SPRINT – 1

DATE	29 OCTOBER 2022
TEAM ID	PNT2022TMID52824
PROJECT NAME	SMART SOLUTION FOR RAILWAYS

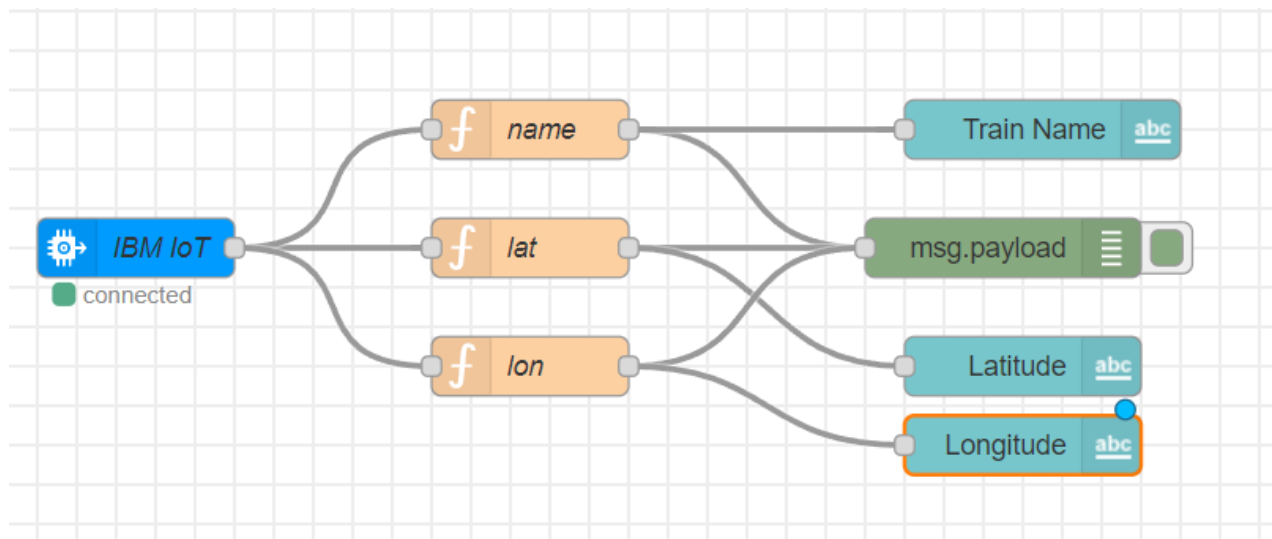## PROCEDURE:

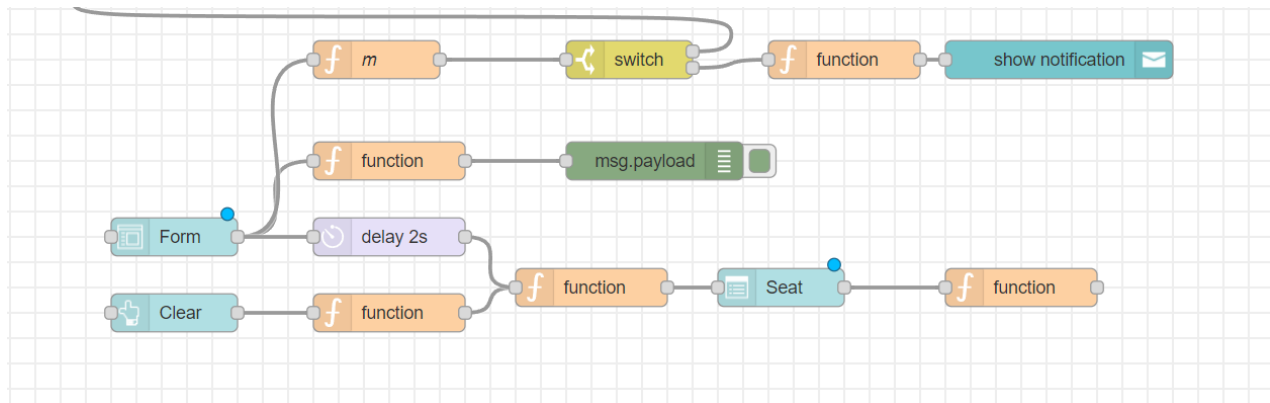**Step1**: Develop node red application

Step2: Install the required nodes from manage palette option

Step3: Connect the node flow

WEB APPLICATION:

NODES TO BOOK TRAIN:

FUNCTION NODE COMMAND TO INDICATE THE AVAILABLE SEATS:

```
var a = global.get('a')

var s = []

for (let i = 0; i<a.length;i++){

    s.push(a[i])

}

if (s.length == 0){

    msg.options = [{"No seats available":0}]

}

else{

    msg.options = s

}

msg.payload = s

return msg;
```

FUNCTION NODE COMMAND TO CHOOSE THE AVAILABLE SEATS:

```
var s = global.get('s')

var a = global.get('a')

function rem(x){

   for(let i=0; i<a.length; i++){

     if(a[i]==x){

        a.splice(i,1)

     }

   }

}

if(s==1){

   global.set('s1',s)

   rem(s)

}

else if(s == 2){

   global.set('s2',s)

   rem(s)

}

else if(s == 3){

   global.set('s3',s)

   rem(s)

}

else if(s == 4){
```

```
    global.set('s4',s)

    rem(s)

}

else if(s == 5){

    global.set('s5',s)

    rem(s)

}

return msg;
```

FORM DETAILS:

SEAT DROPDOWN BOX: