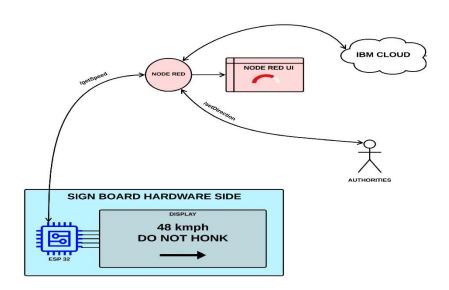
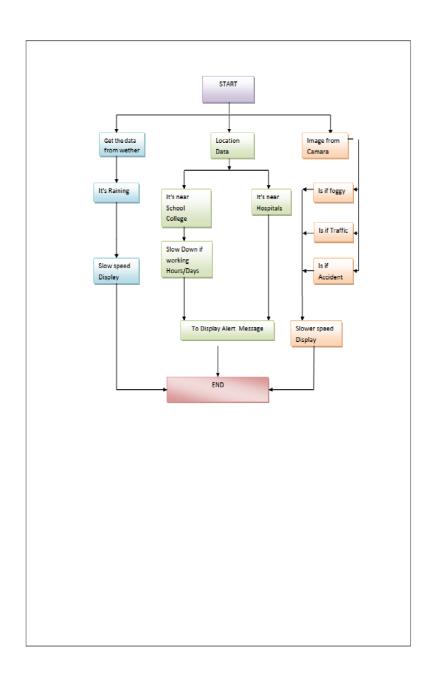
# Sprint 3

Date	13 November 2022	
Team ID	PNT2022TMID46743	
Project Name	Signs with smart connectivity for Better road safety	
Maximum Marks	4 Marks	

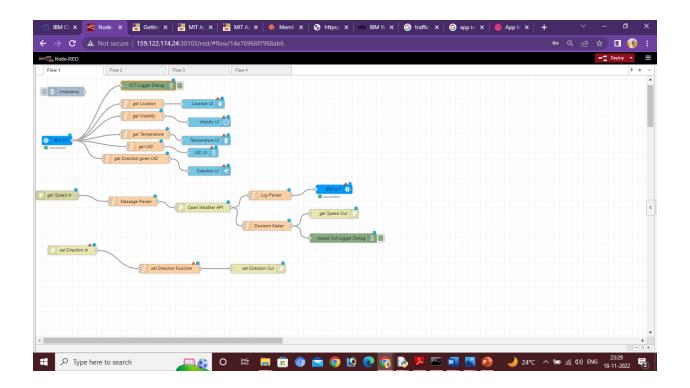
### Process Flow:



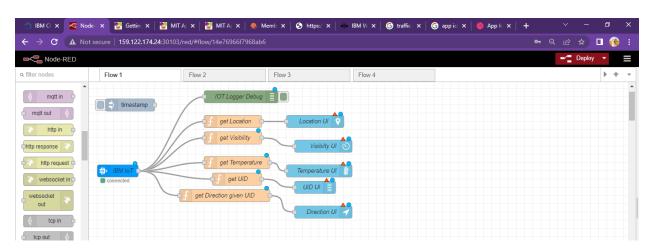
### Code Flow:



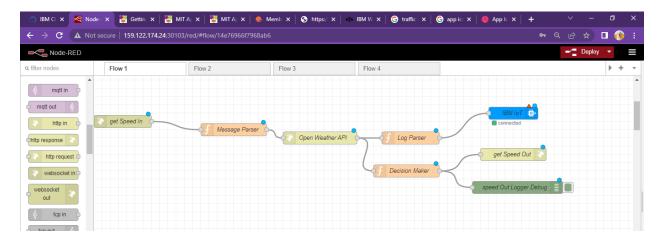
Node RED:



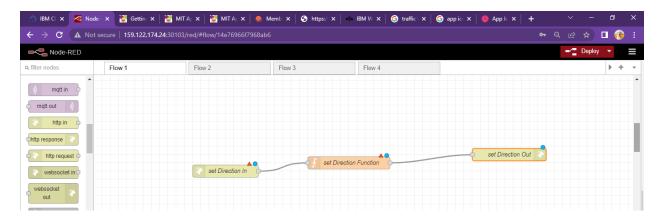
#### 1. Node Flow:



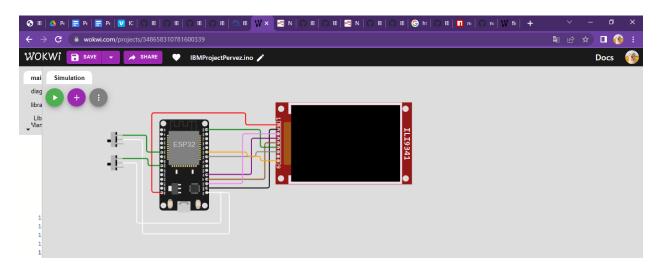
### 2. /getSpeed API Flow:



### 3. /setDirection API Flow:

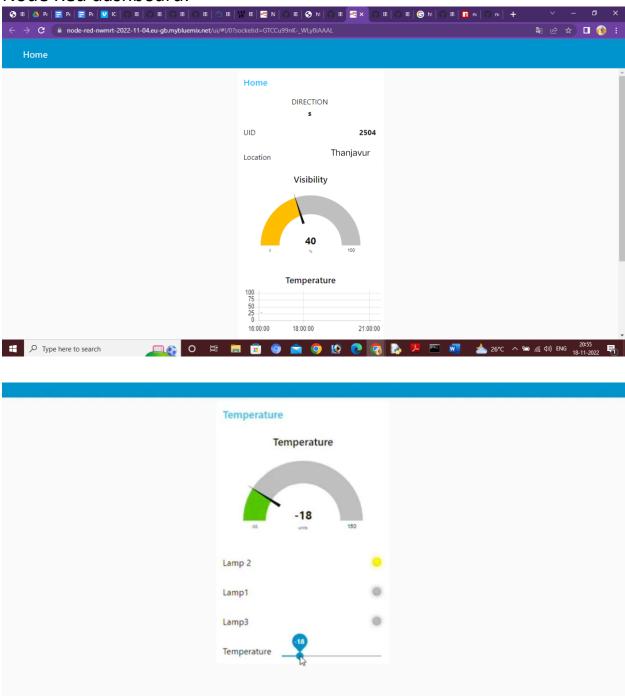


## Wokwi Circuit: Circuit Diagram:



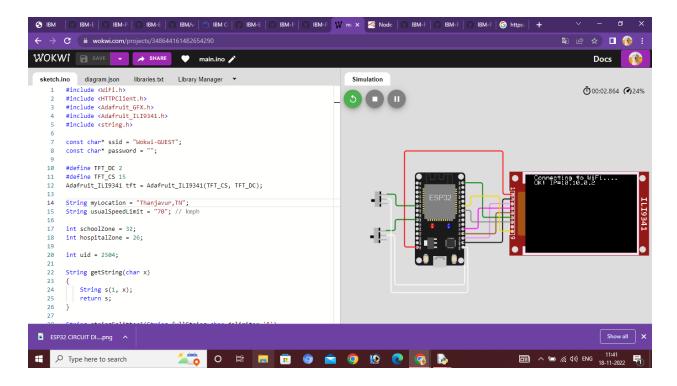
# Output:

## Node Red dashboard:

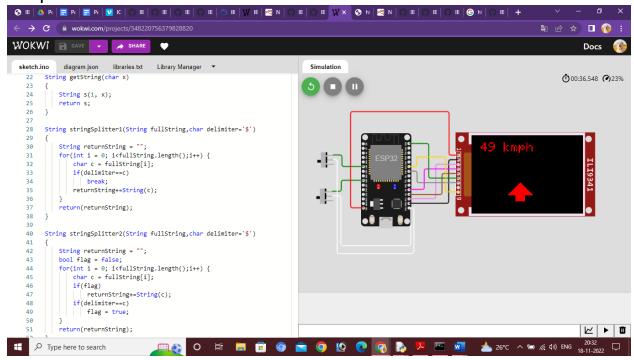


Wokwi output:

### Output 1:



## Output 2:



## Output 3:

```
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                diagram.json libraries.bt Library Manager *
          String getString(char x)
                                                                                                                                                                                Ō00:36.548 €23%
                                                                                             900
          String s(1, x);
return s;
          String stringSplitteri(String fullString,char delimiter='5')
               String returnString = "";
for(int i = 0; infullString.length();i++) {
   char c = fullString[i];
   if(delimiter==c)
                  | break;
returnString+-String(c);
             return(returnString);
          String stringSplitter2(String fullString,char delimiter='$')
              String returnString = ";

bool flag = false;

for(int i = 0; icfullString.length();i++) {
    char c = fullString[i];
    if(flag)
        returnString=String(c);
    if(delimiter=c)
        | flag = true;
}
               }
return(returnString);

    ⊕ Type here to search
```

# Output 4:

```
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 WOKWI 🗎 SANT
                                                                                                                                   Docs
           diagram json libraries.bt Library Manager *
                                                                     Simulation
  sketch.ino
   22 String getString(char x)
                                                                                                                              ⊙00:36.548 (?)23%
                                                                    23
           String s(1, x);
    25
          return s;
    26
    27
    28
        String stringSplitteri(String fullString,char delimiter='$")
    29
                                                                                                      •
           String returnString = "";
           for(int i = 0; icfullString.length();i++) {
    char c = fullString[i];
    31
    32
              if(delimiter==c)
    34
                 break;
    35
             returnString=-String(c);
    37
           return(returnString);
    3.0
    49
        String stringSplitter2(String fullString,char delimiter='$')
    41
    42
           String returnString = "";
           bool flag = false;
for(int i = 0; icfullString.length();i++) {
    char c = fullString[i];
    43
    44
    45
    47
                 returnString+-String(c);
              if(delimiter==c)
    48
             flag = true;
           return(returnString);
    51
                                                                                                                                   ∠ ► 0
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```

### Output 5:

