

SPRINT - 2

Project Title:	Personal Assistant for Senior Citizen
Team ID:	PNT2022TMID50622

Node-red connection to IBM cloud

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow named 'Flow 1' with two parallel processing paths. The top path starts with a 'timestamp' node, followed by a 'function' node, then a 'medicine' node, another 'function' node, a 'switch' node, and finally an 'IBM IoT' node. The bottom path starts with a 'function' node, followed by a 'delay 10s' node, then a 'form' node, and ends with a 'msg.payload' node. A 'debug' console on the right shows a log of messages, including a successful connection to IBM IoT and several 'couch returned 404' errors.

```
graph LR
    timestamp[timestamp] --> f1[function]
    f1 --> medicine1[medicine]
    medicine1 --> f2[function]
    f2 --> switch[switch]
    switch --> ibm_iot[IBM IoT]
    ibm_iot --> msg_payload1[msg.payload]

    f3[function] --> delay[delay 10s]
    delay --> form[form]
    form --> msg_payload2[msg.payload]
```

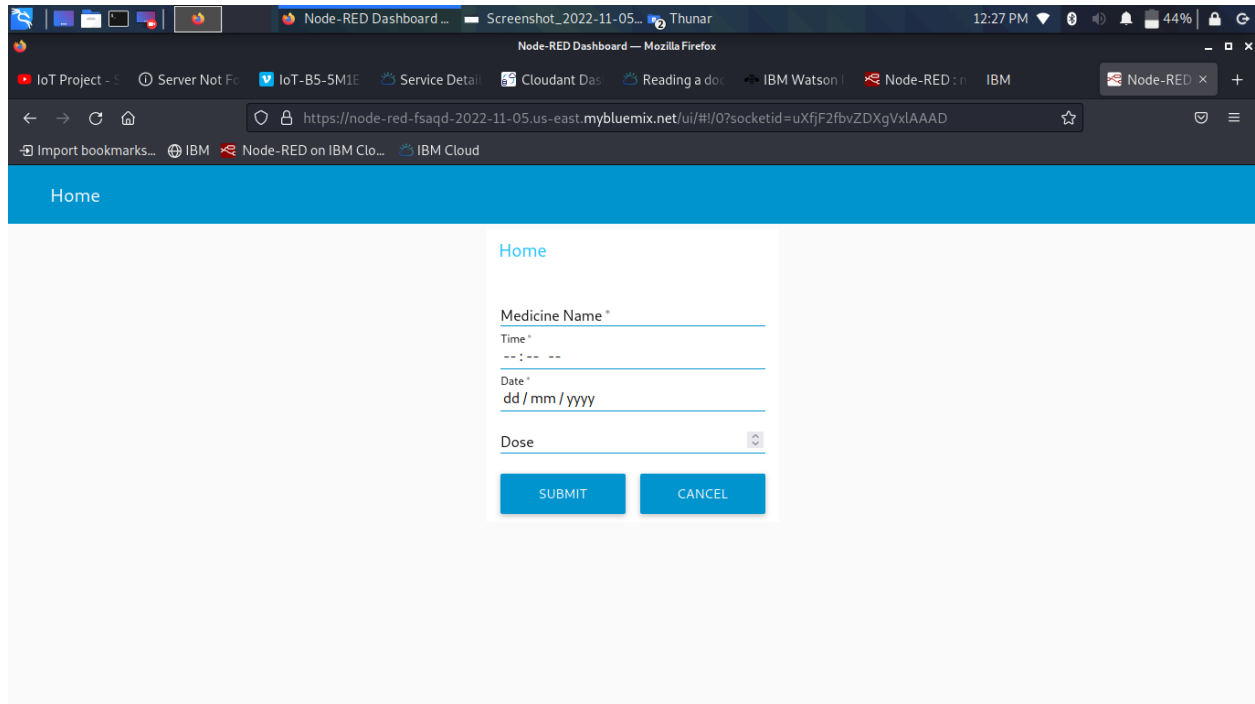
debug console log:

```
6/11/2022, 12:26:17 pm node: cab8b9a5155d48d
msg.payload: Object
  name: "xml18"
  time: "1970-01-01T07:00:00.000Z"
  date: "2022-11-05T18:30:00.000Z"
  dose: 2
6/11/2022, 12:26:44 pm node: 97dedda2f2516fbc
msg: string[18]
"couch returned 404"
6/11/2022, 12:27:44 pm node: 97dedda2f2516fbc
msg: string[18]
"couch returned 404"
6/11/2022, 12:28:44 pm node: 97dedda2f2516fbc
msg: string[18]
"couch returned 404"
6/11/2022, 12:29:44 pm node: 97dedda2f2516fbc
msg: string[18]
"couch returned 404"
```

Created web ui for user input form in node-red

Url:

<https://node-red-fsaqd-2022-11-05.us-east.mybluemix.net/ui/#!/0?socketid=uXfjF2fbvZDXgVxIAAAD>

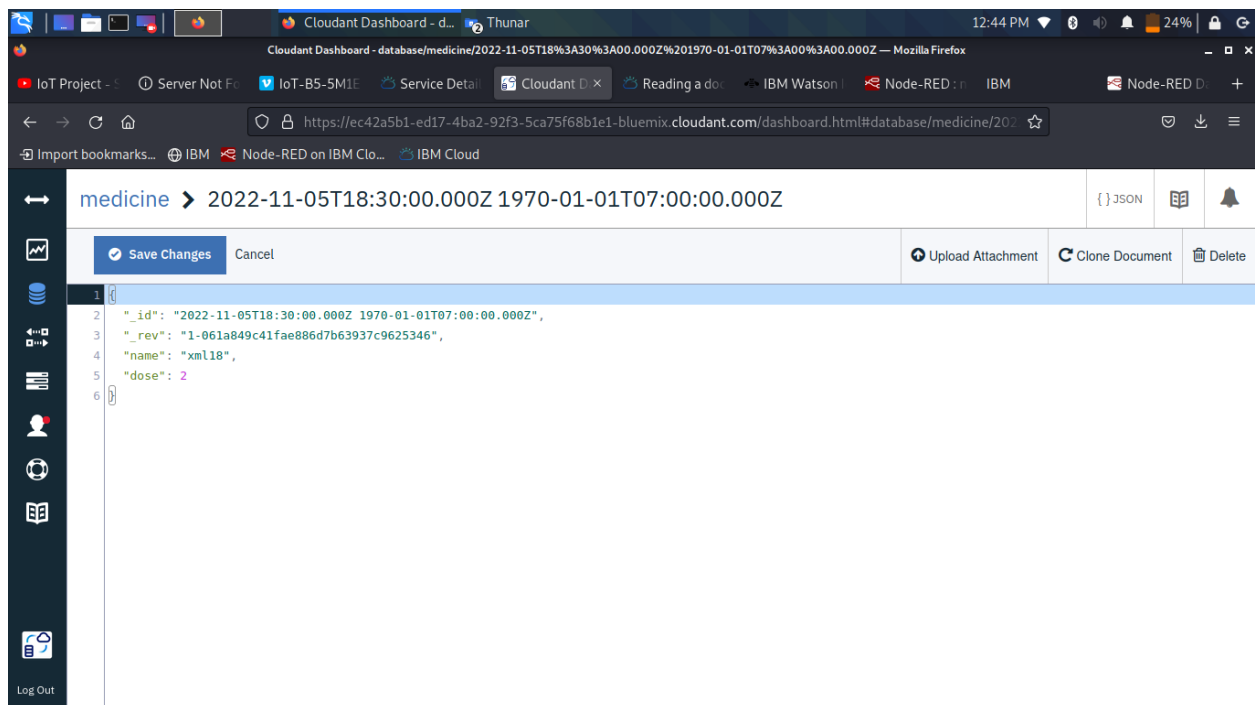


The screenshot shows a web browser window displaying the Node-RED dashboard. The URL bar shows the URL: <https://node-red-fsaqd-2022-11-05.us-east.mybluemix.net/ui/#!/0?socketid=uXfjF2fbvZDXgVxIAAAD>. The dashboard has a blue header with the word "Home". Below the header, there is a form titled "Home" with the following fields:

- Medicine Name *
- Time *
--:--:--
- Date *
dd / mm / yyyy
- Dose *

At the bottom of the form, there are two buttons: "SUBMIT" and "CANCEL".

Database in IBM cloud:



The screenshot shows the IBM Cloudant Dashboard. The URL bar shows the URL: <https://ec42a5b1-ed17-4ba2-92f3-5ca75f68b1e1-bluemix.cloudant.com/dashboard.html#database/medicine/2022-11-05T18:30:00.000Z%201970-01-01T07:00:00.000Z>. The dashboard shows a database record for "medicine" with the following fields:

- _id: "2022-11-05T18:30:00.000Z 1970-01-01T07:00:00.000Z"
- _rev: "1-061a849c41fae886d7b63937c9625346"
- name: "xml18"
- dose: 2

The dashboard also includes a "Save Changes" button, a "Cancel" button, and an "Upload Attachment" button. The record is displayed in a table with a "Log Out" button at the bottom left.

Jira process:

Url: <https://pnt2022tmid50622.atlassian.net/jira/software/projects/PAFSCII/boards/1>

