

ASSIGNMENT-5

NAME-AYUSH KUMAR AGARWAL

REG NO – 19BEE0175

APPLICATION ID: SPS_APL_20210012611

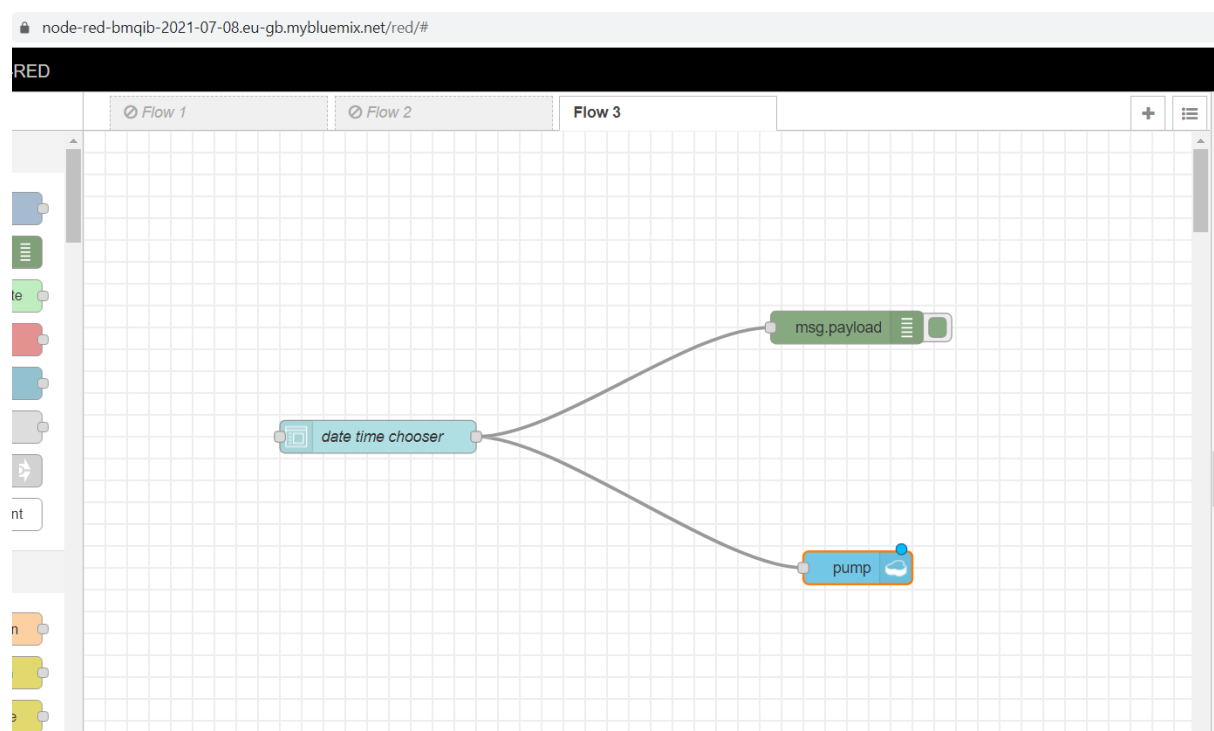
Aim - Create a web dashboard to take user input for scheduling the pump controller (date & time). store the data in the Cloudant DB. you can use Form Nodes in dashboard nodes to take user input. .

Requirement – 1. IBM cloud service
2. IBM cloudant DB
3. NODE – RED

Working - Here we use the NODE – RED service to create a web dashboard in which we use the Form Node to take date and time as the input from the user and send it to the IBM cloudant database to store the data using the cloudant out node.

RESULTS:



NODE RED FLOW



NODE RED UI:

pump control

choose date and time

Date *  Time * 

SUBMIT **CANCEL**

RECEIVING DATA AT CLOUDANT DB:

75ddf58e-2227-419f-9898-35a55e38bb99-bluemix.cloudant.com/dashboard.html#/database/pump/_all_docs

pump	Document ID	Options	JSON	Create Document
Documents	Table	Metadata	JSON	
y				
missions				
ages				
gn Documents				

id	key	value
2f221cc4a075b466d747cee914e9da04	2f221cc4a075b466d747cee914e9da04	{ "rev": "1-a5d962f5d40f857543490bdd8492..." }
3c7729be6aa066d41352e2ee38de7b37	3c7729be6aa066d41352e2ee38de7b37	{ "rev": "1-cd307d5f6bd653850be30b3d6403..." }

DATA STORED IN THE DATABASE CREATED IN THE CLOUDANT:

75ddf58e-2227-419f-9898-35a55e38bb99-bluemix.cloudant.com/dashboard.html#/database/pump/3c7729be6aa066d41352e2ee38de7b37

pump > 3c7729be6aa066d41352e2ee38de7b37

Save Changes Cancel

```
1 {
2   "_id": "3c7729be6aa066d41352e2ee38de7b37",
3   "_rev": "1-cd307d5f6bd653850be30b3d6403d9d8",
4   "payload": {
5     "date": "2021-07-06T18:30:00.000Z",
6     "time": "1970-01-01T12:15:00.000Z"
7   },
8   "topic": "topic",
9   "socketid": "95GBdv2Y5AdW2tMJAAA"
10 }
```