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

## TYPE: 1

```
documentcreation.py - C:\Users\DELL\AppData\Local\Programs\Python\Python39\python.exe\cloud service\documentcreation.py (3.9.6)
File Edit Format Run Options Window Help
from ibmcloudant.cloudant.v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator
from ibm_cloud_sdk_core.authenticators import BasicAuthenticator

authenticator = BasicAuthenticator('apikey-v2-1mkqzr981pn9pn295svb3k8deh0svicv3xscgflu7wrj', '52c3af8721c75cb9130030723e0d3c32')

service = CloudantV1(authenticator=authenticator)

service.set_service_url('https://apikey-v2-1mkqzr981pn9pn295svb3k8deh0svicv3xscgflu7wrj:52c3af8721c75cb9130030723e0d3c32@4c799608-8f7d-442d-be53-de3ff4b57098-bluemix.cloudantnosqldb.appdomain.cloud')

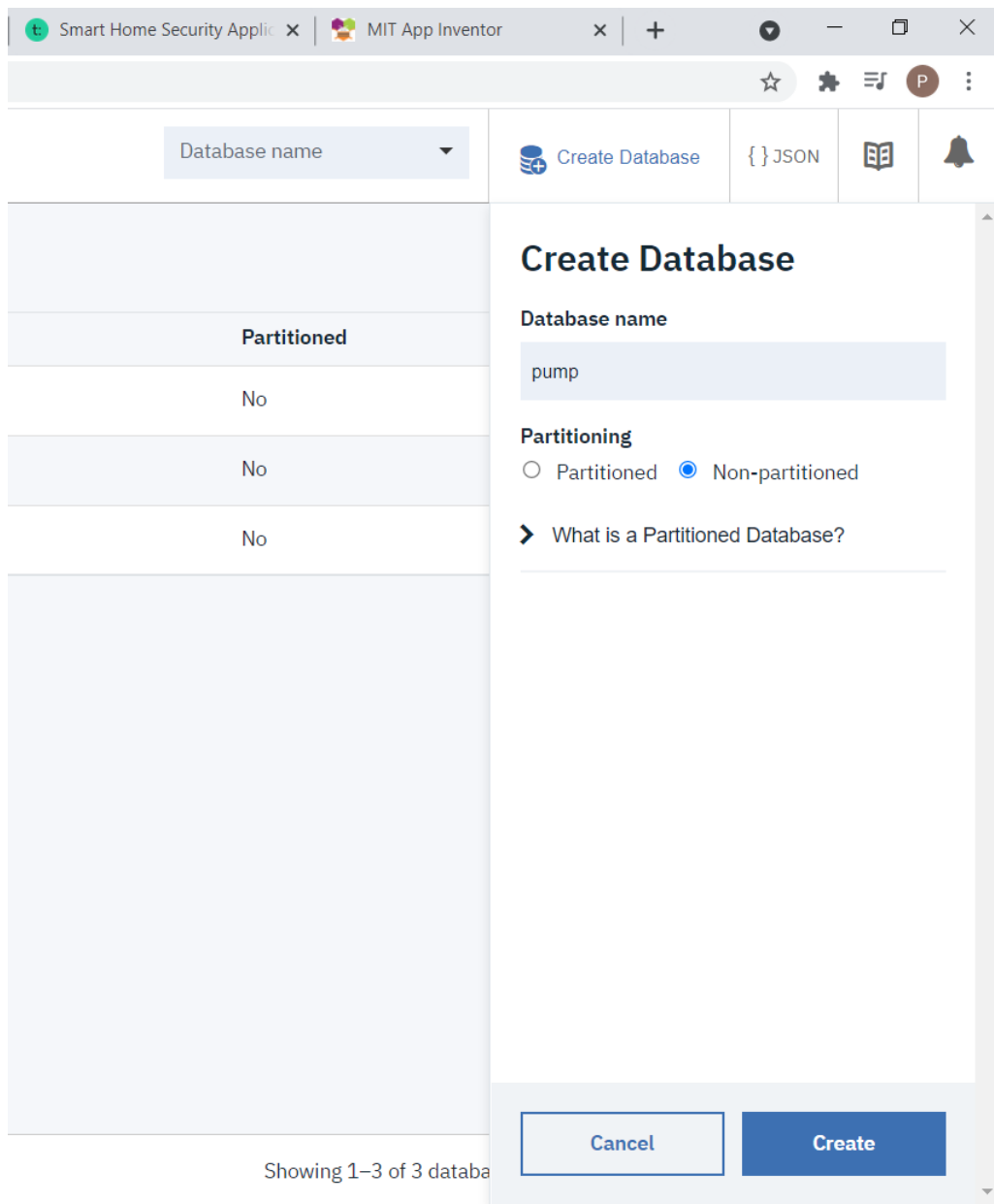
products_doc = {
    "DATE": "15/07/21",
    "TIME": "10:26 PM"
}

response = service.post_document(db='pump', document=products_doc).get_result()

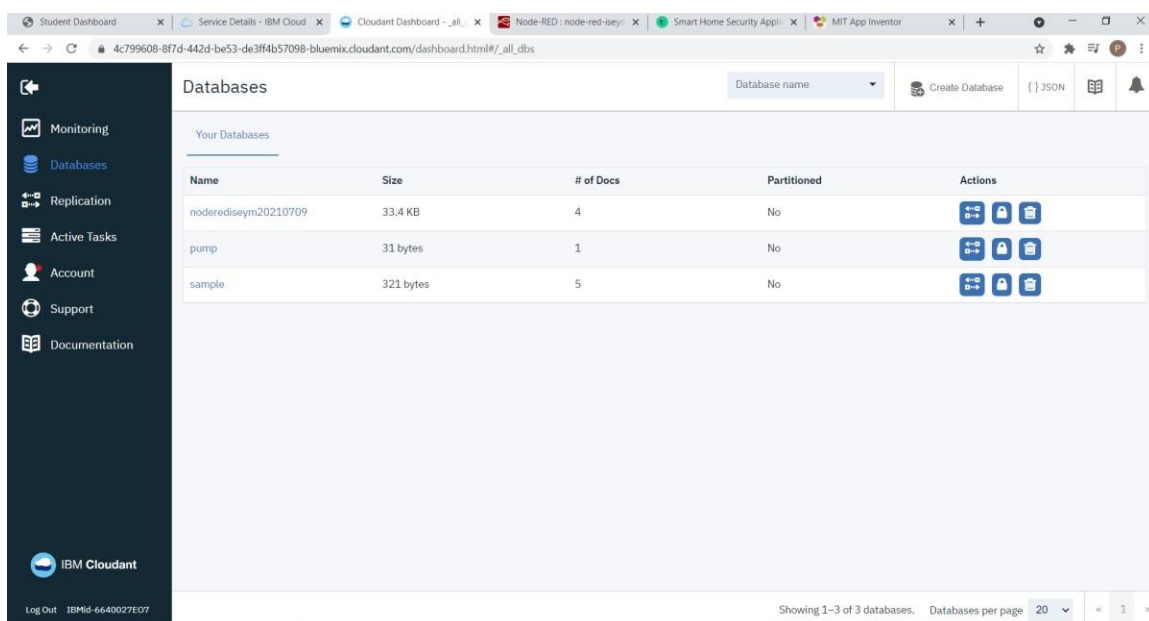
print(response)
```

We need to store the time and date in the cloudant DB

### CREATION OF DB:



After the code execution we can view the data in the cloudant DB



ciouaant oashsoaH aaubase, x

4c799608-8f7d-442d-be53-de3ff4b57098-bluemix.cloudant.com/dashboard.html#database/pump/559b592f4a878b3eaf8baa7e03036724

pump } 559b592f4a878b3eaf8baa7e03036724

Save Changes Cancel Upload Attachment Clone Document Delete

```
1 {
2   "_id": "559b592f4a878b3eaf8baa7e03036724",
3   "__rev": "1-4078d5eb3c045027f46592b48c12c563",
4   "DATE": "15/07/21",
5   "TIME": "10:26 PM"
6 }
```

Log Out

## TYPE:2

Node red:

Guide to make Custom Ha... WhatsApp Service Details - IBM Cloud Cloudant Dashboard - data Node-RED : node-red-iseym Node-RED Dashboard

node-red-iseym-2021-07-09.eu-gb.mybluemix.net/red/#

Node-RED

Flow 1 Flow 2 Flow 3 Flow 4 Flow 5 Flow 6

filter nodes

- html
- json
- xml
- yaml

storage

- Db2 in
- cloudant in
- tail
- dashDB in
- Db2 out
- cloudant out
- dashDB out

IBM Watson

- assistant
- assistant workspace

form

msg.payload

pump

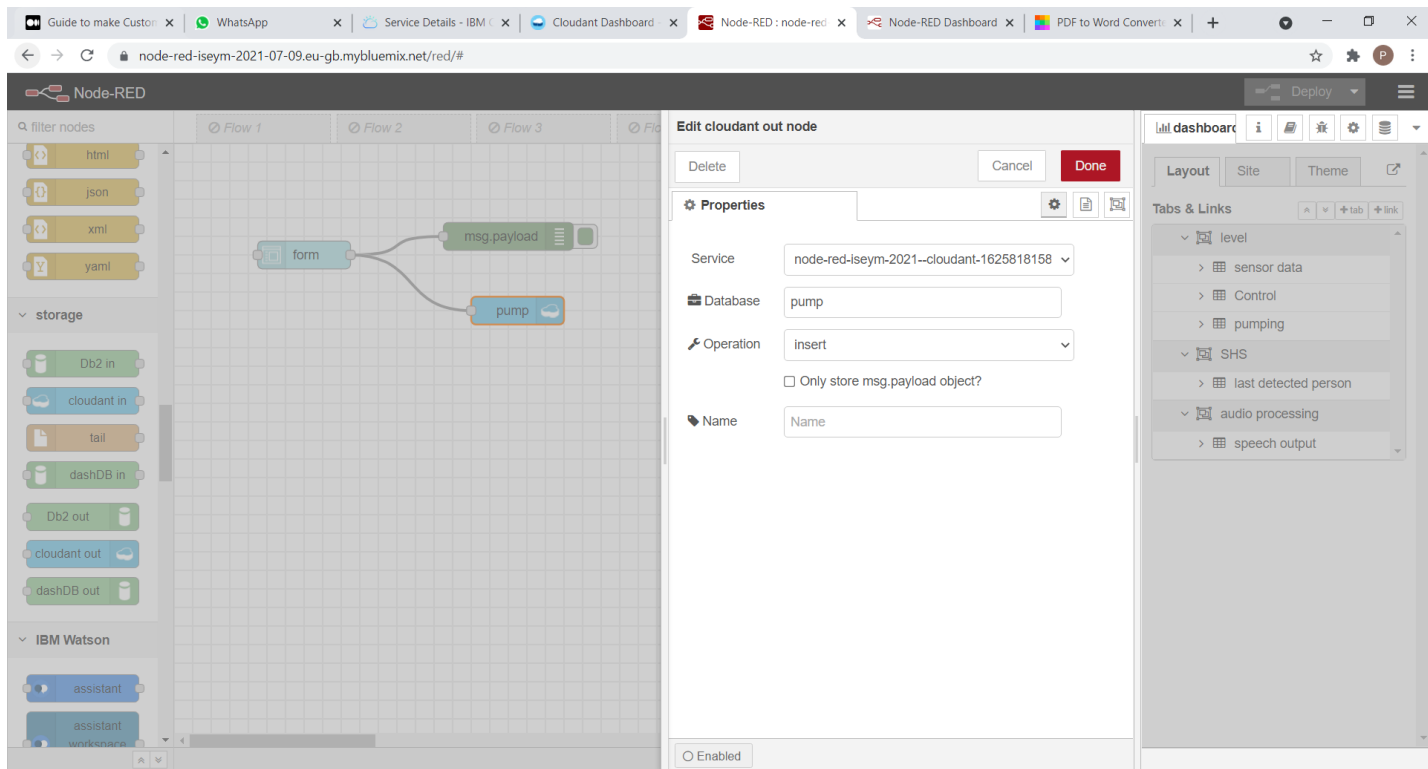
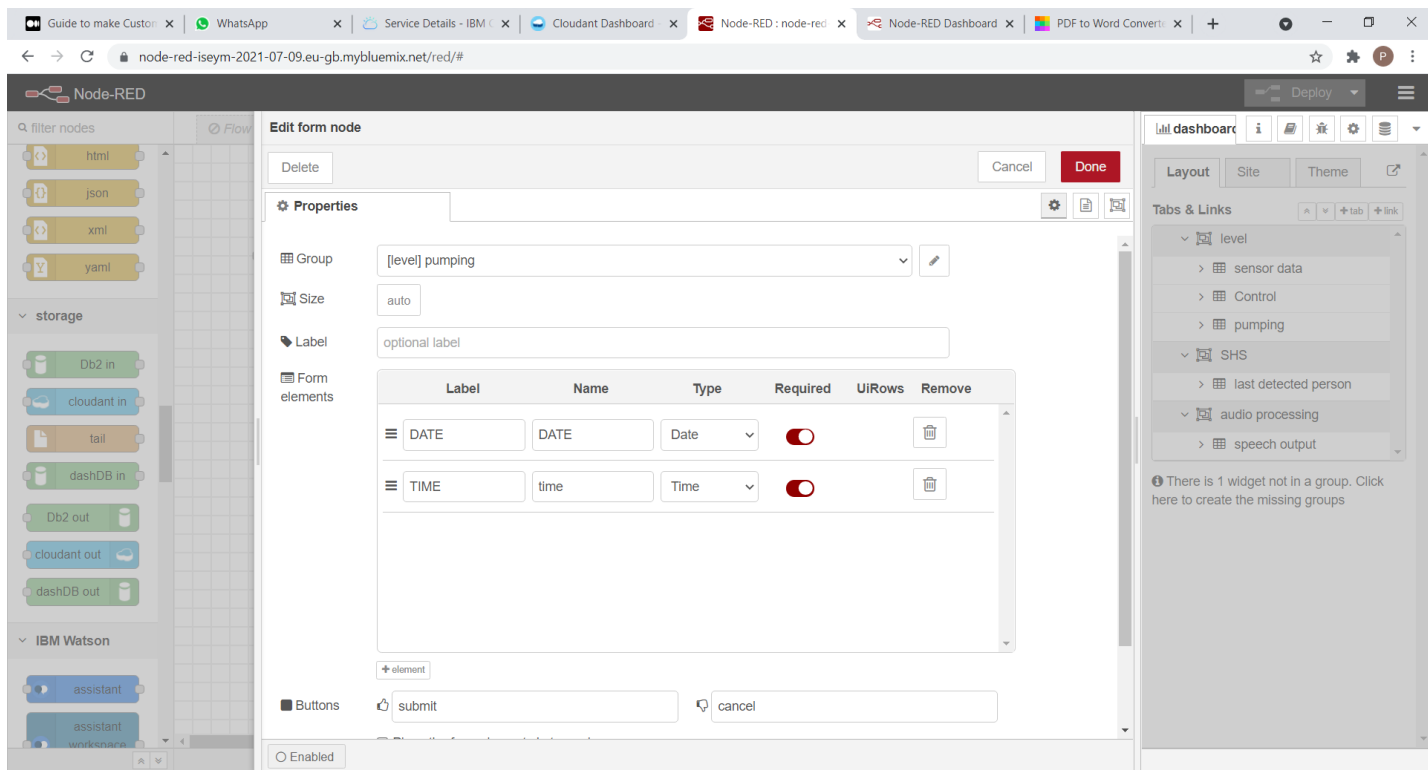
dashboard

Layout Site Theme

Tabs & Links

- level
  - sensor data
  - Control
  - pumping
- SHS
  - last detected person
- audio processing
  - speech output

There is 1 widget not in a group. Click here to create the missing groups



Input: node red

Guide to make Custom Ha... xWhatsApp xService Details - IBM Cloud xCloudant Dashboard - data... xNode-RED : node-red-iseym... xNode-RED Dashboard x

node-red-iseym-2021-07-09.eu-gb.mybluemix.net/ui/#/0?socketid=Gmr1YejlQLu-Rd7DAAAR

level

pumping

DATE17-07-2021

TIME14:22

SUBMIT

CANCEL

Guide to make Custom Ha... xWhatsApp xService Details - IBM Cloud xCloudant Dashboard - data... xNode-RED : node-red-iseym... xNode-RED Dashboard x

4c799608-8f7d-442d-be53-de3ff4b57098-bluemix.cloudant.com/dashboard.html#database/pump/71c4831e8e4ef51164f90805c3c941e5

↔

pump > 71c4831e8e4ef51164f90805c3c941e5

{ } JSON

Save Changes

Cancel

Upload Attachment

Clone Document

Delete

1

{

2

"\_id": "71c4831e8e4ef51164f90805c3c941e5",

3

"\_rev": "1-7f1a6471d98e1ab228ba56cfe26555c8",

4

"payload": {

5

"DATE": "2021-07-16T18:30:00.000Z",

6

"time": "1970-01-01T08:52:00.000Z"

7

},

8

"socketid": "Gmr1YejlQLu-Rd7DAAAR"

9

}

Log Out