

## VIT-IOT-INDUSTRY CERTIFICATE-EXTERNSHIP PROGRAM

### ASSIGNMENT-5

#### 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.

#### CODE:

```
from ibmcloudant.cloudant_v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator
from ibm_cloud_sdk_core.authenticators import BasicAuthenticator

authenticator = BasicAuthenticator('apikey-v2-
1eqdq09ft2wf7gjqlscocw4lichwljwfj213q5cg809d','c4eb7c392f63fbe5d7050b8
6a867926e')

service = CloudantV1(authenticator=authenticator)

service.set_service_url('https://apikey-v2-
1eqdq09ft2wf7gjqlscocw4lichwljwfj213q5cg809d:c4eb7c392f63fbe5d7050b86
a867926e@0a7a725c-a76d-4389-bdbb-055690364fe8-
bluemix.cloudantnosqldb.appdomain.cloud')

products_doc = {
    "name" : "GCET",
    "Domain" : "IoT"
}

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

print(response)
```

## CLOUDANT:

Name	Size	# of Docs	Partitioned	Actions
datetime	375 bytes	4	No	
noderecrgudf20210711	27.4 KB	4	No	

id	key	value
<input type="checkbox"/> 30854e4b612203766884b2c12870213	30854e4b612203766884b2c12870213	{ "rev": "1-2a113c53a2683067cc8094313ba3..." }
<input type="checkbox"/> becb9c6ccff0de7b7b377f31d7fc53cc	becb9c6ccff0de7b7b377f31d7fc53cc	{ "rev": "1-5c96159c0a2b7ba16840bb6814b..." }
<input type="checkbox"/> db3fd43f4d238463c34335f29e0513c2	db3fd43f4d238463c34335f29e0513c2	{ "rev": "1-eea01bb01613e7dd6e18333b09f2..." }

## OUTPUT:

Application

Sensor

Date\*  
02-03-2000

Time\*  
02:30

datetime > 30854e4b612203766884b2c128f70213

Save Changes Cancel Upload Attachment Clone Document Delete

```
1-
2  "_id": "30854e4b612203766884b2c128f70213",
3  "_rev": "1-2a113d53a2683067cc8094113ba3a40",
4  "payload": {
5    "Date": "2000-03-01T18:30:00.000Z",
6    "Time": "1969-12-31T20:52:00.000Z"
7  },
8  "socketid": "UNVLFwj41F0r6KWAADAAW"
9 }
```

