**Smart Bridge Externship Program**

**Internet of Things**

**Name:** Ruthala Meher Bhavana

**Reg.No:** 19BEE0242

**Mail Id:** [ruthalameher.bhavana2019@vitstudent.ac.in](mailto:ruthalameher.bhavana2019@vitstudent.ac.in)

**Assignment – 5**

**Q. 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-v2-1eqdq09ft2wf7gjqjscocw4lichwljwfj213q5cg809d','c4eb7c392f63fbe5d7050b86a867926e')

service = CloudantV1(authenticator=authenticator)

service.set\_service\_url('https://apikey-v2-1eqdq09ft2wf7gjqjscocw4lichwljwfj213q5cg809d:c4eb7c392f63fbe5d7050b86a867926e@0a7a725c-a76d-4389-bdbb-055690364fe8-bluemix.cloudantnosqldb.appdomain.cloud')

products\_doc = {

"name" : "GCET",

"Domain" : "IoT"

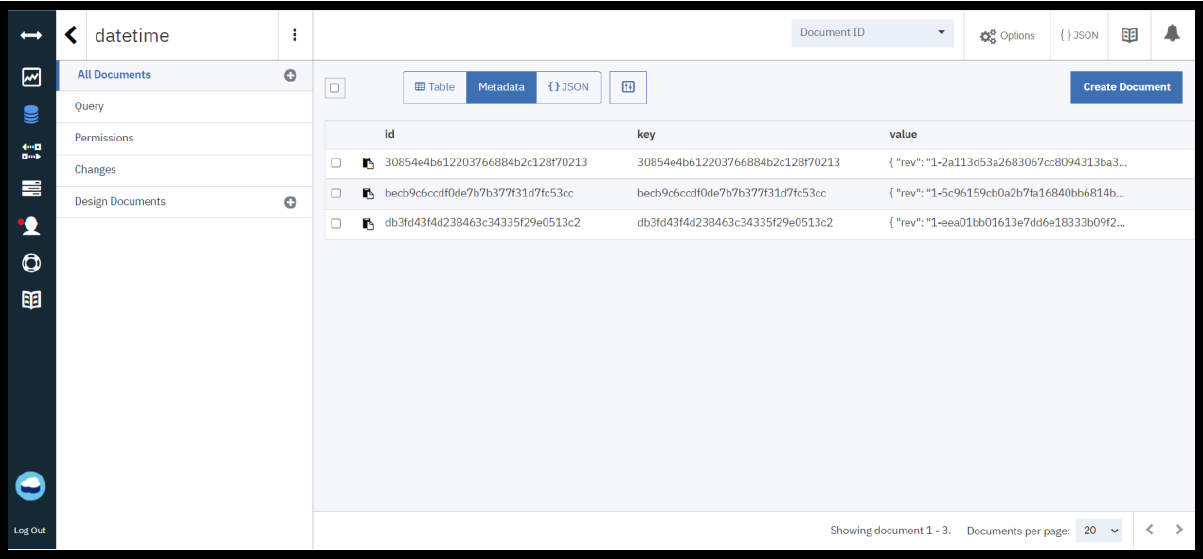
}

response = service.post\_document(db='datetime', document=products\_doc).get\_result()

print(response)

**Cloudant:**





**Output:**

