Project Development PhaseSprint II
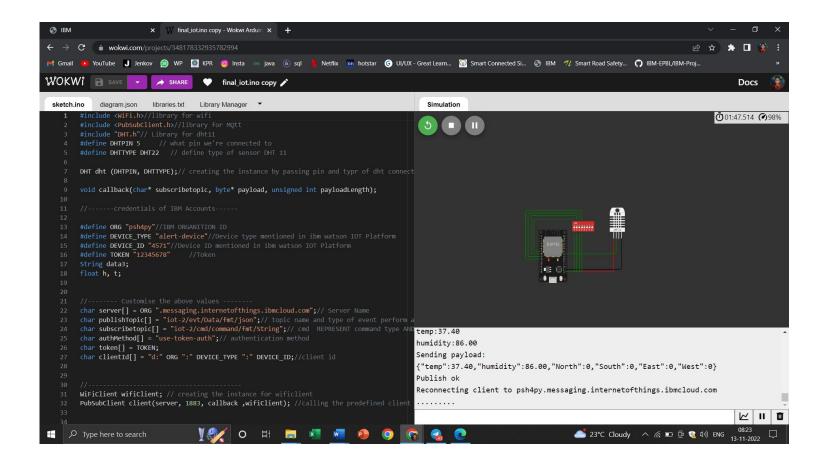
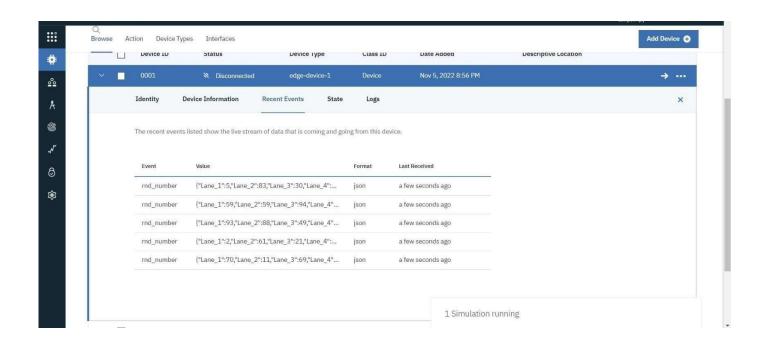|	
Date	11 November 2022
Team ID	PNT2022TMID12305
Project Name	Signs with Smart Connectivity for better road safety

SPRINT TARGETS:

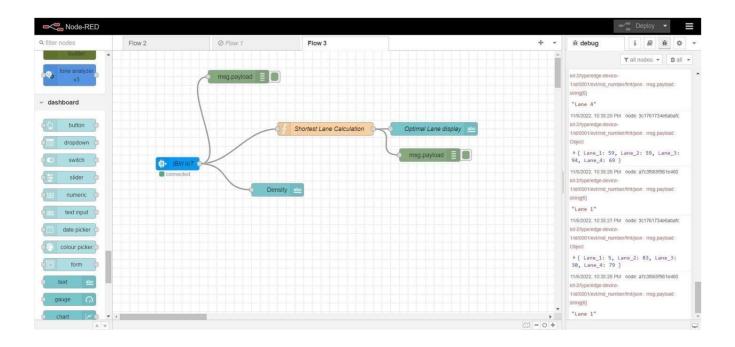| Sprint	Functional Requirement (Epic)	UserStory Number	UserStory/Task	Story Points	Priority	Team Members
Sprint-2	Safe Ride	USN-4	As a traveler , I should have a hustie free journey	20	Medium	Ghavanamani Naveen Maheshwaran Hariharan

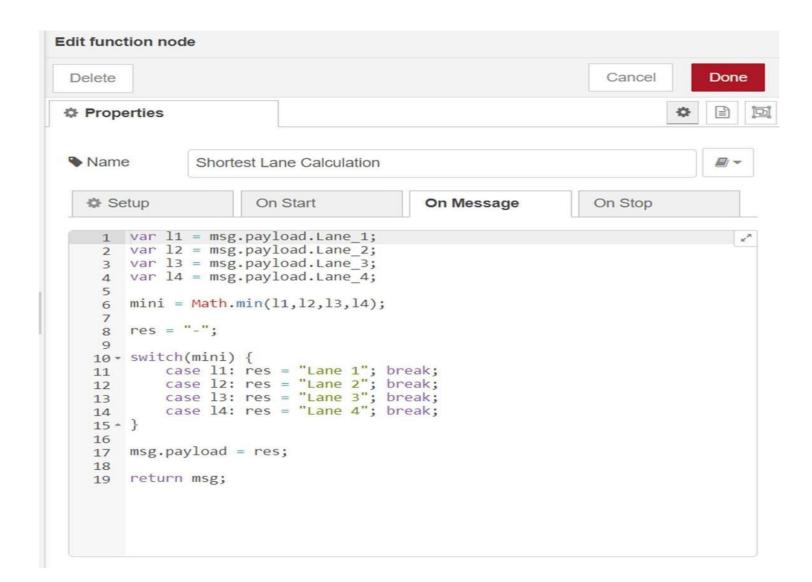**Wokwi Simulation**: https://wokwi.com/projects/348178332935782994

IoT Device – IoT Platform

Node Red

Edit function node

Delete   Cancel   Done

⚙ **Properties**   ⚙ 📄 🔲

🏷 Name   Shortest Lane Calculation   📖 ▾

⚙ Setup   On Start   **On Message**   On Stop

```
1   var l1 = msg.payload.Lane_1;
2   var l2 = msg.payload.Lane_2;
3   var l3 = msg.payload.Lane_3;
4   var l4 = msg.payload.Lane_4;
5
6   mini = Math.min(l1,l2,l3,l4);
7
8   res = "-";
9
10 ▾ switch(mini) {
11       case l1: res = "Lane 1"; break;
12       case l2: res = "Lane 2"; break;
13       case l3: res = "Lane 3"; break;
14       case l4: res = "Lane 4"; break;
15 ▴ }
16
17  msg.payload = res;
18
19  return msg;
```

Node Red Web UI