-206a680f7202b969d492f917650526eb",
4   "payload": {
5     | "Time": "1970-01-01T16:00:00.000Z",
6     | "Date": "2021-07-18T18:30:00.000Z"
7   },
8   "socketid": "2UZE3GkjcYsoXmx4AAAE"
9 }
```

scheduling > e9fb5e6e2de916eab7048cb85ace2d61

Save Changes Cancel

```
1 {
2   "_id": "e9fb5e6e2de916eab7048cb85ace2d61",
3   "_rev": "1-206a680f7202b969d492f917650526eb",
4   "payload": {
5     | "Time": "1970-01-01T16:00:00.000Z",
6     | "Date": "2021-07-18T18:30:00.000Z"
7   },
8   "socketid": "2UZE3GkjcYsoXmx4AAAE"
9 }
```