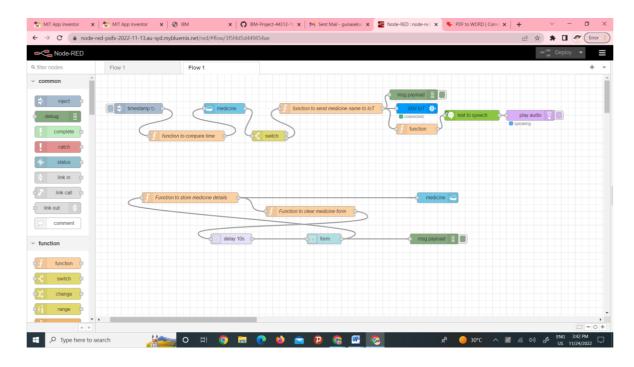
CODING SOURCES

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:

```
when Signupbth Click
do call FirebaseDB1 StoreValue
tag
valueToStore PasswordTextBox1 Text

when Loginbth Click
do call FirebaseDB1 GetValue
tag
valueITagNotThere NA

when FirebaseDB1 GetValue
tag
valueITagNotThere NA

when FirebaseDB1 GetValue
tag
valueITagNotThere NA

set Value Text

when FirebaseDB1 GetValue
tag
valueITagNotThere NA

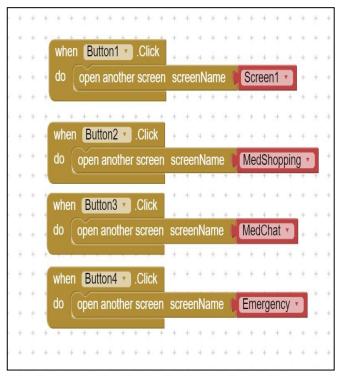
When FirebaseDB1 GetValue
tag
valueITagNotThere

When FirebaseDB1 GetValue
tag
valueITagNotThere

NA

When FirebaseDB1 GetValue
tag
valueITagNotThere

When FirebaseDB1 GetValue
tag
valueITagNo
```



SIGNUP/LOGIN SCREEN

HOME SCREEN

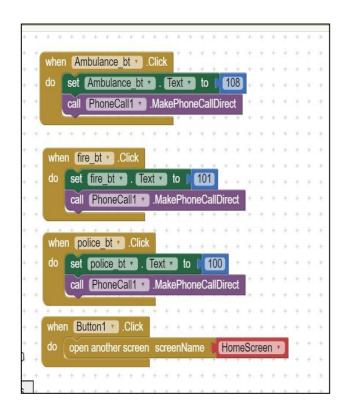
MEDICINAL SHOPPING SCREEN

MEDCHAT SCREEN

CODE BLOCKS-MIT APP INVENTOR:

```
when Suttons Cicks
do open another screen screenkine (HomeScreen)

when Clocks Times
do set Globaline to Immerciate to Immerciat
```



SET ALARM SCREEN

EMERGENCY SCREEN