

Project Development Phase Sprint-2

| | |
|--------------|---|
| Date | 19 November 2022 |
| Team ID | PNT2022TMID18102 |
| Project Name | Hazardous area monitoring for industrial plant powered by IoT |

The screenshot shows a Node-RED flow with the following logic:

- when Clock1 .Timer** (Trigger)
- do**
 - set Web1 .Url** to "https://node-red-xcrdb-2022-10-10.au-syd.mybluem..."
 - call Web1 .Get**
- when Web1 .GotText** (Event)
- do**
 - url** (responseCode) **responseType** **responseContent**
 - set Label3 .Text** to **look up in pairs** key **"temp"**
 - pairs** **call Web1 .JsonTextDecode** **jsonText** **get responseContent**
 - notFound** **"not found"**
 - set Label5 .Text** to **look up in pairs** key **"hum"**
 - pairs** **call Web1 .JsonTextDecode** **jsonText** **get responseContent**
 - notFound** **"not found"**
 - if** **"1"** **=""** **look up in pairs** key **"status"**
 - pairs** **call Web1 .JsonTextDecode** **jsonText** **get responseContent**
 - notFound** **"not found"**

Additional UI elements visible include a warning icon, zoom controls, and a trash icon.

The continuation of the Node-RED flow includes the following logic:

- if** **"1"** **=""** **look up in pairs** key **"status"**
 - pairs** **call Web1 .JsonTextDecode** **jsonText** **get responseContent**
 - notFound** **"not found"**
- then** **set Label8 .Text** to **"Danger"**
- else** **set Label8 .Text** to **"Normal"**
- Event indicating that a request has finished.**
- when Button1 .Click**
 - do**
 - set Web2 .Url** to "https://node-red-xcrdb-2022-10-10.au-syd.mybluem..."
 - call Web2 .Get**
- when Button2 .Click**
 - do**
 - set Web2 .Url** to "https://node-red-xcrdb-2022-10-10.au-syd.mybluem..."
 - call Web2 .Get**

Additional UI elements visible include a warning icon, zoom controls, and a trash icon.

