

Project Development Phase (Sprint – 2)

Date	29 October 2022
Team ID	PNT2022TMID14815
Project Name	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT

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Project Name: Personal Assistance for Seniors Who Are Self-Reliant

Develop a Web Application Using Node-Red Service

Creating a Form :

The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL: 159.122.174.136:30789/red/#flow/dc0152b33edbedf0. The interface is divided into several sections:

- Left Panel (Nodes):** A search bar labeled 'filter nodes' is at the top. Below it, a list of nodes is shown, including 'natural language understanding V1 model manager', 'speech to text', 'speech to text custom builder', 'text to speech', 'text to speech custom builder', 'tone analyzer v3', and a 'dashboard' section with 'button', 'dropdown', and 'switch' nodes.
- Flow Canvas:** A grid area labeled 'Flow 1' is visible in the background.
- Right Panel (Edit form node):** This panel is titled 'Edit form node' and contains a 'Delete' button, 'Cancel', and 'Done' buttons. It has a 'Properties' section with a 'Group' dropdown set to '[Personal Assistance for Seniors Who Are Self-Reliant] Team Id : PNT2022TMID42536'. Below this, there are fields for 'Size' (set to 'auto') and 'Label' (set to 'optional label').
- Form Elements Table:** A table lists the form elements being configured:

	Label	Name	Type	Required	UiRows	Remove
≡	Enter Medicine Name	name	Text	<input checked="" type="checkbox"/>		
≡	Time (HH:MM:SS)	time	Time	<input checked="" type="checkbox"/>		
≡	Date (DD/MM/YY)	date	Text	<input checked="" type="checkbox"/>		
- Buttons:** At the bottom, there are 'Buttons' with a 'submit' button and a 'Reset' button.
- Enabled:** A checkbox labeled 'Enabled' is at the bottom left of the right panel.

Write a Function to Compare the Time :

The screenshot shows the Node-RED web interface. On the left, a sidebar contains various nodes categorized under 'filter nodes' and 'dashboard'. The main workspace displays 'Flow 1' with a sequence of nodes: a 'timestamp' node, a 'function' node, a 'delay 10s' node, and a 'form' node. The 'function' node is selected, and its configuration panel is open on the right. The 'Properties' tab is active, showing a 'Name' field and tabs for 'Setup', 'On Start', 'On Message', and 'On Stop'. The 'On Message' tab is selected, displaying a JavaScript code editor with the following code:

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

At the bottom of the configuration panel, there is an 'Enabled' checkbox which is currently unchecked.