

ASSIGNMENT-5

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The screenshot shows a web browser window with a Node-RED interface. The browser's address bar displays the URL: `node-red-todxw-2021-07-13.eu-gb.mybluemix.net/ui/#/07/socketid=AWTE8fDP2UGMH0HAAAD`. The browser's tab bar shows several open tabs, including "Apps", "Gmail", "YouTube", "Maps", "General (ECE2004 ...)", "Vellore Institute of...", and "New Tab". The Node-RED interface has a blue header bar with the text "assignment5". Below the header, there is a light gray background. In the center, there is a white box with the title "level". Inside this box, there are two input fields: "date" with the value "17-07-2021" and a calendar icon, and "time" with the value "02:54" and a clock icon. Below these fields are two blue buttons: "SUBMIT" and "CANCEL".

node-red-todxw-2021-07-13.eu-gb.mybluemix.net/red/#flow/392f4182.388ace

Node-RED

filter nodes

visual recognition V4 collection utilities

dashboard

- switch
- button
- slider
- text input
- numeric
- date picker
- form
- dropdown
- colour picker
- text
- audio out

Edit form node

Properties

Group: [assignment5] level

Size: auto

Label: optional label

Form elements

| Label | Name | Type | Required | UIRows | Remove |
|-------|------|------|-------------------------------------|--------|--------|
| date | date | Date | <input checked="" type="checkbox"/> | | |
| time | time | Time | <input checked="" type="checkbox"/> | | |

Buttons: submit, cancel

Enabled

dashboard

Layout Site Theme

Tabs & Links

- assignment5
 - level
 - form

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Node-RED

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Flow 1

Flow 2

Edit cloudant out node

Properties

Service: node-red-todxw-2021-cloudant-1626170582

Database: v1

Operation: insert

☐ Only store msg.payload object?

Name: Name

Enabled

dashboard

Layout Site Theme

Tabs & Links

- assignment5
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Browser window showing a dashboard URL: f5a071a9-4922-4225-b7db-0f1782c326b8-bluemix.cloudant.com/dashboard.html#database/v1/835369eda708482454e832228b76eb06

Dashboard view for database **v1** with ID **835369eda708482454e832228b76eb06**. The view displays a single document with the following JSON structure:

```
{
  "_id": "835369eda708482454e832228b76eb06",
  "_rev": "1-61744e25b3d59b1bfaad602abbca7ae8",
  "payload": {
    "date": "2021-07-17T18:30:00.000Z",
    "time": "1970-01-01T18:14:00.000Z"
  },
  "socketid": "ANTE8FFDP2UGH0HAAAD"
}
```

Buttons: Save Changes, Cancel, Upload Attachment, Clone Document, Delete.

Node-RED interface showing a flow with the following components:

- form** node (input)
- msg.payload** node (output)
- v1** node (output)

The flow is connected as follows: **form** → **msg.payload** → **v1**.

Left sidebar: filter nodes, dashboard, switch, button, slider, text input, numeric, date picker, form, dropdown, colour picker, text, audio out.

Right sidebar: Layout, Site, Theme, Tabs & Links, assignment5, level, form.