

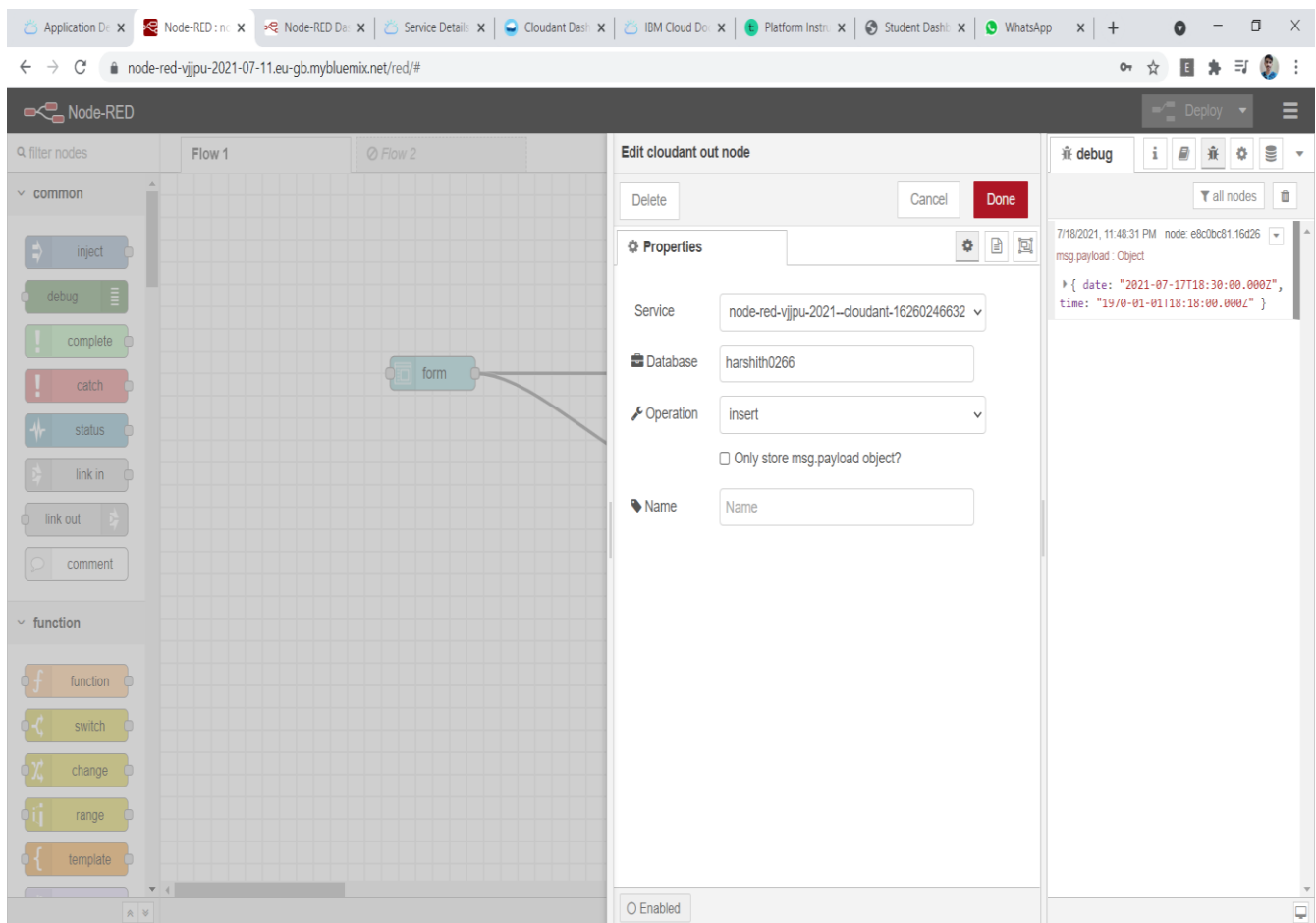
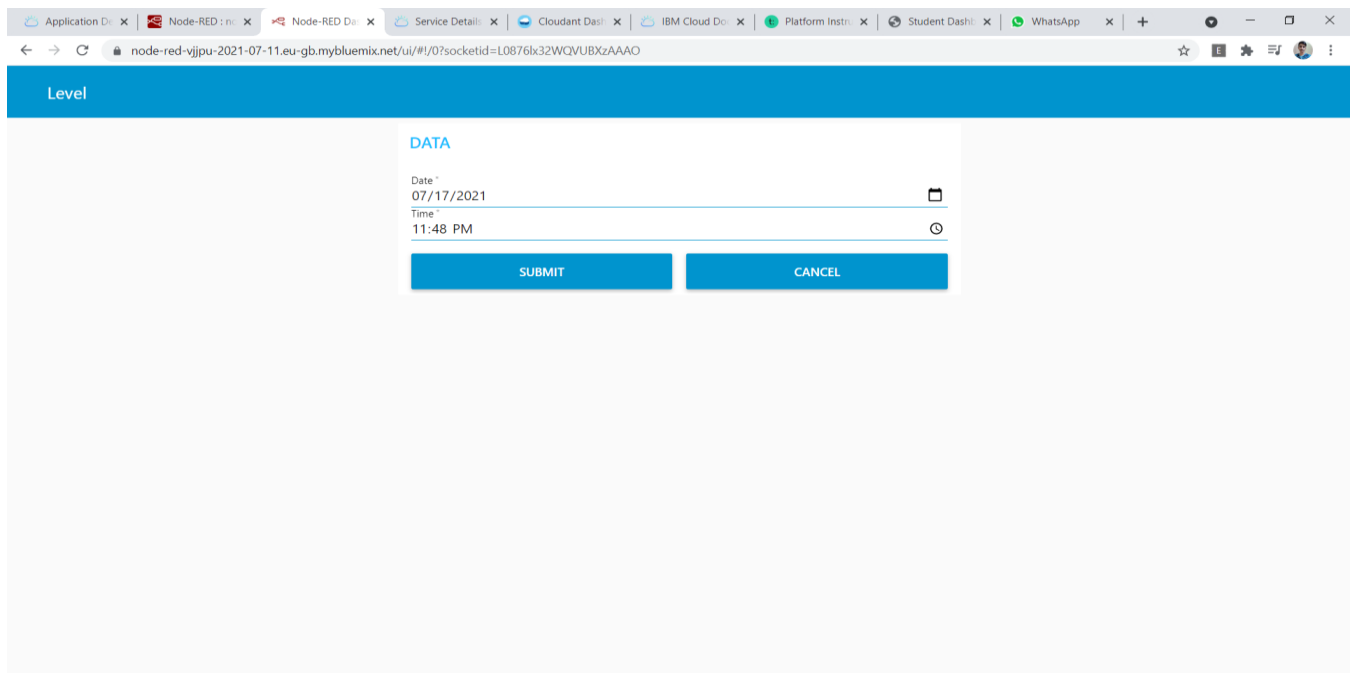
## Assignment – 5

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Q. Create a web dashboard to take user input for scheduling the pump controller (date & time). Store the data in the Cloudbant DB. You can use Form Nodes in dashboard nodes to take user input.

The screenshot displays the Node-RED web interface in a browser. The top navigation bar includes tabs for 'Application D...', 'Node-RED: n...', 'Node-RED Da...', 'Service Details', 'Cloudbant Dashi...', 'IBM Cloud D...', 'Platform Instr...', 'Student Dash...', and 'WhatsApp'. The address bar shows the URL 'node-red-vijpu-2021-07-11.eu-gb.mybluemix.net/red/#'. The main workspace is titled 'Flow 1' and contains a flow with three nodes: a 'form' node (light blue), a 'msg.payload' node (green), and a 'harshith0266' node (blue). The 'form' node is connected to both the 'msg.payload' and 'harshith0266' nodes. On the left sidebar, the 'common' category is expanded, showing nodes like 'inject', 'debug', 'complete', 'catch', 'status', 'link in', 'link out', and 'comment'. The 'function' category is also visible, showing nodes like 'function', 'switch', 'change', 'range', and 'template'. On the right sidebar, the 'debug' console is open, displaying a log entry for '7/18/2021, 11:48:31 PM' with the message 'msg.payload: Object' and a JSON object: 

```
{ date: "2021-07-17T18:30:00.000Z", time: "1970-01-01T18:18:00.000Z" }
```



Application D...Node-RED : n...Node-RED Da...Service Detai...Cloudant DashiBM Cloud Do...Platform Instr...Student Dash...WhatsApp x+--x

a7be3fcf-454f-48c1-b93f-46c6ead3159-bluemix.cloudant.com/dashboard.html#database/harshith0266/\_all\_docs

harshith0266

Document IDOptionsJSON

All Documents+QueryPermissionsChangesDesign Documents+

TableMetadataJSON

Create Document

id "0c3d9f00525b51838ec94358297fd3e2"

```
{
  "id": "0c3d9f00525b51838ec94358297fd3e2",
  "key": "0c3d9f00525b51838ec94358297fd3e2",
  "value": {
    "rev": "1-b9aa066c2a2c02e65637602bf2128115"
  },
  "doc": {
    "_id": "0c3d9f00525b51838ec94358297fd3e2",
    "_rev": "1-b9aa066c2a2c02e65637602bf2128115",
    "payload": {
      "date": "2021-07-17T18:30:00.000Z",
      "time": "1970-01-01T18:18:00.000Z"
    },
    "socketid": "L08761x32WQVUBxAAAA0"
  }
}
```

Showing document 1 - 1. Documents per page: 20