Project Development Phase
Sprint-2

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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.

IOT WATSON DEVICES DETAILS

Browse   Action   Device Types   Interfaces   **Add Device** ⊕

Browse Devices

All Devices	Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

🔍 Search by Device ID   Device Simulator ⬤ |0| ▽

		Device ID	Status	Device Type	Class ID	Date Added
>	☐	1111	⬚ Disconnected	Event_1	Device	Nov 4, 2022 2:49 PM
>	☐	1234	⬚ Disconnected	Event_1	Device	Oct 28, 2022 3:17 PM
>	☐	Event_1_1	⬚ Disconnected	Event_1	Device	Oct 28, 2022 4:01 PM

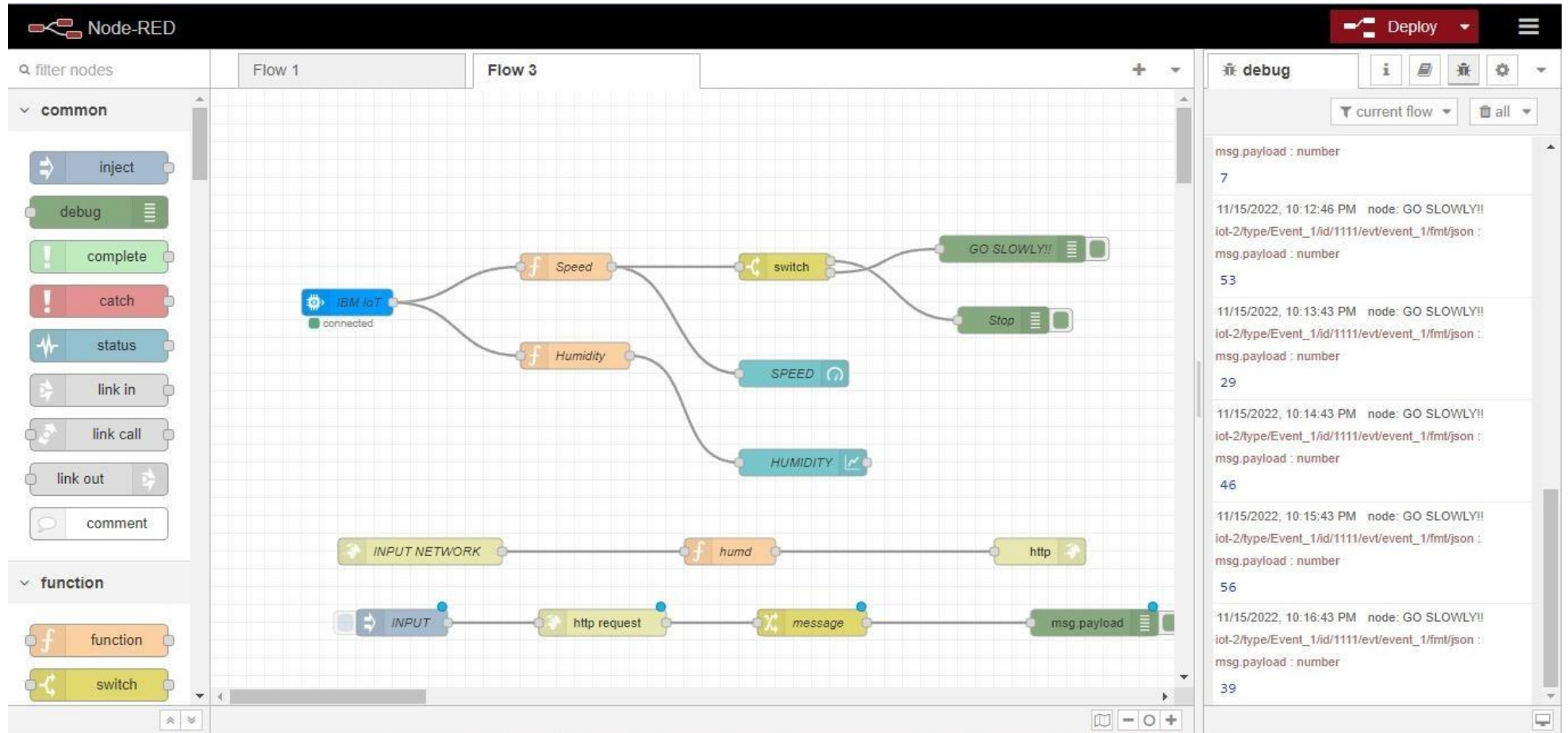Browse   Antion   **Device** Types   Irrterfaces   **Add Device** ⊕

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

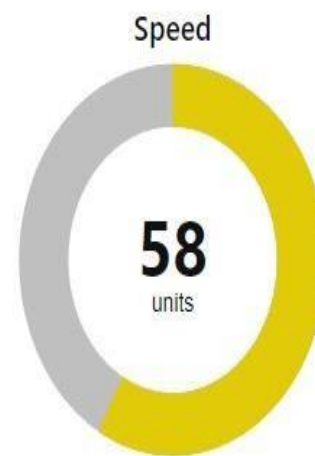| Event	YBlue	Formag	Last Received
event 1	("Temperature":15."Speed":37."Humidity":9B]	json	a few seconds ago
event 1	("Temperature":95."Speed":B3."Humidity":99]	json	a minute ago
event 1	("Temperature":21."Speed":47."Humidity":91]	json	2 minutes ago
event 1	("Temperature":14."Speed":38."Humidity":91]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

Humidity

88
units

0   10

Moisture

100
90
80
70
60
50

21:43:00   21:53:00   22:03:00   22:15:00

Speed

Speed

58
units