

# Assignment -5

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18BEC1278

- ★ 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.

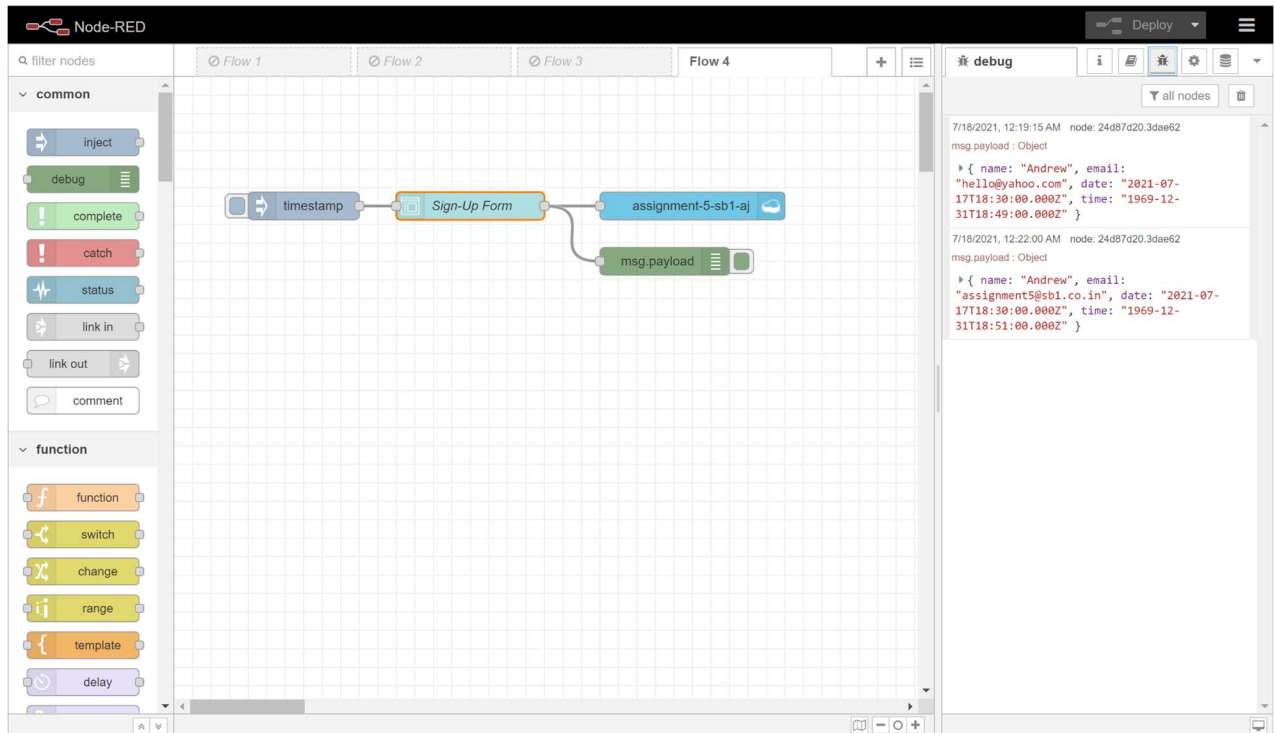


Fig-1: Node-RED Flow

IoT\_Device\_a5

IoT\_Device5a

Sign-Up Form

Name \*  
Andrew

Email \*  
assignment5@sb1.co.in

Date of Sign-Up \*  
18/07/2021

Time of Sign-Up \*  
00:21

SUBMIT

CANCEL

Fig-2: Node-RED UI Dashboard

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assignment-5-sb1...

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Document ID

Options

{ } JSON

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Permissions

Changes

Design Documents

Table

Metadata

{ } JSON

Create Document

id	key	value
<input type="checkbox"/> 271f04dbed16b3abb5e302b2759be1...	271f04dbed16b3abb5e302b2759be1...	{ "rev": "1-6146176a0a8a01712b8e5...
<input type="checkbox"/> 595e0ab7ddda0b46249fa5ca25da22...	595e0ab7ddda0b46249fa5ca25da22...	{ "rev": "1-f8c28ac9fa83f0c3415f12e...
<input type="checkbox"/> fbd6967f08080da01734fc2a7fd5beb7	fbd6967f08080da01734fc2a7fd5beb7	{ "rev": "1-f5de08d6780297b858862...

Showing document 1 - 3. Documents per page: 20

Fig-3: Cloudant DB

assignment-5-sb1-aj > fbd6967f08080da01734fc2a7fd5beb7

Save Changes Cancel

Upload Attachment Clone Document Delete

1 {

2    "\_id": "fbd6967f08080da01734fc2a7fd5beb7",

3    "\_rev": "1-f5de08d6780297b858862e98fcfad1c8",

4    "payload": {

5      "name": "Andrew",

6      "email": "hello@yahoo.com",

7      "date": "2021-07-17T18:30:00.000Z",

8      "time": "1969-12-31T18:49:00.000Z"

9    },

10    "socketid": "VPK-bnXroqGGCdERAAAd"

11 }

Log Out

Fig-4: Recently received info in json format