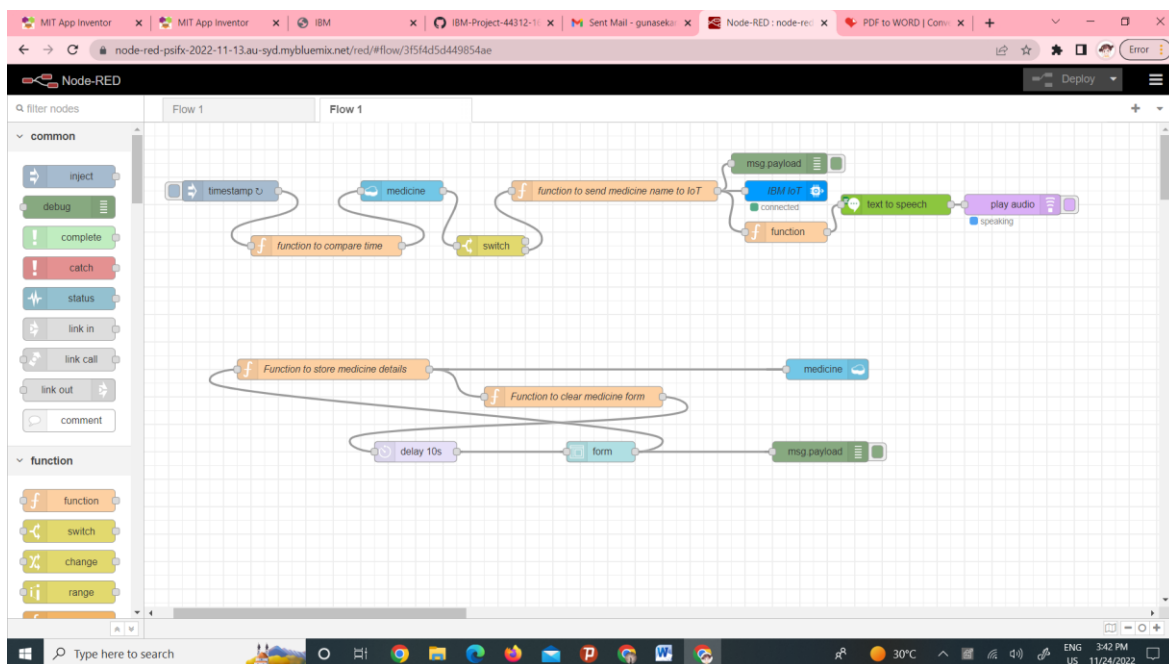


CODING SOURCES

| | |
|---------------------|------------------------------------------------------|
| Date | 22 November 2022 |
| Team ID | PNT2022TMID46387 |
| Project Name | Personal Assistance for Seniors Who Are Self Reliant |

1) NODE RED –WEB APP:



1)Function to compare time:

```
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(11,16)
global.set("time",time)
msg.payload=date+" "+time
return msg;
```

2)Function to send medicine name to IoT:

```
msg.payload=msg.payload.name  
return msg;
```

3)Function for speech formatting:

```
var st={  
  "Please take ":msg.payload  
}  
msg.payload=JSON.stringify(st)  
msg.payload=msg.payload.replace(':',");  
return msg;
```

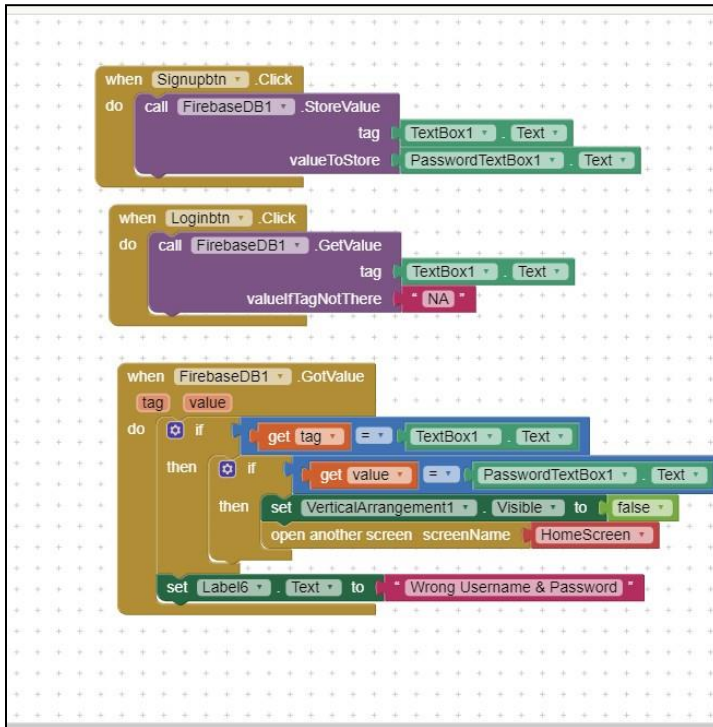
4) Function to store medicine details:

```
var d=msg.payload.date;  
var t=msg.payload.time;  
  
var date = d.slice(0,10)  
var time=t.slice(10,25)  
var hit=new Date(date+time)  
hit.setDate(hit.getDate() + 1);  
var utc=hit.getTime()+(hit.getTimezoneOffset()*60000);  
var offset=5.5  
newDate = new Date(utc+(3600000*offset));  
var n =newDate.toISOString()  
var da = n.slice(0,10)  
var ti=n.slice(11,16)  
msg.payload=  
{  
  "_id": da+" "+ti,  
  "name": msg.payload.name  
}  
return msg;
```

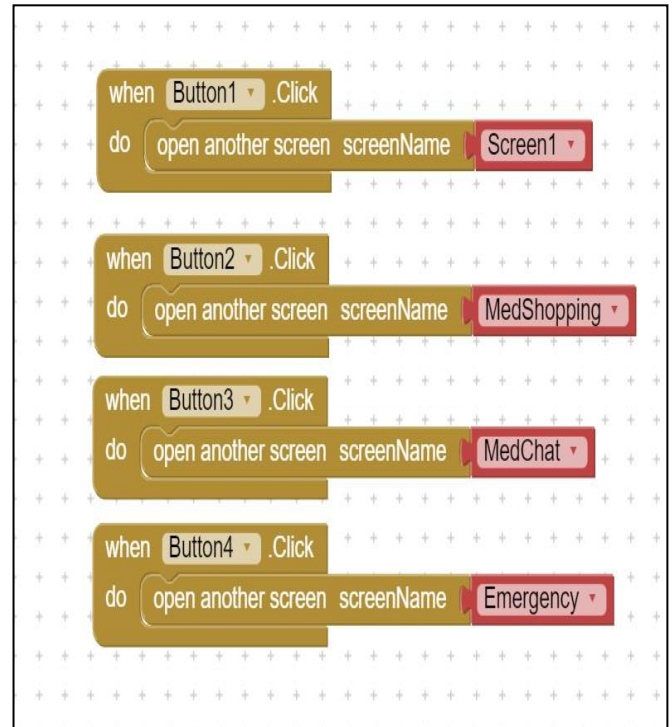
5) Function to clear medicine form:

```
msg.payload=  
{  
  "date": "",  
  "time": "",  
  "name": "",  
}  
return msg;
```

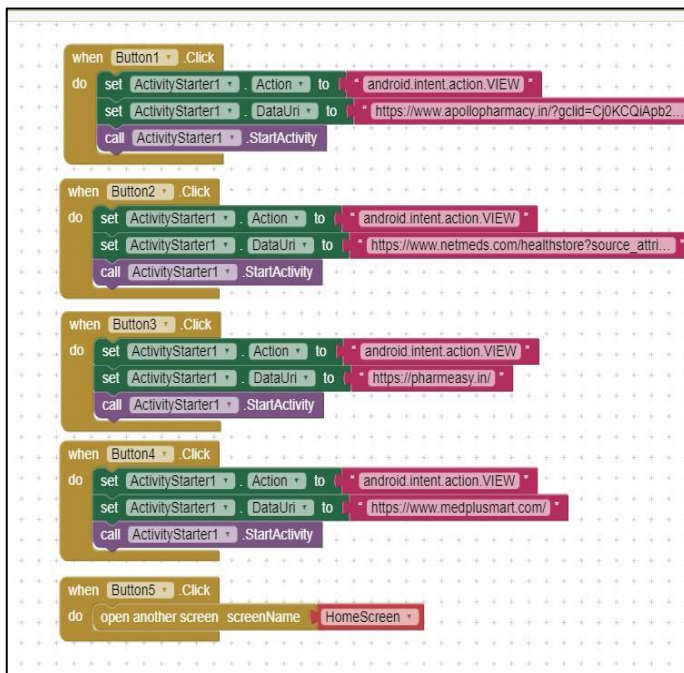
2) MOBILE APP- MIT APP INVENTOR:



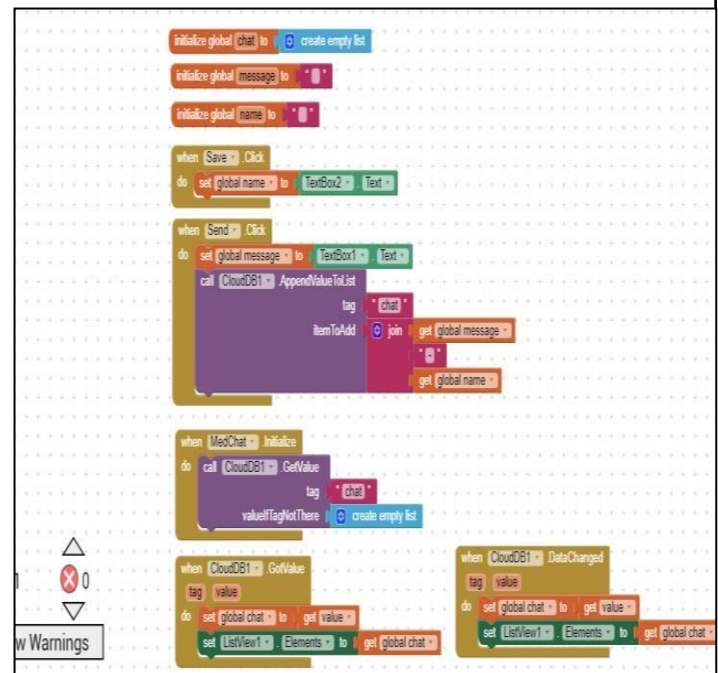
SIGNUP/LOGIN SCREEN



HOME SCREEN

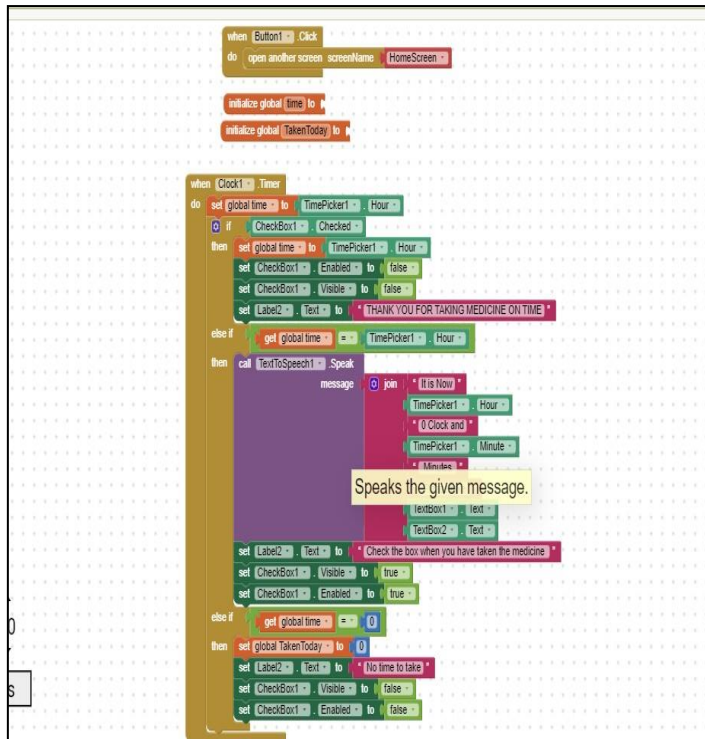


MEDICINAL SHOPPING SCREEN

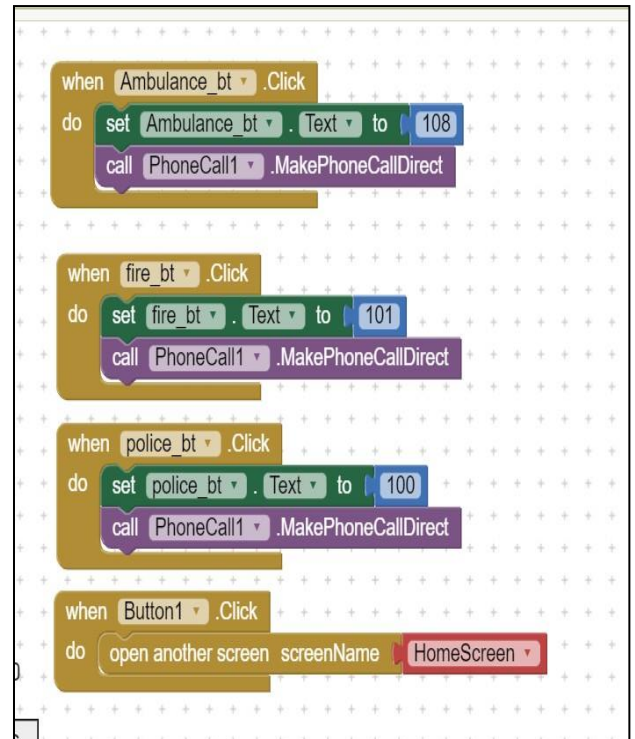


MEDCHAT SCREEN

CODE BLOCKS-MIT APP INVENTOR:



SET ALARM SCREEN



EMERGENCY SCREEN