

# DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

## WRITE A FUNCTION TO COMPARE THE TIME

|                     |                                                      |
|---------------------|------------------------------------------------------|
| <b>Date</b>         | 22 October 2022                                      |
| <b>Team ID</b>      | PNT2022TMID31006                                     |
| <b>Project Name</b> | Personal Assistance For Seniors Who Are Self Reliant |

### Node-Red Service:

The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL `127.0.0.1:1880/#flow/b65d07dea316d77e`. The interface includes a left sidebar with a 'filter nodes' search bar and two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link call, link out, comment) and 'function' (function, switch, change, range). The main workspace is titled 'Edit function node' and contains a function node named 'function 13'. The 'On Message' tab is selected, showing the following JavaScript code:

```
1 var d = new Date();
2 var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
3 var offset = 5.5;
4 // @ts-ignore
5 newDate = new Date(utc + (3600000 * offset));
6 // @ts-ignore
7 var n = newDate.toISOString()
8 var date = n.slice(0, 10)
9 var time = n.slice(11, 16)
10 global.set('time', time)
11 msg.payload = date + " " + time
12 return msg;
13
```

At the bottom of the interface, there is a status bar showing '29°C Cloudy' on the left and system information on the right, including 'ENG IN', signal strength, and the date/time '02:13 PM 07-11-2022'.