

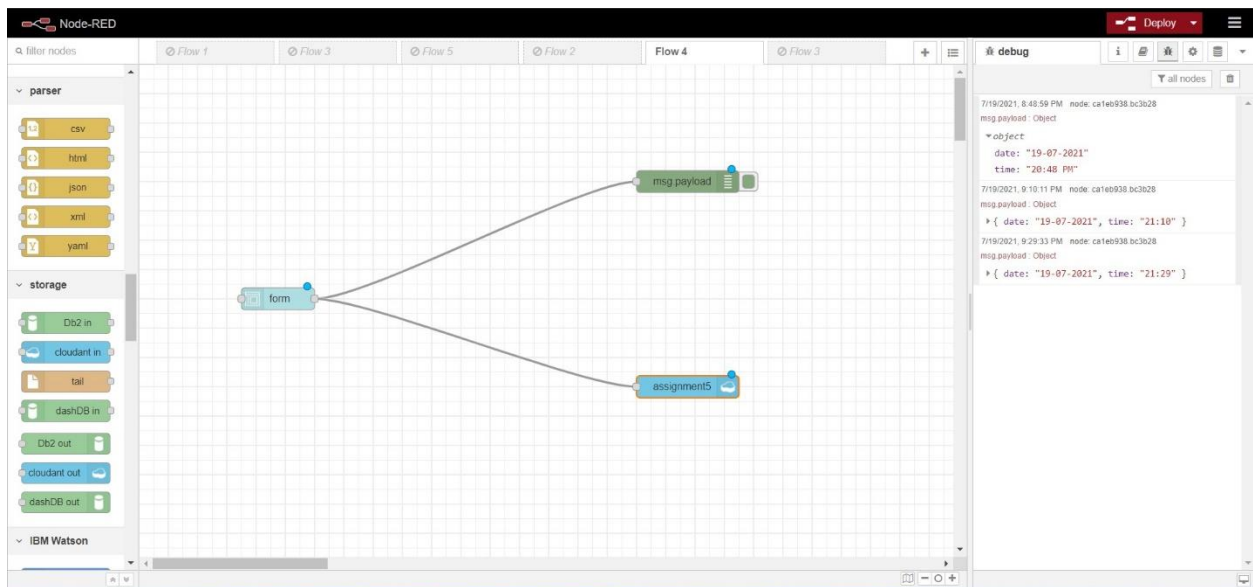
## ASSIGNMENT 5

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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:



### Form Node:

The image shows the 'Edit form node' configuration window in Node-RED. The 'Properties' section includes a 'Group' dropdown set to '[pumpcontroller] assignment5', a 'Size' dropdown set to 'auto', and a 'Label' text field containing 'optional label'. Below this is a table for 'Form elements' with columns: Label, Name, Type, Required, UIRows, and Remove. The table contains two rows: one for 'date' (Text type, Required) and one for 'time' (Text type, Required). At the bottom, there are 'Buttons' for 'submit' and 'cancel', and a checkbox for 'Place the form elements in two columns' which is currently unchecked. The 'Enabled' checkbox is checked. The right sidebar shows a 'debug' console with logs for the flow.

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

## Web UI

pumpcontroller

assignment5

date  
19-07-2021

time  
21:29

SUBMIT

CANCEL

## User Input:

debug

all nodes

7/19/2021, 8:48:59 PM node: ca1eb938.bc3b28  
msg.payload : Object  
▼ object  
date: "19-07-2021"  
time: "20:48 PM"

7/19/2021, 9:10:11 PM node: ca1eb938.bc3b28  
msg.payload : Object  
▶ { date: "19-07-2021", time: "21:10" }

7/19/2021, 9:29:33 PM node: ca1eb938.bc3b28  
msg.payload : Object  
▶ { date: "19-07-2021", time: "21:29" }

## Data stored in the cloudant data base

assignment5 > d6329622ca153b94954394b151ebb9dd

{ } JSON

Save Changes

Cancel

Upload Attachment

Clone Document

Delete

1- [

2    "\_id": "d6329622ca153b94954394b151ebb9dd",

3    "\_rev": "1-9b16aa0864a08b977e9f7365a9834118",

4    "payload": {

5      | "date": "19-07-2021",

6      | "time": "21:10"

7      },

8    "socketid": "8Ht8RQtA688vGxHDAaA9"

9    }