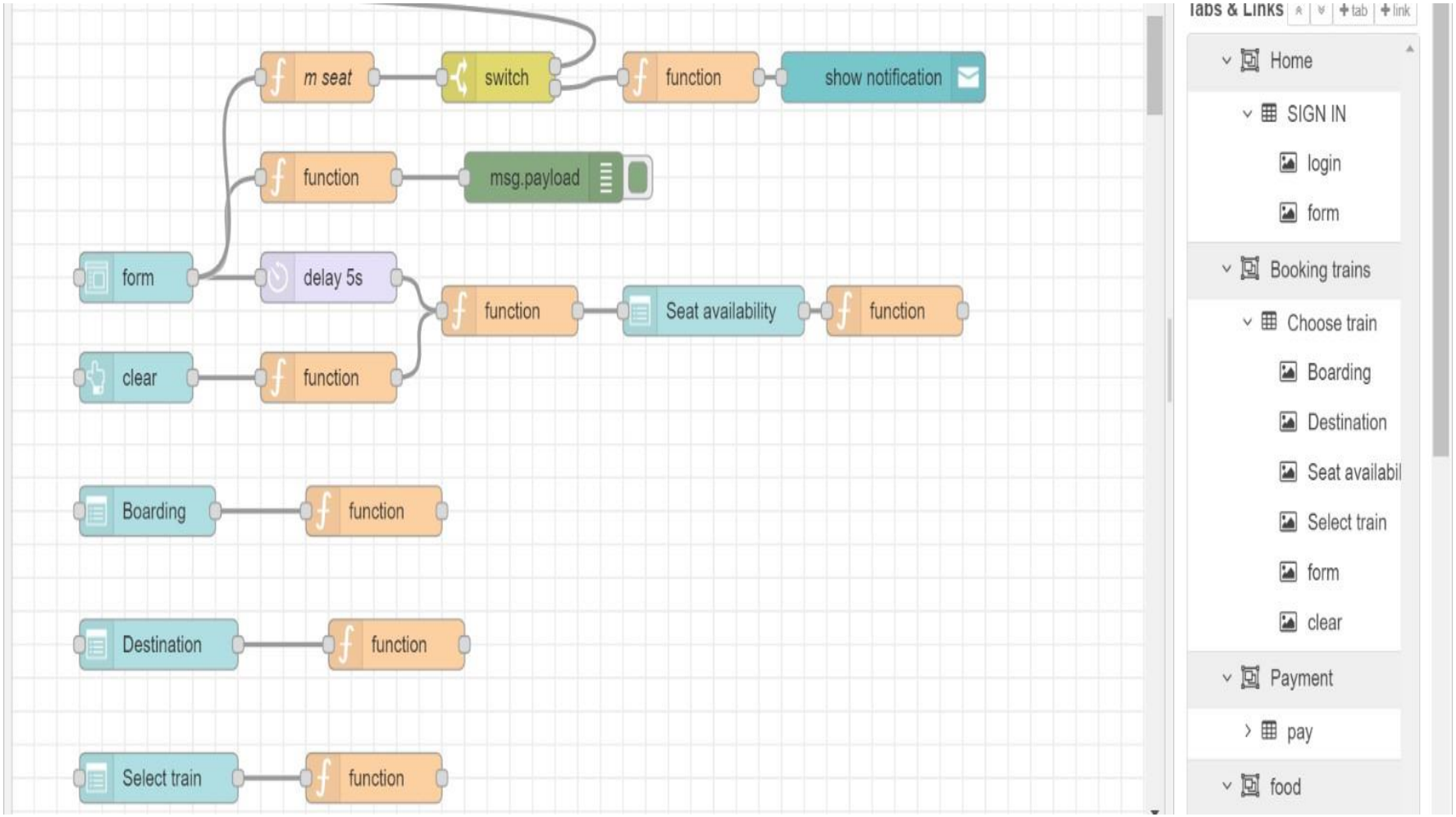
SPRINT-2

Date	06 NOVEMBER 2022
Team ID	PNT2022TMID26022
Project Name	SMART SOLUTIONS FOR RAILWAYS

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==0;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:

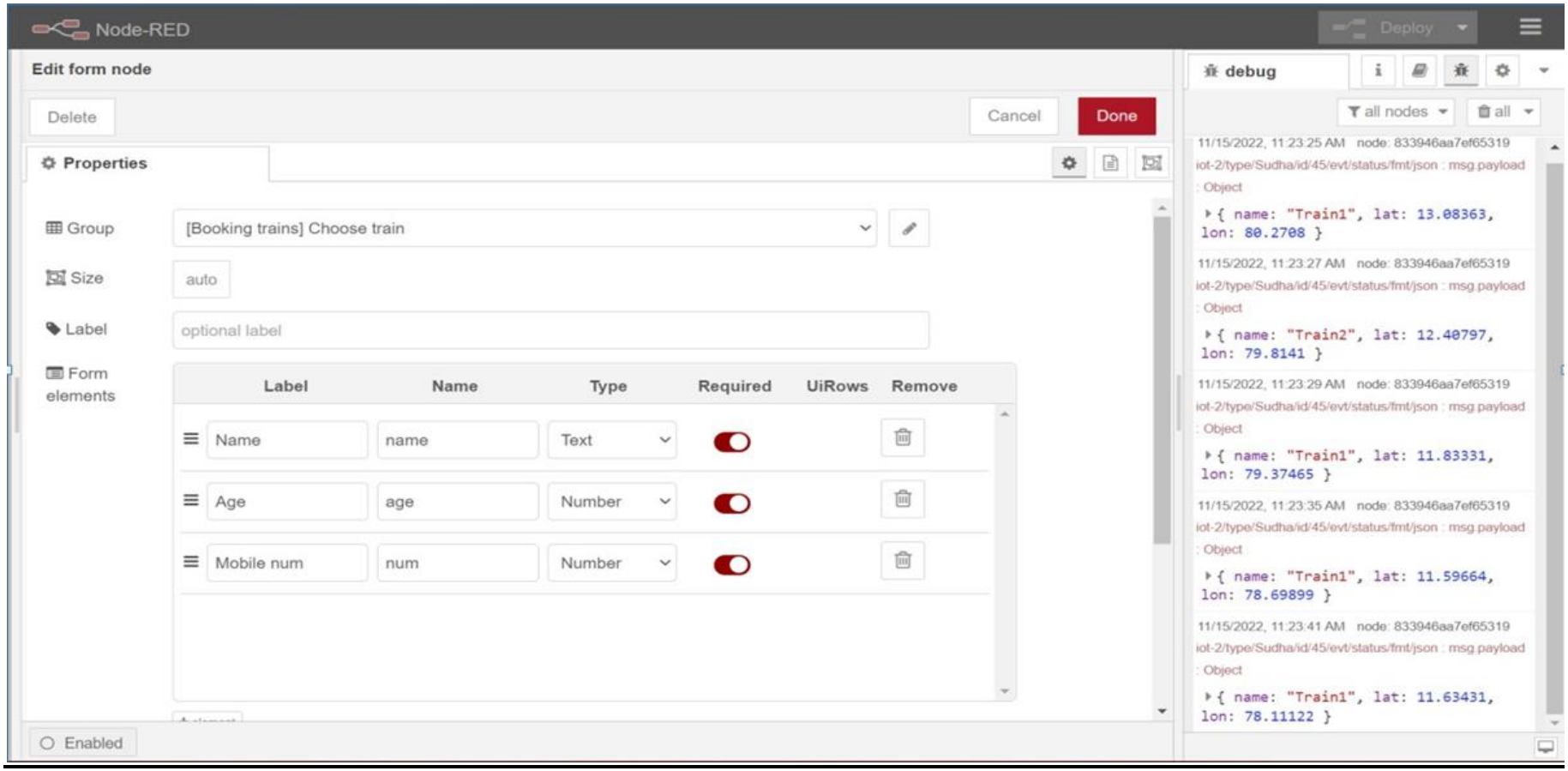
```
var s=global.get('s')
var a=global.get('a')
function reg(x){
   for(let i=0;i<a.length;i++){if(a[i]==x){
         a.splice(i,1)
      }
   }
}
```

```
if(s==1){
  global.set('s1',s)
  reg(s)
  }
  else if(s==2){
       global.set('s2',s)
       reg(s)
  }
  else if(s==3){
    global.set('s3',s)
    reg(s)
  }
  else if(s==4){
     global.set('s4',s)
    reg(s)
  }
  else if(s==4){
    global.set('s4',s)
    reg(s)
  }
  return msg;
```

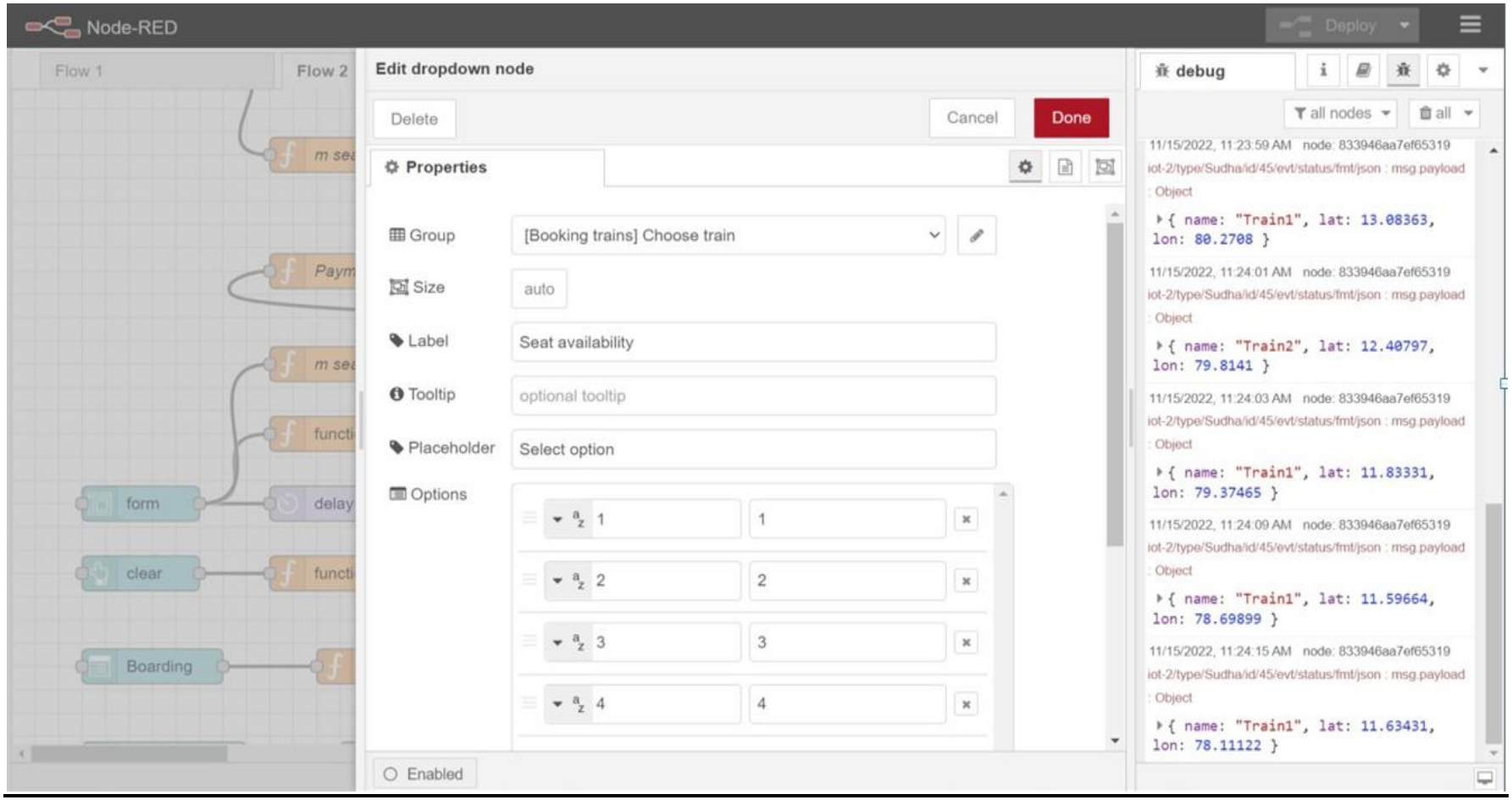
FUNCTION NODE COMMAND TO STORE DATA IN DATABASE:

```
var m=global.get('m')
var d=new Date();
var utc=d.getTime()+(d.getTimezoneOffset()*60000);
var offset=5.5;
newDate=new Date(utc+(3600000*offset));
var n=newDate.toISOString()
var date=n.slice(0,10)
var time=n.slice(11,19)var
d1=date+','+time msg.payload={
  "_id":d1,
  "Name":m.Name,
  "Age":m.Age,
  "Mobile":m.Num,
   "boarding":global.get('b'),
  "destination":global.get('d'),
  "Seat":global.get('s')
}
return msg;
```

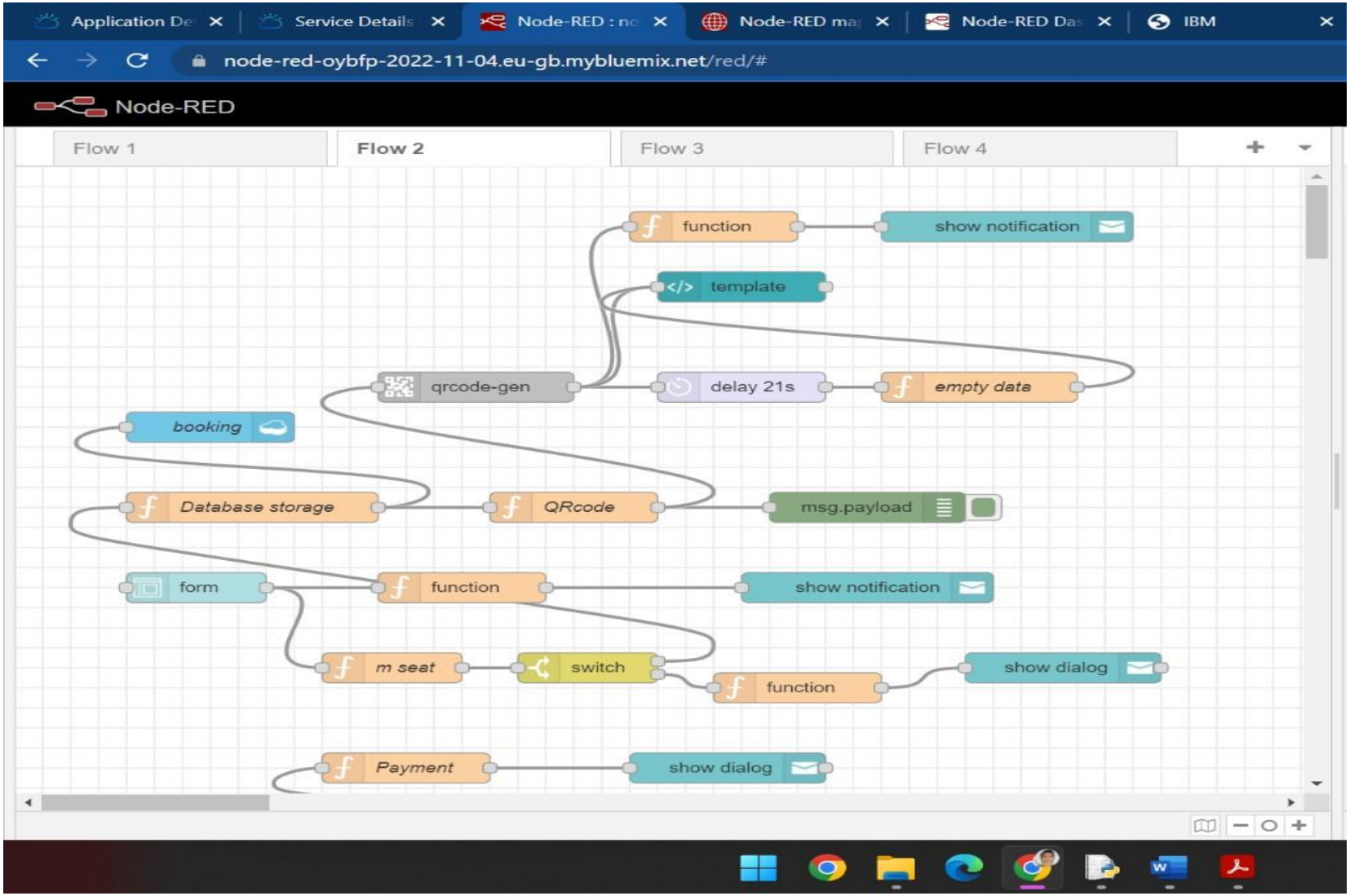
FORM DETAILS:



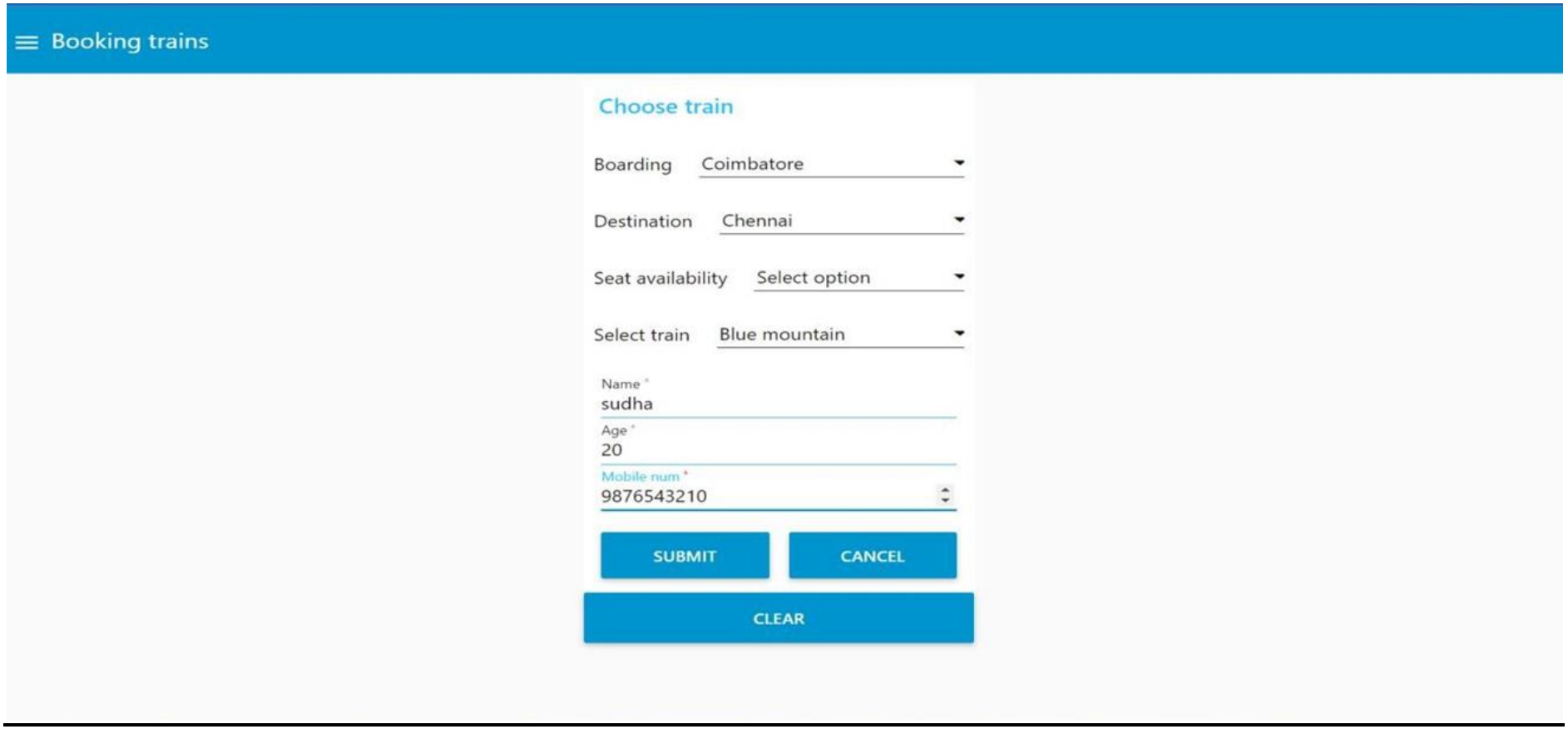
SEAT DROPDOWN BOX:



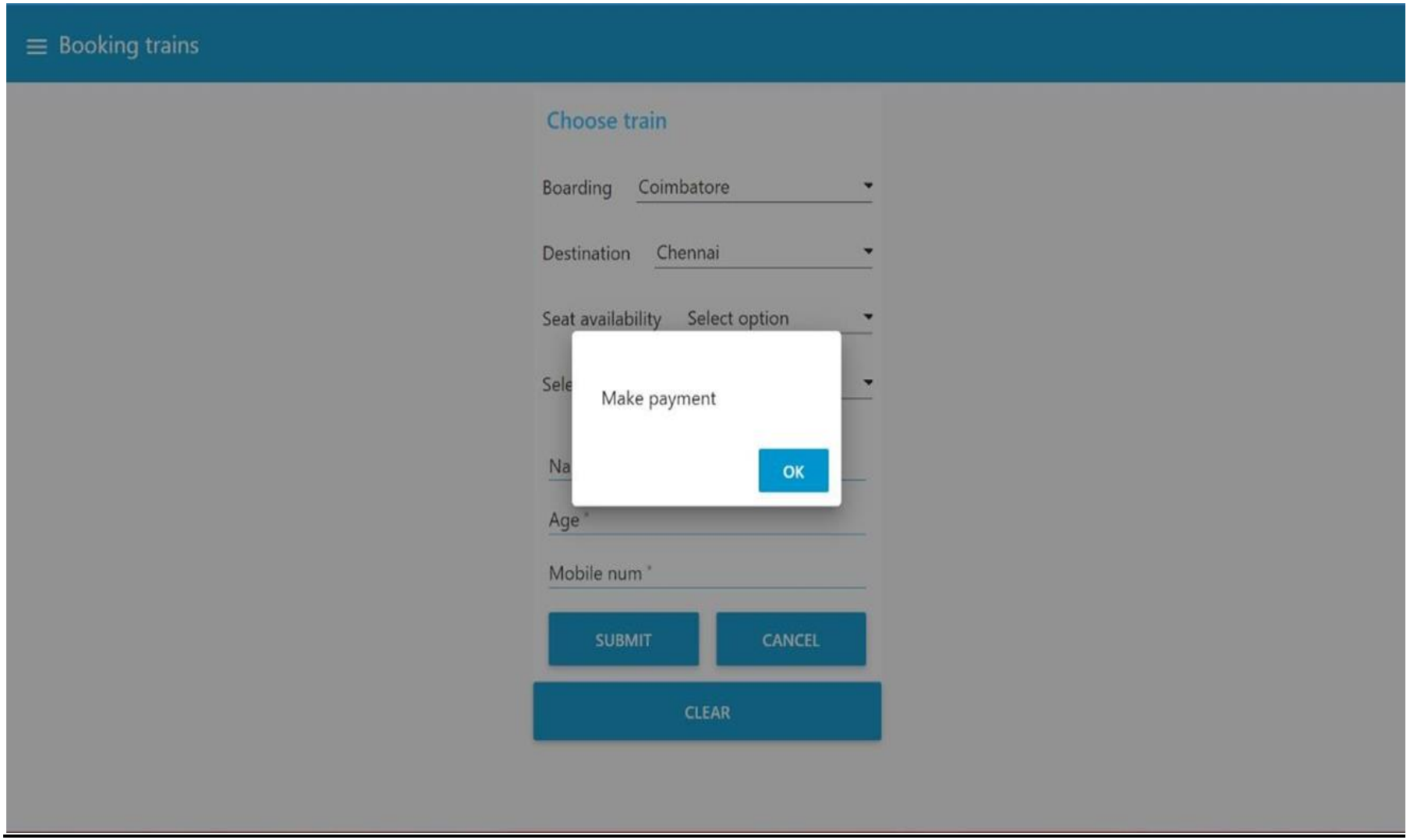
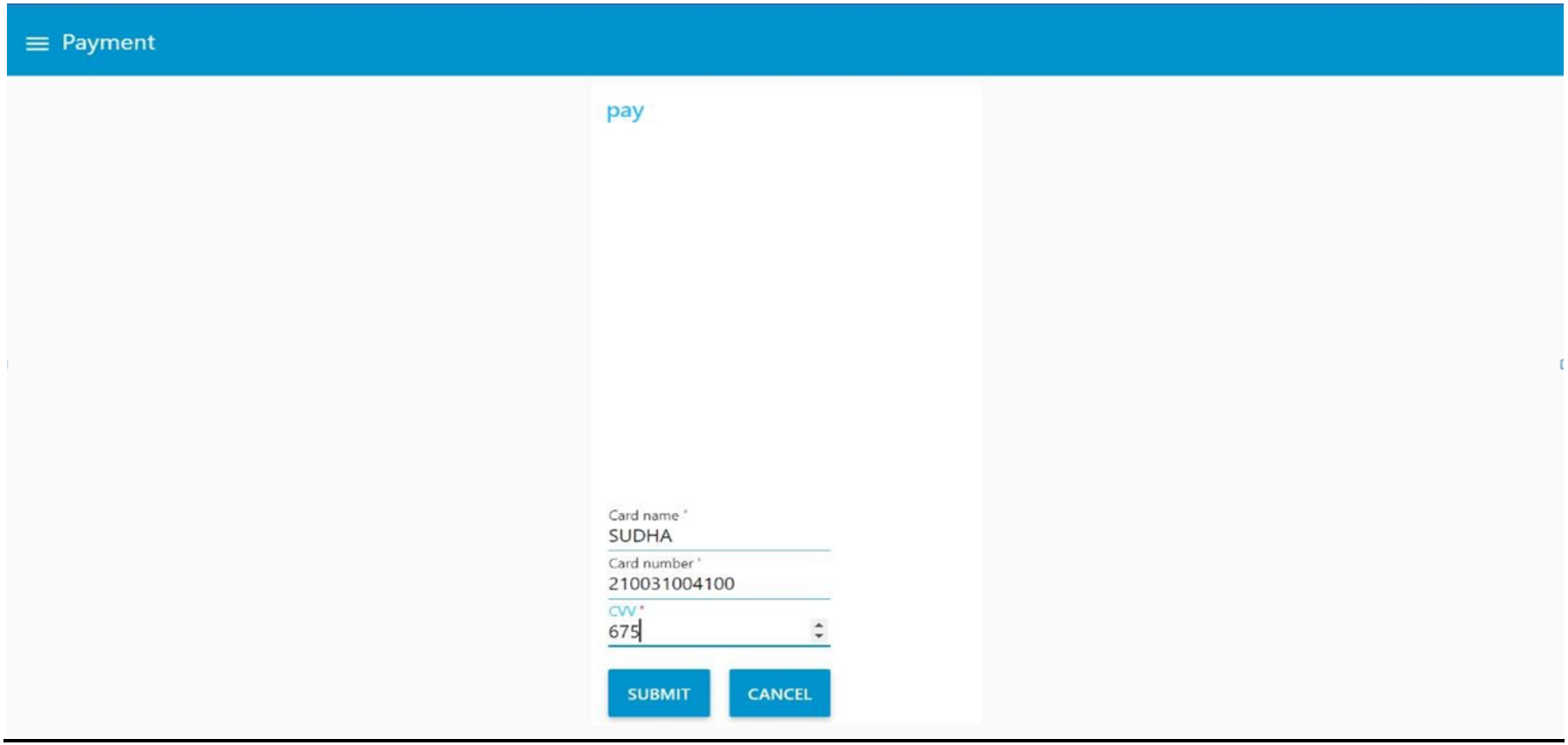
NODE RED FLOW FOR PAYMENT:



WEB UI FOR TRAIN BOOKING:



WEB UI FOR PAYMENT:



PAYMENT PAGE: