

VIT EXTERNSHIP GUIDED PROJECTS

Name: Masetti Anil Kumar

Email: anil.18bcd7141@vitap.ac.in

Mobile no: 6300366825

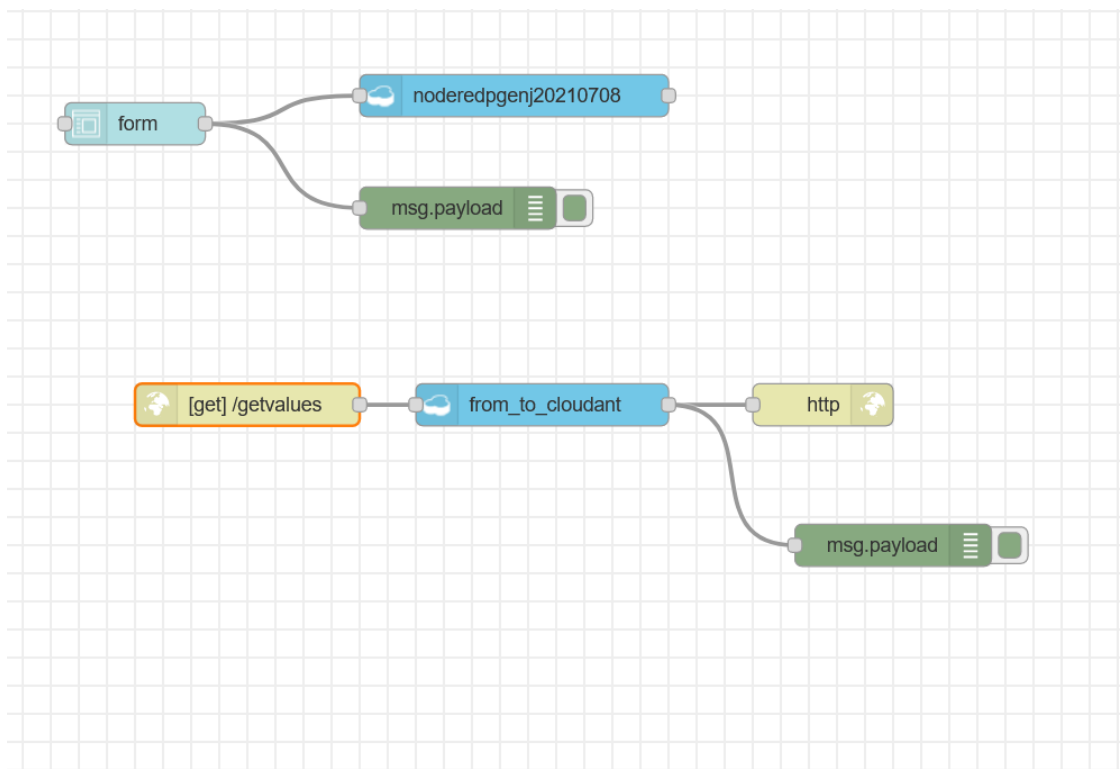
Assignment No: 5

Question: 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.

Answer:

Node Red Flow Diagram:




Web dashboard:

Pump Controller


Date *

20-07-2021



Time *

10:10



SUBMIT

Output in Cloudant database:

```
[{"_id":"24d33efcef7f20627e3112bb337845ae","rev":"1-e3689a1b365607f84896b10d5adad8bb","date":"2021-07-18T18:30:00.000Z","time":"1970-01-01T16:45:00.000Z"},{"_id":"4f8f05c48be11ca03a2fe22f419df11d","rev":"51bbb581ee907907b10abdb54a5b97e3","payload":{"Activity":"Turning on","Date":"2021-07-08T18:30:00.000Z","Time":"1970-01-01T16:18:00.000Z"},"socketid":"o3kkPH2i2vvotFDPAAAg"}, {"_id":"89342742004575c21a168b71ece34c59","rev":"1-21ae7a446de72ef9245f4c80e84e41be","date":"2021-07-19T18:30:00.000Z","time":"1970-01-01T04:40:00.000Z"}, {"_id":"89f81f0d8ebc01ec42f3dc19986e9dcf","rev":"16a0ddff27c1bf78ea1a7abc55abfcdf","payload":{"date":"2021-07-22T18:30:00.000Z","time":"1970-01-01T15:10:00.000Z"},"socketid":"o3kkPH2i2vvotFDPAAAg"}, {"_id":"9e4ceadee51ade5c09196f34c5a08ee8","rev":"1-f666cbe7a55c0dc8d8ed5dfcd856d81f","payload":{"date":"2021-07-15T18:30:00.000Z","time":"1970-01-01T11:20:00.000Z"},"socketid":"o3kkPH2i2vvotFDPAAAg"}, {"_id":"eb44ee69f755f866ee34a0409c954e4f","rev":"1-86bdc570b516e7ed406aadca1b2a904a","date":"2021-07-22T18:30:00.000Z","time":"1970-01-01T18:29:00.000Z"}]
```