SPRINT - 04

Date :	16 November 2022
Team ID :	PNT2022TMID47905
Project Name	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

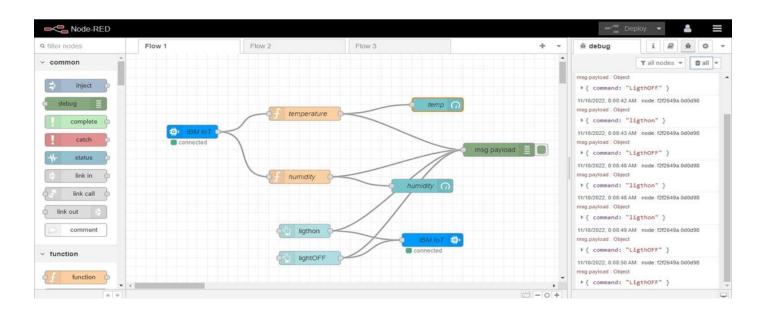
SPRINT GOAL:

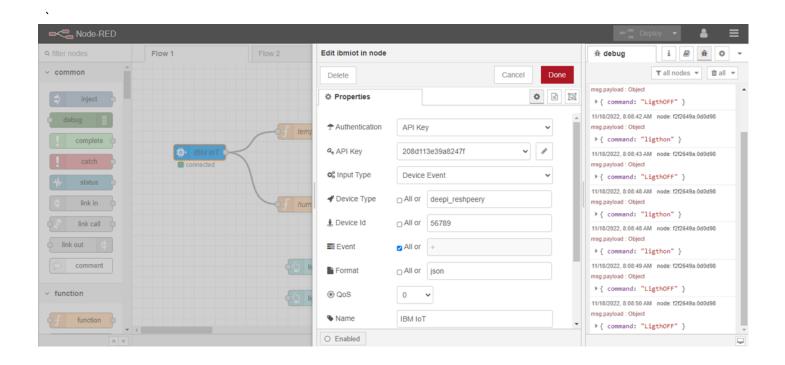
Optimize all the shortcomings and provide better user experience.

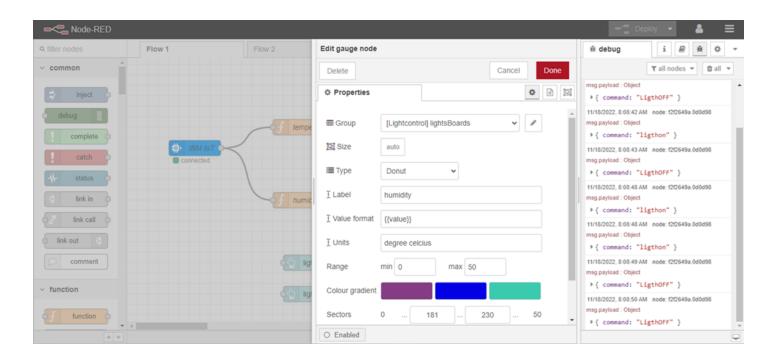
Process 01:

Aim: Having a USER INTERFACE method to get the Light system in Road Safety

Platform: NODE-RED







OUTPUT:

User Interface (UI):



OUTPUT:

```
11/18/2022, 8:08:42 AMnode: f2f2649a.0d0d98msg.payload : Object { command: "ligthon" }

11/18/2022, 8:08:43 AMnode: f2f2649a.0d0d98msg.payload : Object { command: "LigthOFF" }

11/18/2022, 8:08:48 AMnode: f2f2649a.0d0d98msg.payload : Object { command: "ligthon" }

11/18/2022, 8:08:48 AMnode: f2f2649a.0d0d98msg.payload : Object { command: "ligthon" }

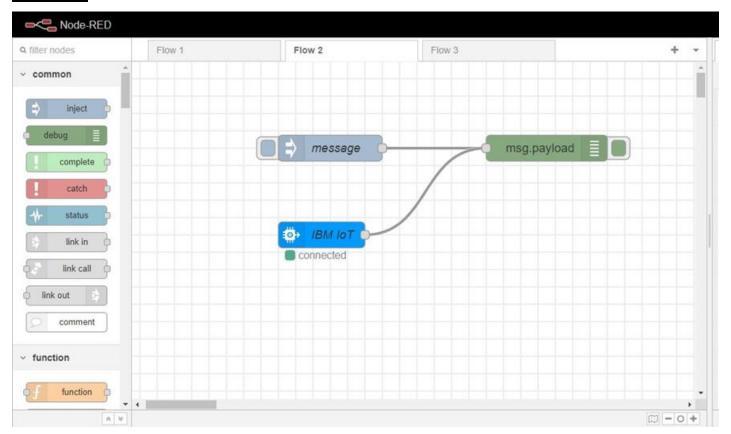
11/18/2022, 8:08:49 AMnode: f2f2649a.0d0d98msg.payload : Object { command: "LigthOFF" }
```

Process 02:

Aim: Having a Temperature and Humidity in Road Safety

Platform: NODE-RED

OUTPUT:



2/type/ jerom /id/1234/evt/event_1/fmt/json : msg.payload : Object

{ temperature: 63, humidity: 17 }

11/21/2022, 8:21:57 AMnode: 86ccf52288ce7c49iot-2/type/jerom/id/1234/evt/event_1/fmt/json: msg.payload: Object { temperature: 46, humidity: 18 }

11/21/2022, 8:21:57 AMnode: 86ccf52288ce7c49iot-2/type/jerom/id/1234/evt/event_1/fmt/json: msg.payload: Object { temperature: 34, humidity: 27 }

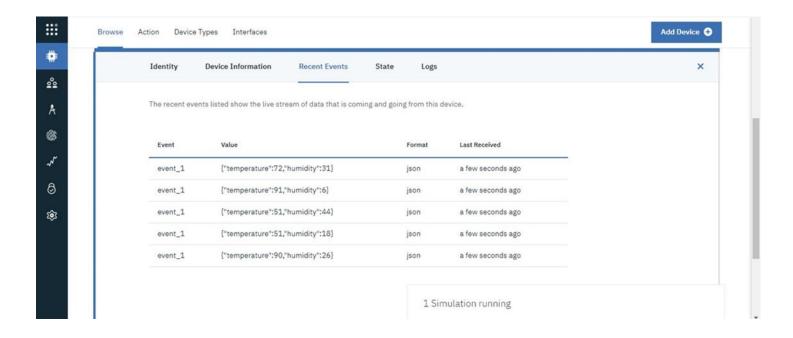
11/21/2022, 8:21:57 AMnode: 86ccf52288ce7c49iot-2/type/jerom/id/1234/evt/event_1/fmt/json: msg.payload: Object { temperature: 83, humidity: 18 }

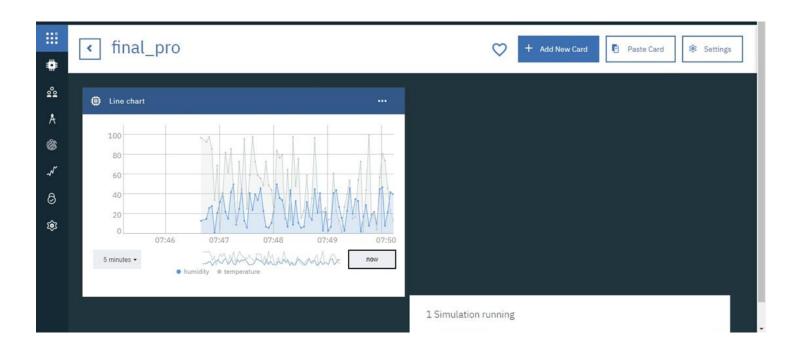
11/21/2022, 8:21:57 AMnode: 86ccf52288ce7c49iot-2/type/jerom/id/1234/evt/event_1/fmt/json: msg.payload: Object { temperature: 97, humidity: 34 }

11/21/2022, 8:23:15 AMnode: 86ccf52288ce7c49iot-2/type/jerom/id/1234/evt/event_1/fmt/json: msg.payload: Object { temperature: 97, humidity: 34 }

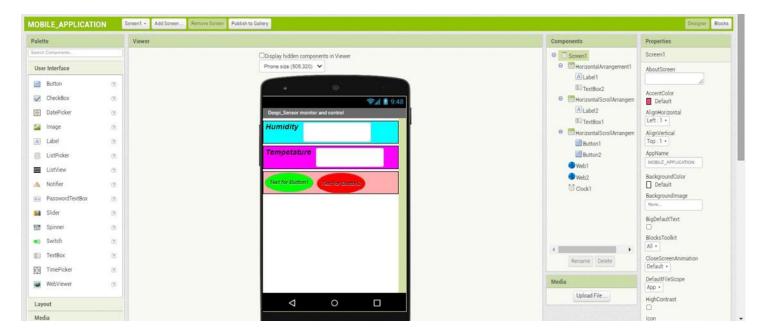
NODE-RED to IBM cloud

LINE CHART





By the use of MIT- APP inventor



Conclusion:

Hence by the use of NODE_RED and the IBM cloud we set an identification of temperature and the alertness for the safety vehicle in Road Safety

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