SPRINT – 1

DATE	19 NOVEMBER 2022
TEAM ID	PNT2022TMID16776
PROJECT NAME	SMART SOLUTION FOR RAILWAYS

PROCEDURE:

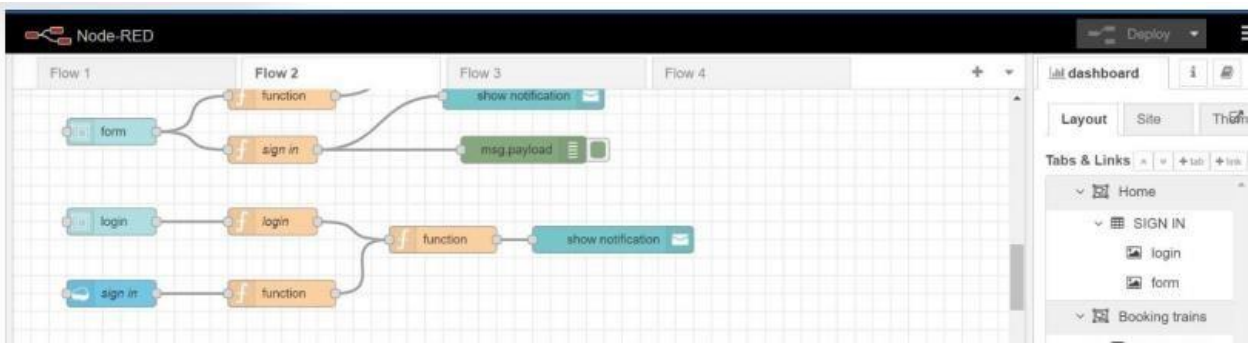
Step1: Develop node red application

Step2: Install the required nodes from manage palette option

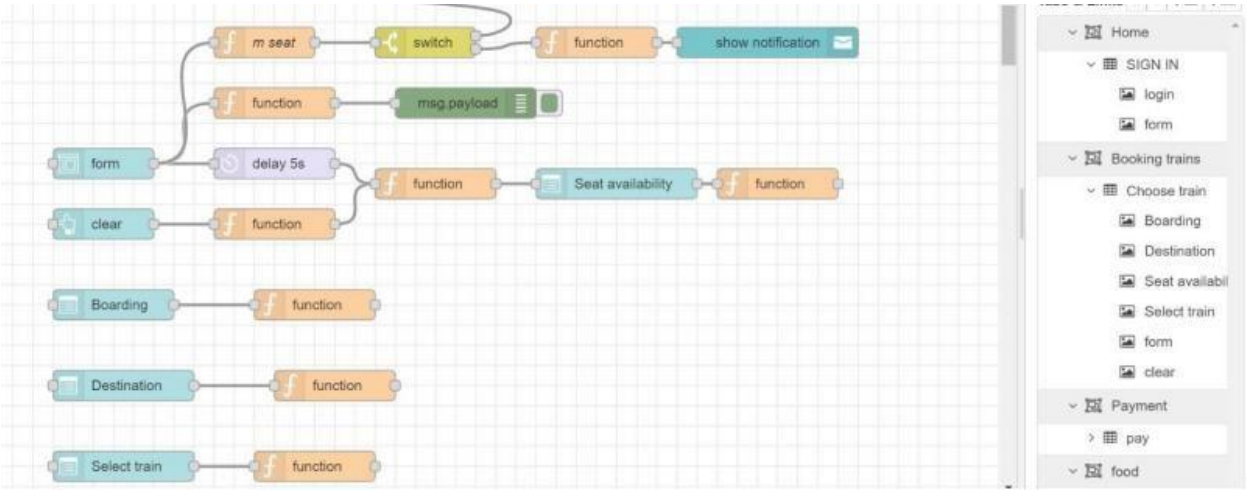
Step3: Connect the node flow

Step4: Deploy the 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==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

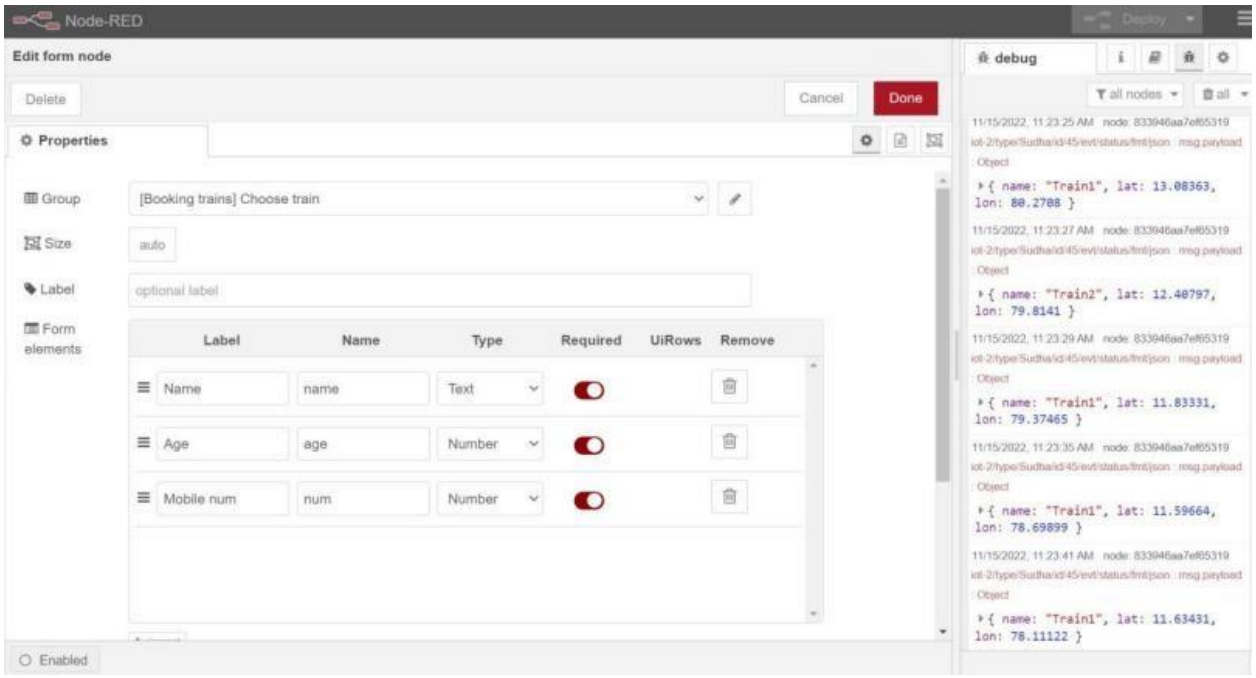
```
reg(x){ for(let
i=0;i<a.length;i++){ if(a[i]==x){
 a.splice(i,1)
 }
 } } if(s==1){
global.set('s1',s)
reg(s) } else
if(s==2){
global.set('s2',s)
reg(s) } else
if(s==3){
global.set('s3',s)
reg(s) } else
if(s==4){
global.set('s4',s)
reg(s)
}
else if(s==4){
global.set('s4',s)
reg(s) } return
msg;
```

FUNCTION NODE COMMAND TO STORE DATA IN DATABASE:

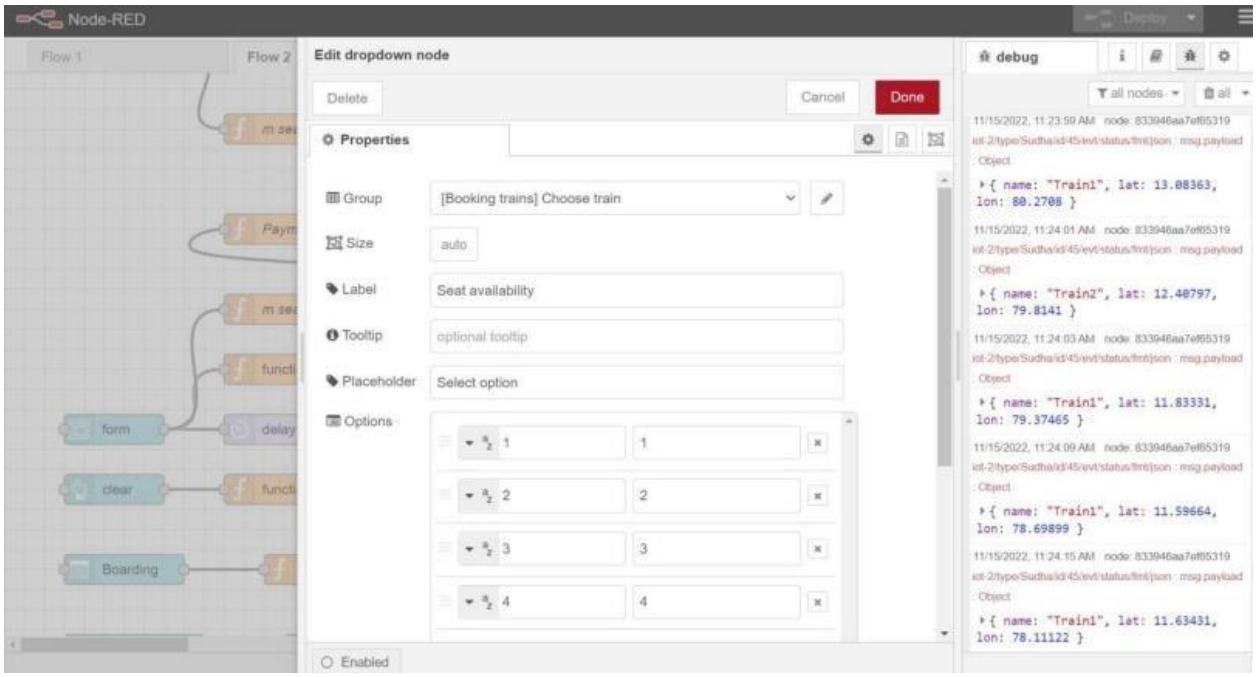
```
var m=global.get('m') var
d=new Date();
var utc=d.getTime()+(d.getTimezoneOffset()*60000); var offset=5.5;
```

```
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:

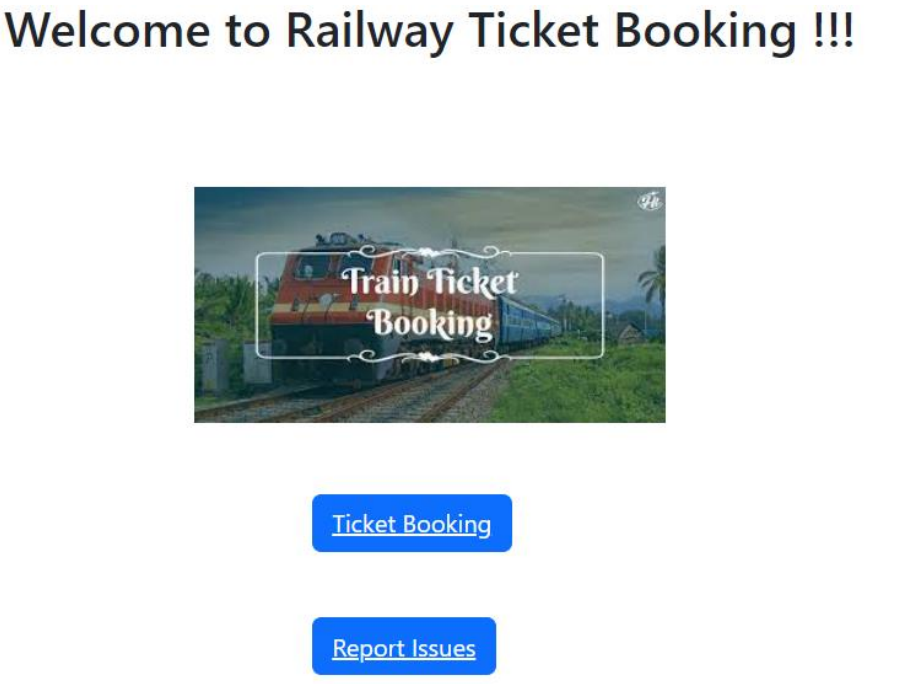


SEAT DROPDOWN BOX:

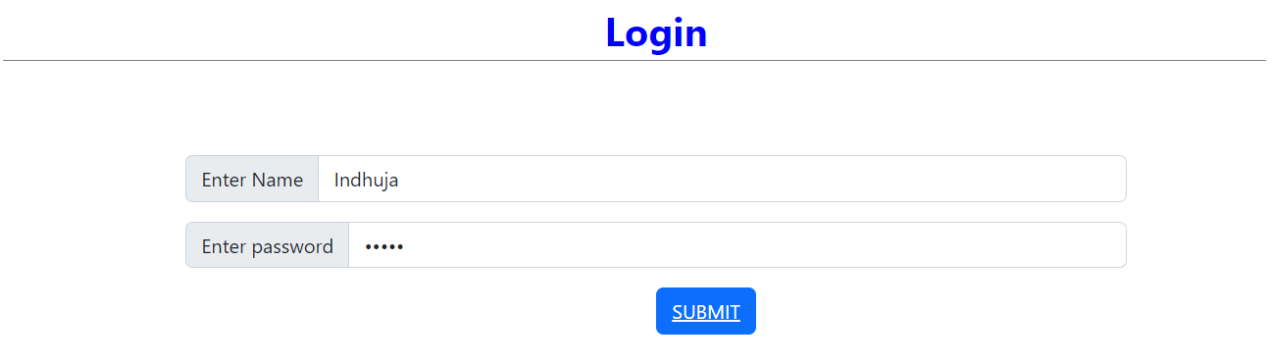


WEBPAGE FOR TRAIN BOOKING:

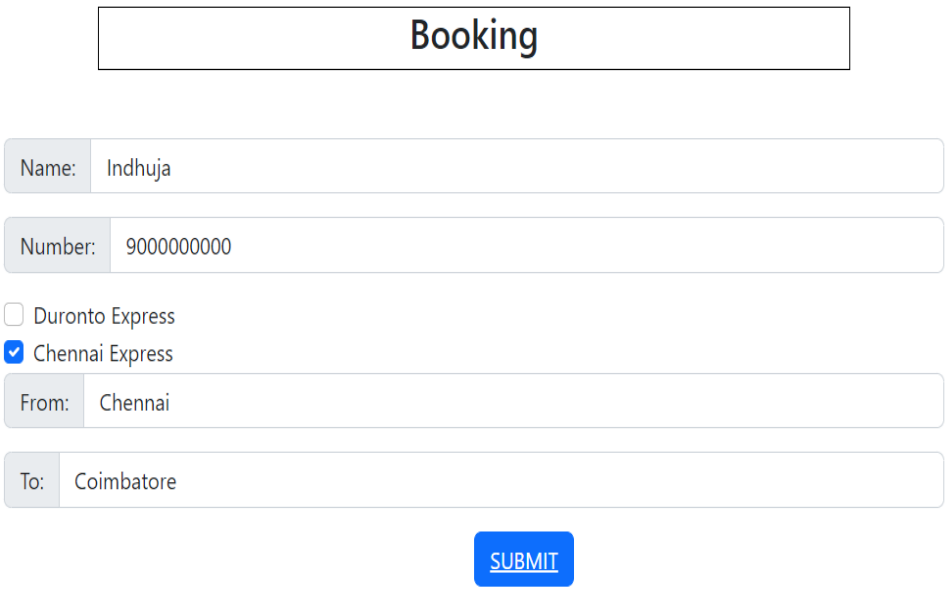
STEP – 1:



STEP – 2:


Login
Enter Name
Indhuja
Enter password
SUBMIT

STEP -3:


Booking
Name:
Indhuja
Number:
9000000000
Duronto Express
Chennai Express
From:
Chennai
To:
Coimbatore
SUBMIT

STEP – 4:

Ticket Booked Successfully!!!

Your Booked QR Code

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