

# VIT SMART BRIDGE IOT EXTERNSHIP PROGRAM

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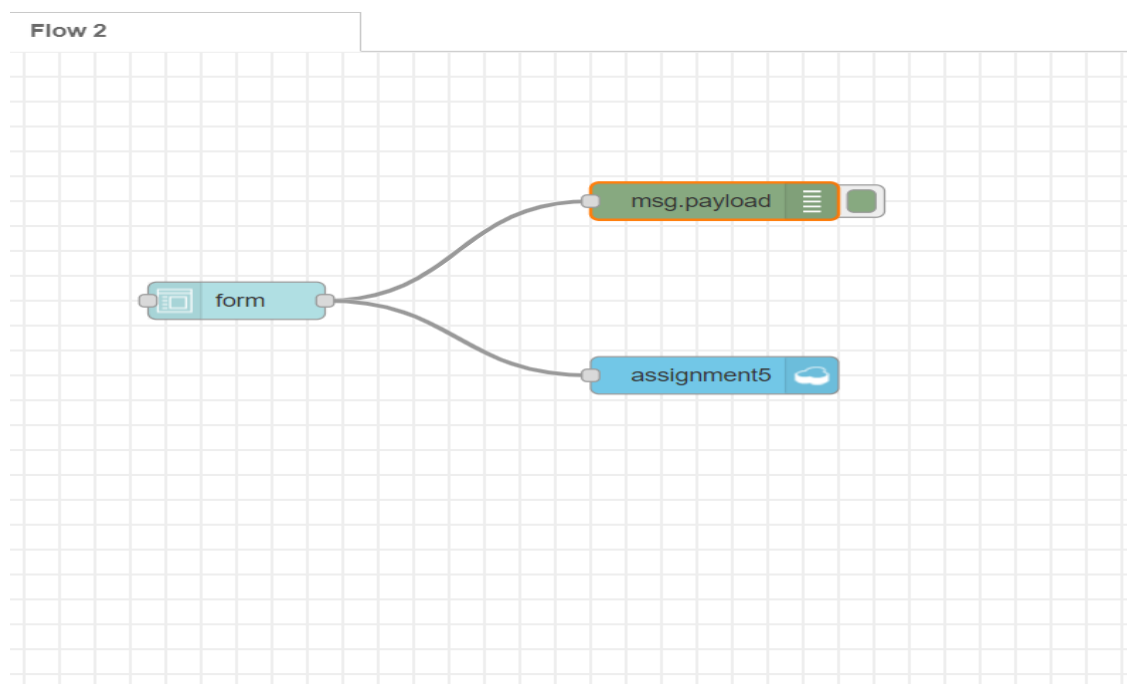
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## ASSIGNMENT-5

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.

## NODE RED FLOW:



**Edit form node**

Delete Cancel Done

**Properties**

Group [pump control] assignment5

Size auto

Label optional label

Label	Name	Type	Required	UiRows	Remove
date	date	Text	<input checked="" type="checkbox"/>	1	
time	time	Text	<input checked="" type="checkbox"/>	1	

+ element

## INPUT (Web UI):

pump control

assignment5

date  
19/07/2021

time  
16:30

SUBMIT CANCEL

## OUTPUT (RECEIVING DATA FROM Web UI):

debug

all nodes

7/19/2021, 9:33:05 PM node: 4f8e4fe0.a7a16

msg.payload : Object

{ date: "19/07/2021", time: "04:30" }

7/19/2021, 9:41:16 PM node: 4f8e4fe0.a7a16

msg.payload : Object

{ date: "19/07/2021", time: "16:30" }

## DATA BASES:

Databases	Database name	Create Database	{ } JSON		
Your Databases					
Name	Size	# of Docs	Partitioned	Actions	
assignment5	82 bytes	1	No		
noderedlaxjx20210718	25.9 KB	4	No		

## OUTPUT (Receiving data from Web UI to Cloudantdb):

assignment5 > 89f81f0d8ebc01ec42f3dc1998c7f830

✓ Save Changes

Cancel

```
1  |
2  | "_id": "89f81f0d8ebc01ec42f3dc1998c7f830",
3  | "_rev": "1-b20441bb7ca6337e4d78e5cdc1e4f99c",
4  | "payload": {
5  |   | "date": "19/07/2021",
6  |   | "time": "16:30"
7  | },
8  | "socketid": "uV_pzp5ZH43FXIFTAAAG"
9  | }
```