

Project Development Phase
Sprint-2

Team ID	PNT2022TMID12332
Project Name	Project – Signs with Smart Connectivity for Better Road Safety
Maximum Marks	8 Marks

SPRINT 2:


- ✓ In this phase we done the devices details and Node-Red module .The Node-RED in IBM cloud. It is flow-based programming tool for wiring together hardware devices, APIs, and online services. Create event-based apps with simple flow-based programming.
- ✓ Node-RED allows you to create functionality by wiring together flows of data between nodes using a browser. And it has gained tremendous popularity in the IoT space, by modeling bits of application functionality between IoT devices like sensors, cameras, and wireless routers.

Interfaces




Add Device

Diagnose

 Search by Device ID

Device Simulator 



<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	1111	 Disconnected	Event_1	Device	Nov 4, 2022 2:49 PM
> <input type="checkbox"/>	1234	 Disconnected	Event_1	Device	Oct 28, 2022 3:17 PM
> <input type="checkbox"/>	Event_1_1	 Disconnected	Event_1	Device	Oct 28, 2022 4:01 PM

Browse Antion Device Types Irterfaces

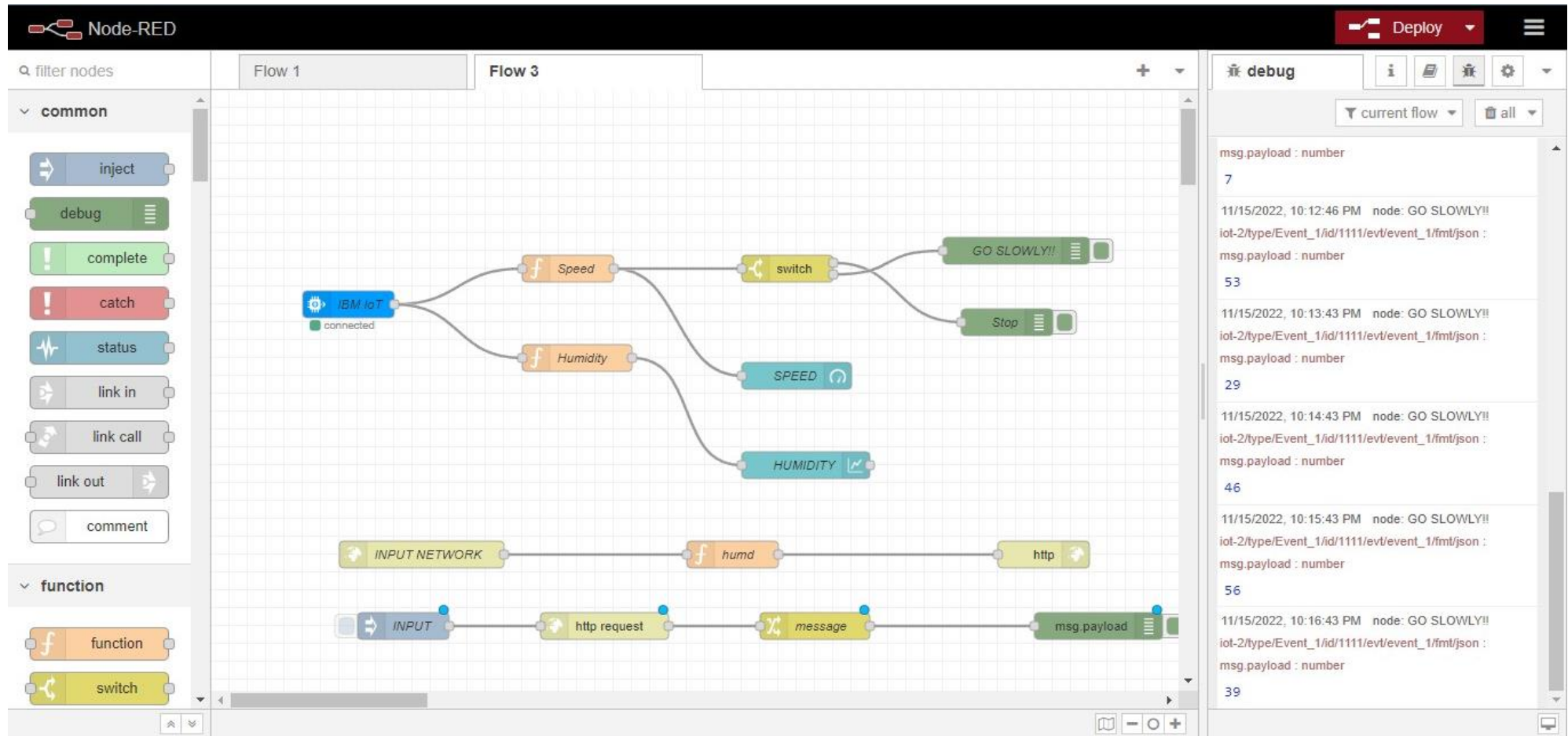
Add Device +

The recent events listed show the live stream of data that is coming and going from this devirx

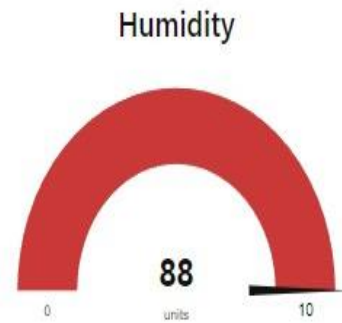
Event	YBlue	Formag	Last Received
event 1	("Temperature":15."Speed":37."Humidity":9B]	json	a few seconds ago
event 1	("Temperature":95."Speed":B3."Humidity":99]	json	a minute ago
event 1	("Temperature":21."Speed":47."Humidity":91]	json	2 minutes ago
event 1	("Temperature":14."Speed":38."Humidity":91]	json	3 minutes ago
event 1	("Temperature":96."Speed":34."Humidity":83]	json	4 minutes ago

1 Simulation running

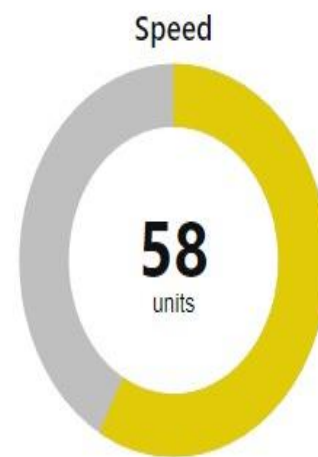
Node-Red Connection and Dashboard Design



Humidity



Speed



Moisture

