

DEVELOP A WEB APPLICATION USING NODE-RED SERVICE.

Date	14 November 2022
Team ID	PNT2022TMID41264
Project Name	Project – SMART SOLUTIONS FOR RAILWAYS
Maximum Marks	4 Marks

The screenshot displays the Node-RED web application interface in a browser. The URL is `node-red-oomt-2022-11-07.au-syd.mybluemix.net/red/#flow/afd57a1037297cee`. The interface shows a flow named "Flow 1" with the following components:

- Destination Station** (light blue node) connected to **Destination** (orange function node).
- Train Name** (light blue node) connected to **Train** (orange function node).
- IBM IoT** (blue node) connected to **msg.payload** (green node) and **worldmap** (orange node).
- msg.payload** (green node) connected to **worldmap** (orange node).

The **debug** console on the right shows the following log entries:

```
11/18/2022, 3:10:53 PM node: 5a5f2a425c2c7d03  
iot-2?type=NodeMCU/id/12345/ev/status/fmt/json :  
msg.payload : Object  
{ name: "Train1", lat: 13.000988,  
lon: 77.674746 }  
11/18/2022, 3:10:56 PM node: 5a5f2a425c2c7d03  
iot-2?type=NodeMCU/id/12345/ev/status/fmt/json :  
msg.payload : Object  
{ name: "Train1", lat: 13.104706,  
lon: 77.591532 }  
11/18/2022, 3:10:59 PM node: 5a5f2a425c2c7d03  
iot-2?type=NodeMCU/id/12345/ev/status/fmt/json :  
msg.payload : Object  
{ name: "Train1", lat: 13.818805,  
lon: 77.500015 }  
11/18/2022, 3:11:02 PM node: 5a5f2a425c2c7d03  
iot-2?type=NodeMCU/id/12345/ev/status/fmt/json :  
msg.payload : Object  
{ name: "Train1", lat: 15.39683,  
lon: 77.864205 }
```

The bottom status bar shows the system clock as 15:11 on 18-11-2022, with weather information (28°C Sunny) and system icons.

