SPRINT 4

TEAM ID	PNT2022TMID40888
PROJECT TITLE	Personal Assistance for seniors who are self-Reliant

PROGRAM:

```
 #include <LiquidCrystal.h>
#include <stdio.h>
#define mSTATE_1 1
#define mSTATE_2 2
#define mSTATE_3 3
#define mSTATE_4 4
#define mSTATE_5 5
#define mSTATE_6 6
#define mSTATE_7 7
#define mSTATE_8 8
#define mSTATE_9 9
#define ALARM_SWITCH_PIN 2
#define BUZZER_PIN A3
typedef struct
{
bool ALARM_SWITCH;
bool RTC_ALARM;
unsigned long RTC_TIME;
unsigned long RTC_DATE;
char RTC_TIME_C[20];
char RTC_DATE_C[20];
}STATE_VAR;
typedef struct
{
bool alarm_enable;
bool alarm_flag;
int alarm_min;
int alarm_hour;
int tick;
int mls;
int sec;
int min;
int hour;
int month;
int day;
int year;
}RTC_DATA;
void get_input();
void fsm1(STATE_VAR *FSM_VAR);
```

```
void printLCDMesgFromStart(LiquidCrystal *lcd, const char* Message, unsigned int row, bool
lcdclear);
void Buzzer(bool ON, int Buzzer_PIN);
float readTemperature(int TempSensor_PIN);
void RTC(RTC_DATA* rtc);
void RTC_Init(RTC_DATA* rtc, int tick);
void RTC_SetTime(RTC_DATA* rtc, int hour, int min, int sec);
void RTC_SetDate(RTC_DATA* rtc, int year, int month, int day);
void RTC_SetAlarm(RTC_DATA* rtc, int hour, int min);
void RTC_EnableAlarm(RTC_DATA* rtc);
void RTC_DisableAlarm(RTC_DATA* rtc);
bool RTC_GetAlarmStatus(RTC_DATA* rtc);
long RTC_GetTimeHHMMSS(RTC_DATA* rtc);
long RTC_GetDateYYYYMMDD(RTC_DATA* rtc);
long RTC_GetDateMMDD(RTC_DATA* rtc);
STATE_VAR FSM1_VAR;
RTC_DATA rtc;
LiquidCrystal lcd(A4, A5, 13, 12, 11, 10);
void setup()
{
Serial.begin(9600);
pinMode(ALARM_SWITCH_PIN, INPUT);
lcd.begin(16, 2);
lcd.setCursor(0, 0);
RTC_Init(&rtc, 100);
RTC_SetTime(&rtc, 11, 00, 0);
RTC_SetDate(&rtc, 2020, 7, 7);
RTC_SetAlarm(&rtc, 11, 36);
RTC_EnableAlarm(&rtc);
}
void get_input()
{
String Date;
String Time;
FSM1_VAR.ALARM_SWITCH = digitalRead(ALARM_SWITCH_PIN);
FSM1_VAR.RTC_ALARM = RTC_GetAlarmStatus(&rtc);
FSM1_VAR.RTC_TIME = RTC_GetTimeHHMMSS(&rtc);
FSM1_VAR.RTC_DATE = RTC_GetDateYYYYMMDD(&rtc);
if(FSM1_VAR.ALARM_SWITCH == 0)
FSM1_VAR.ALARM_SWITCH = true;
else
FSM1_VAR.ALARM_SWITCH = false;
if(rtc.min < 10 && rtc.sec < 10)
Time = String(rtc.hour) + ':' + '0' + String(rtc.min) + ':' + '0' + String(rtc.sec);
else if (rtc.min >= 10 && rtc.sec < 10)
Time = String(rtc.hour) + ':' + String(rtc.min) + ':' + '0' + String(rtc.sec);
else if(rtc.min < 10 && rtc.sec >= 10)
Time = String(rtc.hour) + ':' + '0' + String(rtc.min) + ':' + String(rtc.sec);
else
Time = String(rtc.hour) + ':' + String(rtc.min) + ':' + String(rtc.sec);
Date = String(rtc.day) + '/' + String(rtc.month) + '/' + String(rtc.year);
strcpy(FSM1_VAR.RTC_TIME_C, Time.c_str());
```

```
strcpy(FSM1_VAR.RTC_DATE_C, Date.c_str());

}
void loop()
{
RTC(&rtc);
get_input();
fsm1(&FSM1_VAR);
delay(100);
}
void fsm1(STATE_VAR *FSM_VAR)
{
static int MACHINE_STATE;
static bool BUZZER;
bool ALARM_SWITCH = FSM_VAR->ALARM_SWITCH;
bool RTC_ALARM = FSM_VAR->RTC_ALARM;
long RTC_TIME = (FSM_VAR->RTC_TIME / 100);
long RTC_DATE = FSM_VAR->RTC_DATE;
Serial.print("DATE (YYYYMMDD): ");
Serial.print(RTC_DATE);
Serial.print(" TIME (HHMM): ");
Serial.println(RTC_TIME);
switch(MACHINE_STATE)
{
case mSTATE_1:
Serial.println("mSTATE_1");
if(!RTC_ALARM){
printLCDMesgFromStart(&lcd, FSM_VAR->RTC_DATE_C, 1, false);
printLCDMesgFromStart(&lcd, FSM_VAR->RTC_TIME_C, 2, false);
MACHINE_STATE = mSTATE_1 ;
}
else if(RTC_ALARM){
printLCDMesgFromStart(&lcd, "WARNING", 1, true);
printLCDMesgFromStart(&lcd, "ALARM!!", 2, false); BUZZER = true; MACHINE_STATE =
mSTATE_2;
}
else
{}
break;
case mSTATE_2:
Serial. println("mSTATE_2");
if(!ALARM_SWITCH){
MACHINE_STATE = mSTATE_2;
}
else if(ALARM_SWITCH){
RTC_DisableAlarm(&rtc); BUZZER = false; printLCDMesgFromStart(&lcd, FSM_VAR-
>RTC_DATE_C, 1, true);
printLCDMesgFromStart(&lcd, FSM_VAR->RTC_TIME_C, 2, false); MACHINE_STATE =
mSTATE_1;
}
else
{}
```

```
break;
default:
BUZZER = false;
MACHINE_STATE = mSTATE_1;
}
Buzzer(BUZZER, BUZZER_PIN);
}
void printLCDMesgFromStart(LiquidCrystal *lcd, const char* Message, unsigned int row, bool
lcdclear)
{
if(lcdclear)
{
lcd->clear();
}
switch(row)
{
case 1:
lcd->setCursor(0, 0);
break;
case 2:
lcd->setCursor(0, 1);
break;
default:
lcd->setCursor(0, 0);
}
if(Message != NULL)
{
lcd->print(Message);
}
}
void Buzzer(bool ON, int Buzzer_PIN)
{
static bool ON_STATE;
if (ON_STATE == false && ON == true)
{
ON_STATE = true;
tone(Buzzer_PIN, 2000);
}
else if (ON == false)
{
ON_STATE = false;
noTone(Buzzer_PIN);
}
else
{}
}
float readTemperature(int TempSensor_PIN)
{
float Temperature;
Temperature = (float) analogRead(TempSensor_PIN);
Temperature = (Temperature * 5.0) / 1024.0;
Temperature = Temperature - 0.5;
```

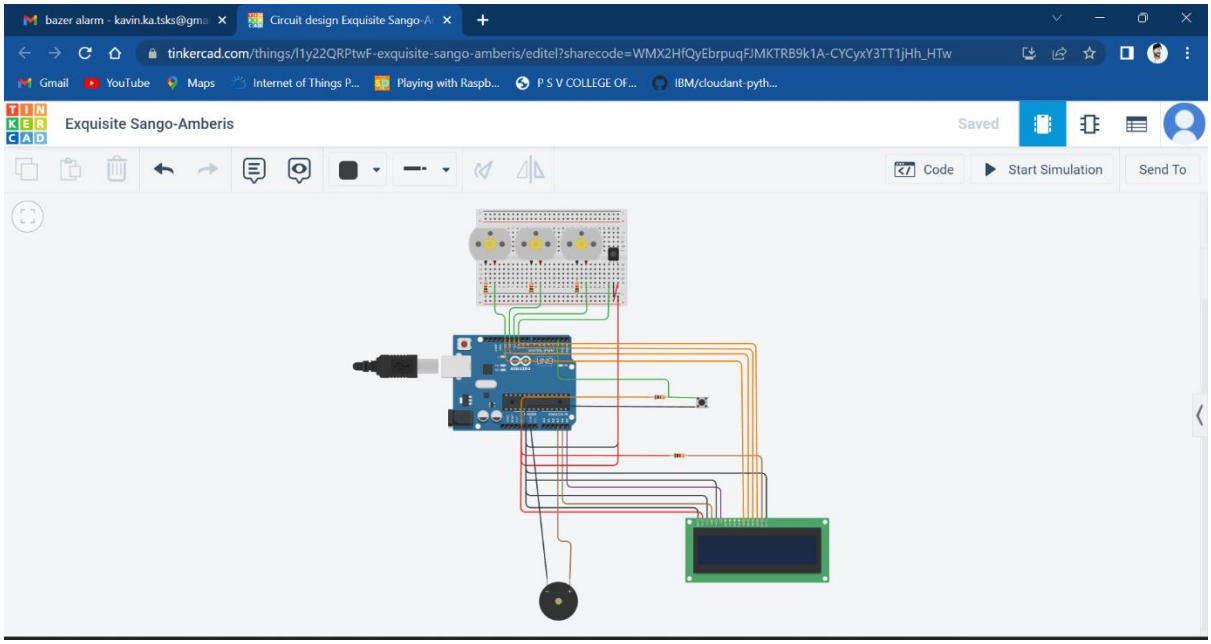
```
Temperature = Temperature * 100;

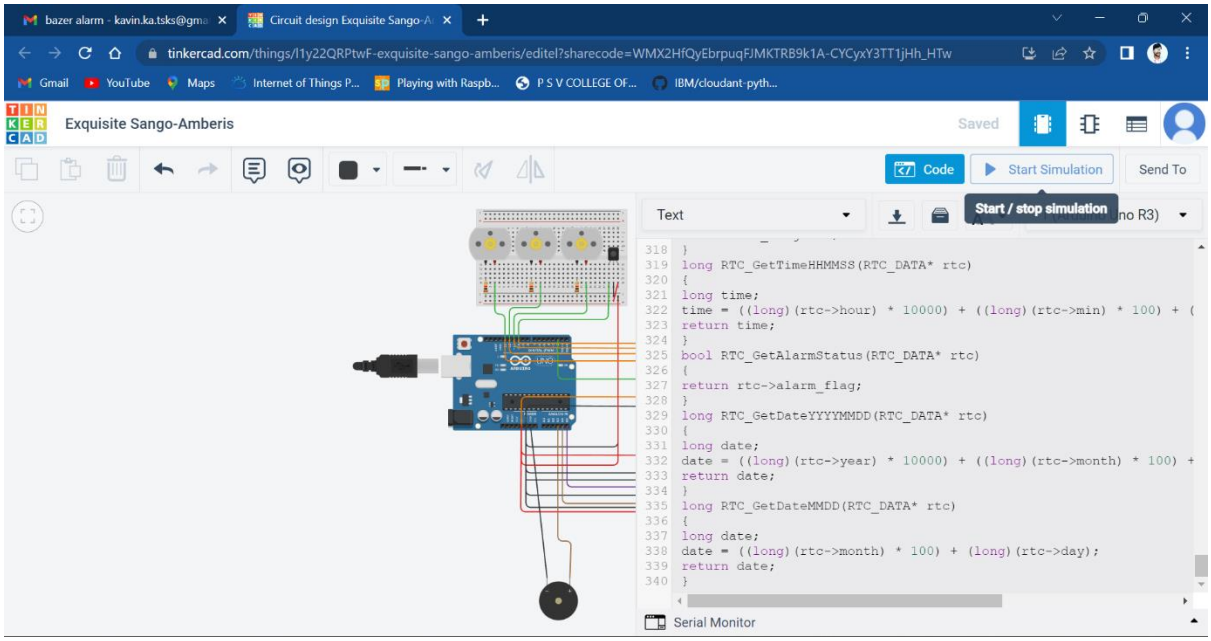
return Temperature;
}
void RTC(RTC_DATA* rtc)
{
static bool ALARM;
rtc->mls = rtc->mls + rtc->tick;
if(rtc->mls == 1000)
{
rtc->mls = 0;
rtc->sec++;
}
if(rtc->sec >= 60)
{
rtc->sec = 0;
rtc->min++;
}
if(rtc->min >= 60)
{
rtc->sec = 0;
rtc->min = 0;
rtc->hour++;
}
if(rtc->min < 0)
{
rtc->sec = 0;
rtc->min = 59;
rtc->hour--;
}
if(rtc->hour >= 24)
{
rtc->sec = 0;
rtc->min = 0;
rtc->hour = 0;
rtc->day++;
}
if(rtc->month != 2 && (rtc->month % 2) == 1)
{
if(rtc->day == 32)
{
rtc->day = 1;
rtc->month++;
}
if(rtc->day < 1)
{
rtc->day = 30;
rtc->month--;
}
}
if(rtc->month != 2 && (rtc->month % 2) == 0)
{
if(rtc->day == 31)
```

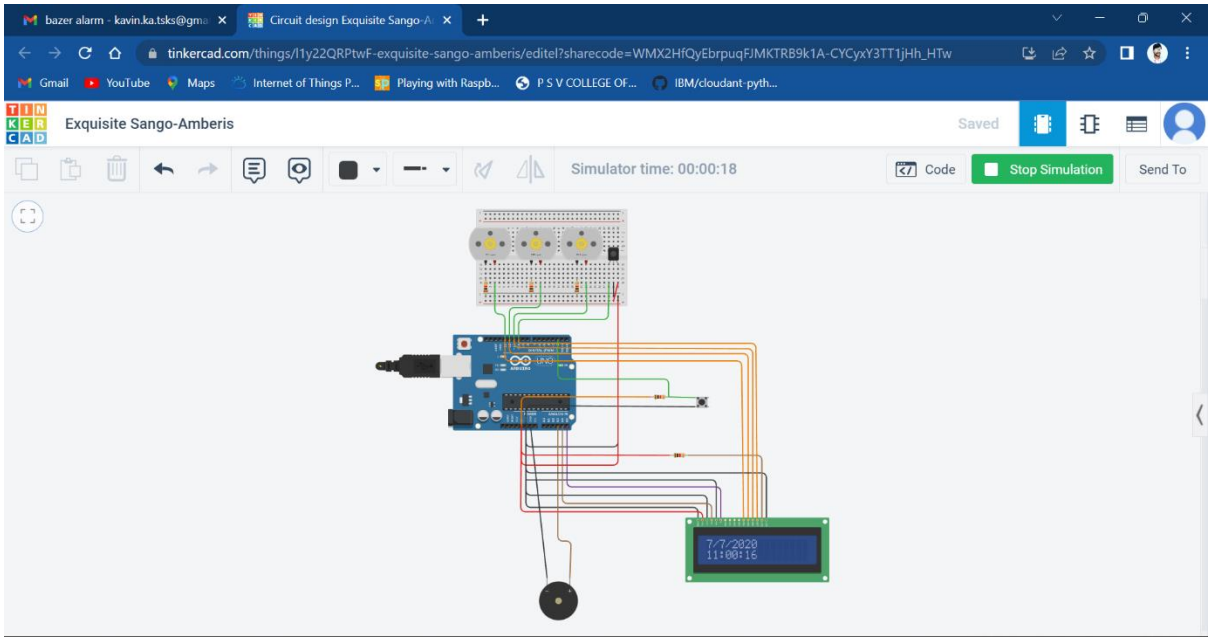
```
{rtc->day = 1;
rtc->month++;
}
if(rtc->day < 1)
{
rtc->day = 31;
rtc->month--;
}
}
if(rtc->month == 2)
{
if(rtc->day == 29)
{
rtc->day = 1;
rtc->month++;
}
}
if(rtc->month == 3)
{
if(rtc->day < 1)
{
rtc->day = 28;
rtc->month--;
}
}
if(rtc->hour < 0)
{
rtc->hour = 23;
}
if(rtc->month > 12)
{
rtc->month = 1;
rtc->day = 1;
rtc->year++;
}
if(rtc->alarm_enable == 1 && rtc->alarm_flag == 0)
{
if(rtc->min == rtc->alarm_min && rtc->hour == rtc->alarm_hour)
{
rtc->alarm_flag = 1;
}
}
}
void RTC_Init(RTC_DATA* rtc, int tick)
{
rtc->tick = tick;
rtc->alarm_flag = 0;
rtc->alarm_enable = 0;
}
void RTC_SetTime(RTC_DATA* rtc, int hour, int min, int sec)
{
rtc->sec = sec;
```

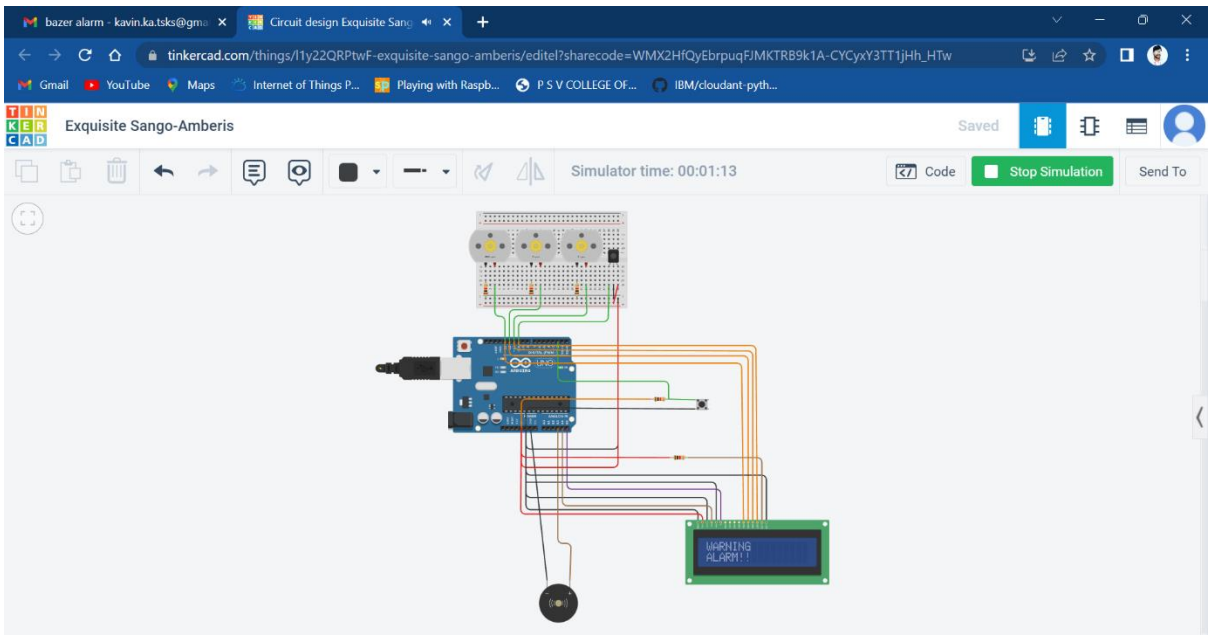
```
rtc->min = min;
rtc->hour = hour;
}
void RTC_SetDate(RTC_DATA* rtc, int year, int month, int day)
{
rtc->day = day;
rtc->month = month;
rtc->year = year;
}
void RTC_SetAlarm(RTC_DATA* rtc, int hour, int min)
{
rtc->alarm_min = min;
rtc->alarm_hour = hour;
}
void RTC_EnableAlarm(RTC_DATA* rtc)
{
rtc->alarm_enable = 1;
rtc->alarm_flag = 0;
}
void RTC_DisableAlarm(RTC_DATA* rtc)
{
rtc->alarm_enable = 0;
rtc->alarm_flag = 0;
}
long RTC_GetTimeHHMMSS(RTC_DATA* rtc)
{
long time;
time = ((long)(rtc->hour) * 10000) + ((long)(rtc->min) * 100) + (long)(rtc->sec);
return time;
}
bool RTC_GetAlarmStatus(RTC_DATA* rtc)
{
return rtc->alarm_flag;
}
long RTC_GetDateYYYYMMDD(RTC_DATA* rtc)
{
long date;
date = ((long)(rtc->year) * 10000) + ((long)(rtc->month) * 100) + (long)(rtc->day);
return date;
}
long RTC_GetDateMMDD(RTC_DATA* rtc)
{
long date;
date = ((long)(rtc->month) * 100) + (long)(rtc->day);
return date;
}
```

CIRCUIT DIAGRAM:









CIRCUIT LINK:

https://www.tinkercad.com/things/l1y22QRPtwF-exquisite-sango-amberis/editel?sharecode=WMX2HfQyEbrpuqFJMKTRB9k1A-CYCyxY3TT1jHh_HTw

Using Wowki:

```
#include <WiFi.h>//library for wifi
#include <PubSubClient.h>//library for MQtt
#include <LiquidCrystal_I2C.h>
#include "DHT.h"// Library for dht11
#define DHTPIN 15     // what pin we're connected to
#define DHTTYPE DHT11   // define type of sensor DHT 11
#define LED 2
DHT dht (DHTPIN, DHTTYPE);// creating the instance by passing pin and typr of
dht connected
void callback(char* subscribetopic, byte* payload, unsigned int
payloadLength);


//-------credentials of IBM Accounts------

#define ORG "64yf7x"//IBM ORGANITION ID
#define DEVICE_TYPE "b11m3edevicetype"//Device type mentioned in ibm watson
IOT Platform
#define DEVICE_ID "b11m3edeviceid"//Device ID mentioned in ibm watson IOT
Platform
#define TOKEN "-&EMtr7l-v-Gz2G))e"     //Token
String data3="";
int buzz= 13;

//-------- Customise the above values --------
char server[] = ORG ".messaging.internetofthings.ibmcloud.com";// Server Name
char publishTopic[] = "iot-2/evt/Data/fmt/json";// topic name and type of
event perform and format in which data to be send
char subscribetopic[] = "iot-2/cmd/command/fmt/String";// cmd  REPRESENT
command type AND COMMAND IS TEST OF FORMAT STRING
char authMethod[] = "use-token-auth";// authentication method
char token[] = TOKEN;
char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID;//client id
LiquidCrystal_I2C lcd(0x27,32,2);

//-----------------------------------------
WiFiClient wifiClient; // creating the instance for wificlient
PubSubClient client(server, 1883, callback ,wifiClient); //calling the
predefined client id by passing parameter like server id,portand
wificredential

void setup()// configureing the ESP32
{

  Serial.begin(115200);
  dht.begin();
```

```
  pinMode(buzz, OUTPUT);
  pinMode(LED,OUTPUT);
  delay(10);
  Serial.println();
  wificonnect();
  mqttconnect();
}

void loop()// Recursive Function
{
  if (!client.loop()) {
    mqttconnect();
  }

}



/*.....................................retrieving to
Cloud.............................*/

void PublishData(float temp, float humid) {
  mqttconnect();//function call for connecting to ibm

}
void mqttconnect() {
  if (!client.connected()) {
    Serial.print("Reconnecting client to ");
    Serial.println(server);
    while (!!!client.connect(clientId, authMethod, token)) {
      Serial.print(".");
      delay(500);
    }

     initManagedDevice();
     Serial.println();
  }
}
void wificonnect() //function defination for wificonnect
{
  Serial.println();
  Serial.print("Connecting to ");

  WiFi.begin("Wokwi-GUEST", "", 6);//passing the wifi credentials to establish
the connection
  while (WiFi.status() != WL_CONNECTED) {
    delay(500);
    Serial.print(".");
  }
```

```
  Serial.println("");
  Serial.println("WiFi connected");
  Serial.println("IP address: ");
  Serial.println(WiFi.localIP());
}

void initManagedDevice() {
  if (client.subscribe(subscribetopic)) {
    Serial.println((subscribetopic));
    Serial.println("subscribe to cmd OK");
  } else {
    Serial.println("subscribe to cmd FAILED");
  }
}

void callback(char* subscribetopic, byte* payload, unsigned int payloadLength)
{

  Serial.print("callback invoked for topic: ");
  Serial.println(subscribetopic);
  for (int i = 13; i < payloadLength-2; i++) {
    //Serial.print((char)payload[i]);
    data3 += (char)payload[i];
  }

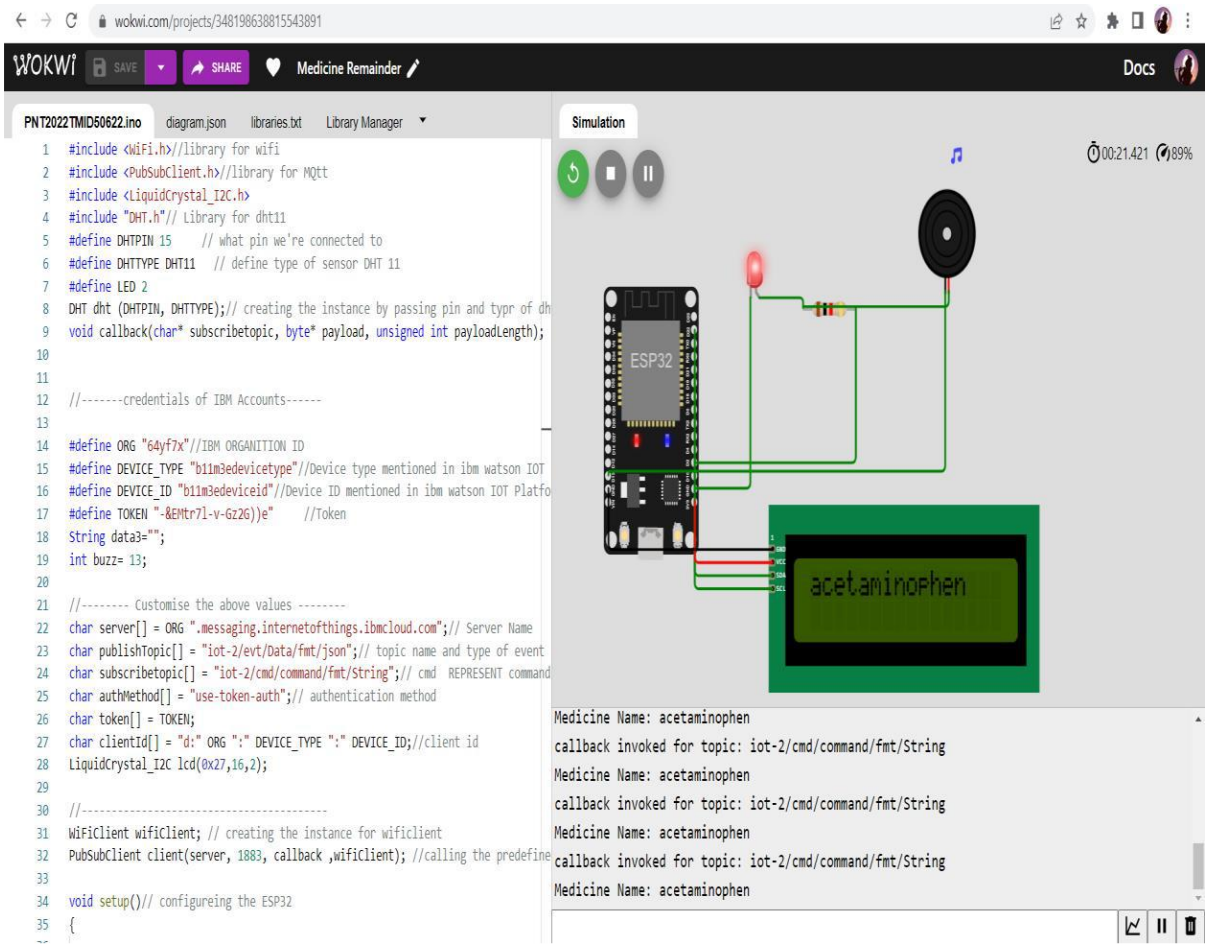
  Serial.println("Medicine Name: "+ data3);
  if(data3 != "")
  {
    lcd.init();

    lcd.print(data3);
    digitalWrite(LED,HIGH);
    tone(buzz, 100, 1000);
    delay(2000);
    digitalWrite(LED,LOW);
   noTone(buzz);
   delay(1000);

  }

  else
  {
digitalWrite(LED,LOW);

  }
data3="";
}
```

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#include <LiquidCrystal_I2C.h>
#include "DHT.h"// Library for dht11
#define DHTPIN 15     // what pin we're connected to
#define DHTTYPE DHT11   // define type of sensor DHT 11
#define LED 2
DHT dht (DHTPIN, DHTTYPE);// creating the instance by passing pin and typr of dh
void callback(char* subscribetopic, byte* payload, unsigned int payloadLength);


//-------credentials of IBM Accounts------

#define ORG "64yf7x"//IBM ORGANITION ID
#define DEVICE_TYPE "b11m3edevicetype"//Device type mentioned in ibm watson IOT
#define DEVICE_ID "b11m3edeviceid"//Device ID mentioned in ibm watson IOT Platfo
#define TOKEN "-&EMtr7l-v-Gz2G))e"      //Token
String data3="";
int buzz= 13;

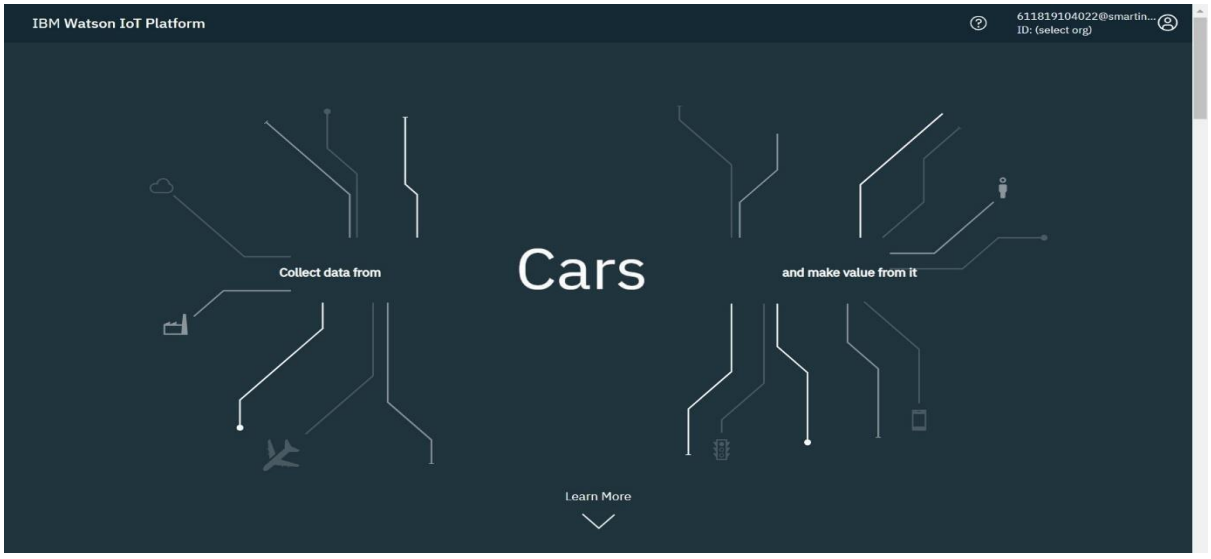
//-------- Customise the above values --------
char server[] = ORG ".messaging.internetofthings.ibmcloud.com";// Server Name
char publishTopic[] = "iot-2/evt/Data/fmt/json";// topic name and type of event
char subscribetopic[] = "iot-2/cmd/command/fmt/String";// cmd  REPRESENT command
char authMethod[] = "use-token-auth";// authentication method
char token[] = TOKEN;
char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID;//client id
LiquidCrystal_I2C lcd(0x27,16,2);

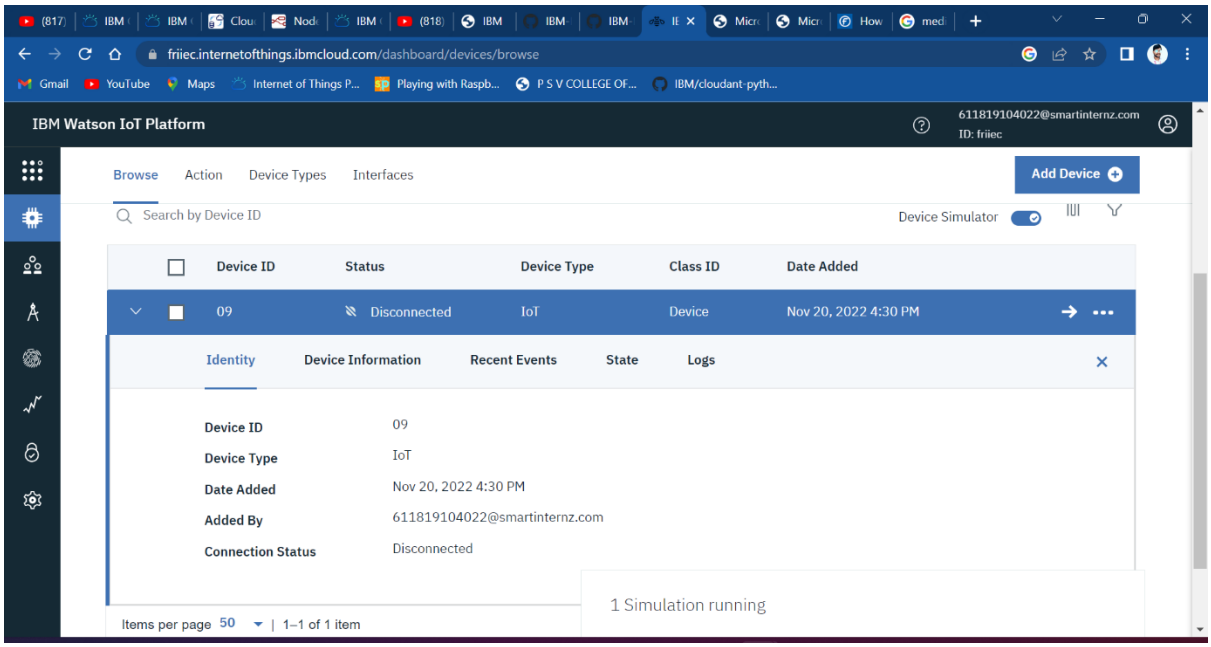
//---------------------------------------
WiFiClient wifiClient; // creating the instance for wificlient
PubSubClient client(server, 1883, callback ,wifiClient); //calling the predefine

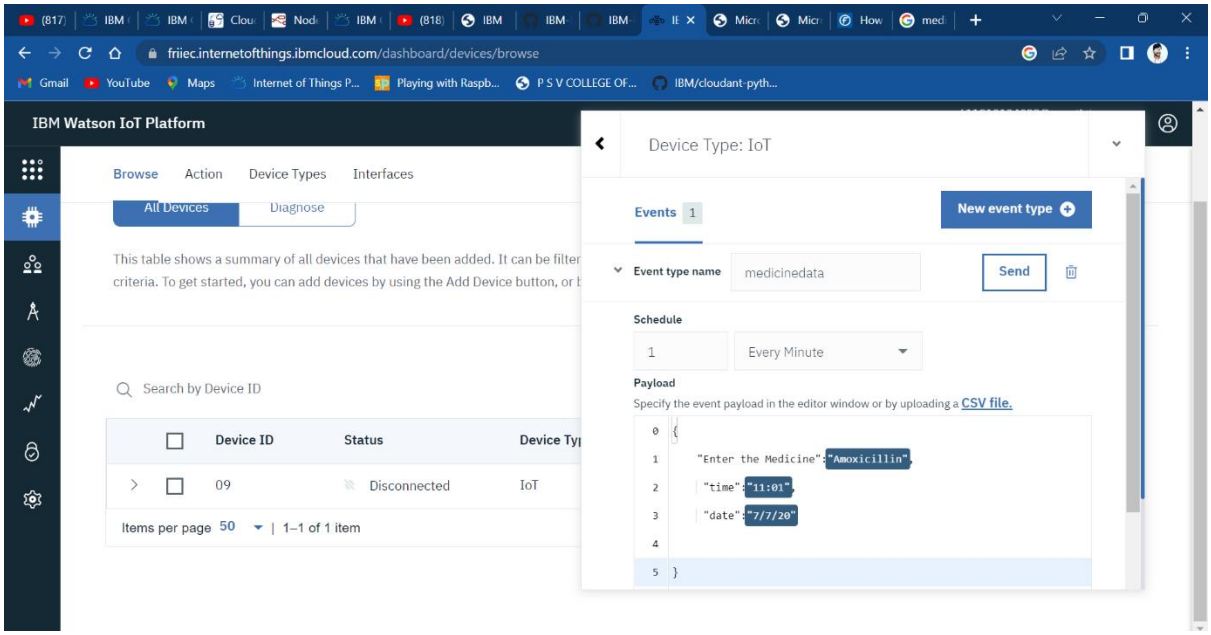
void setup()// configureing the ESP32
{
```

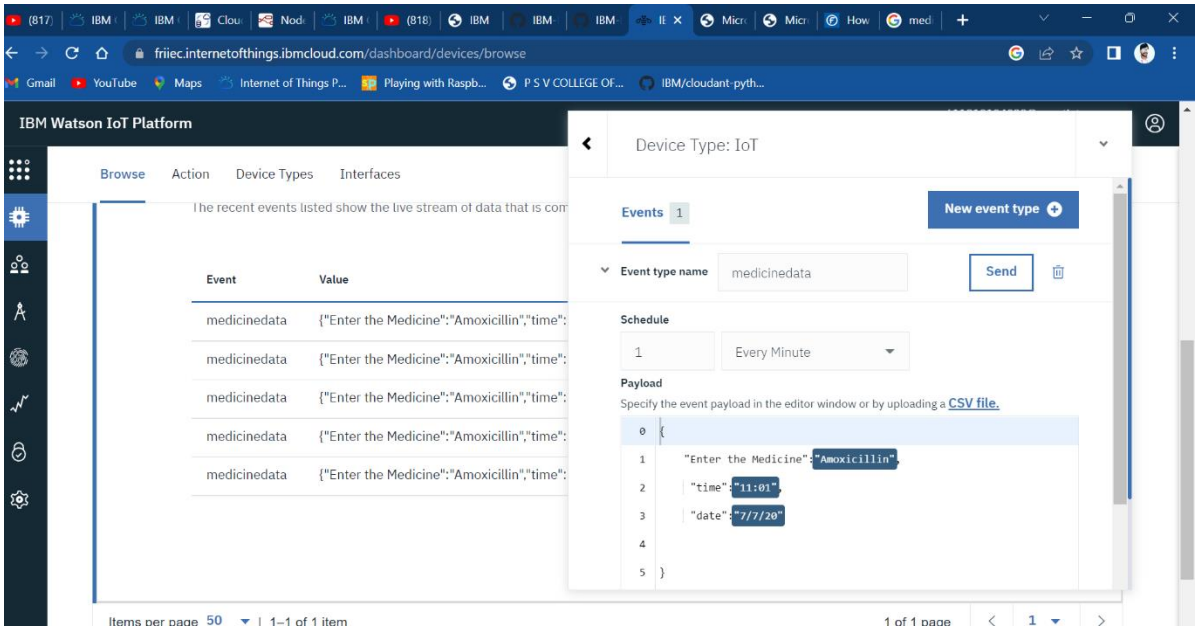
- software (create device in the iot watson platform, workflow for iot scenarios using local node red).

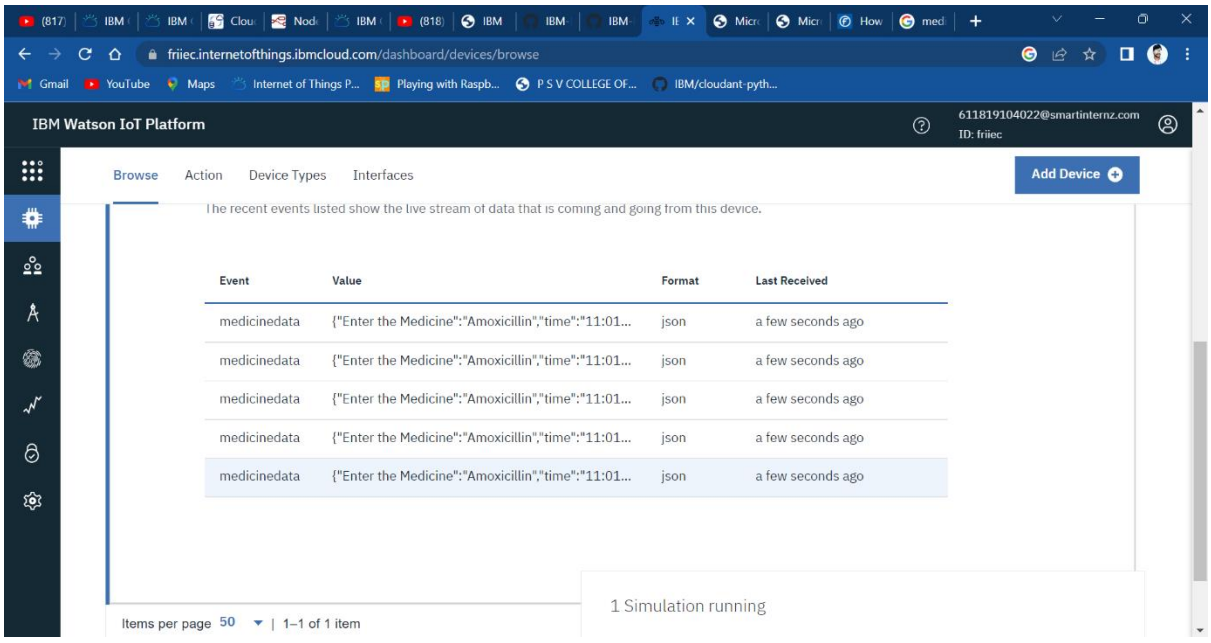
create device in the iot watson platform:

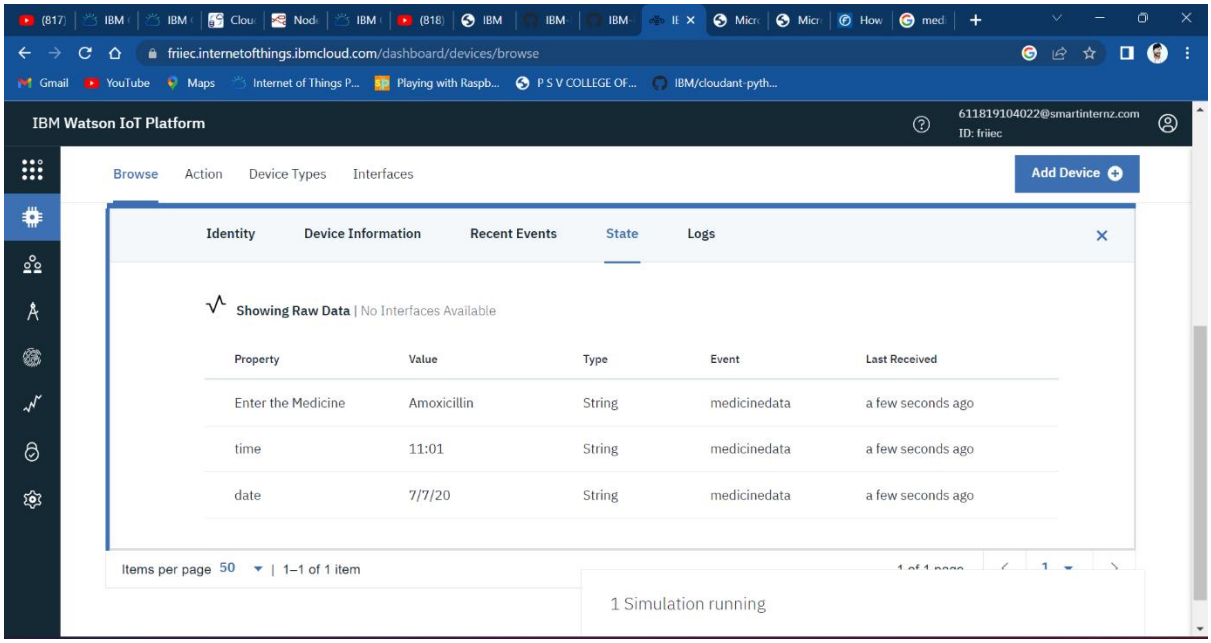



friiec.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
611819104022@smartinternz.com
ID: friiec
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
09
Disconnected
IoT
Device
Nov 20, 2022 4:30 PM
Identity
Device Information
Recent Events
State
Logs
Device ID
09
Device Type
IoT
Date Added
Nov 20, 2022 4:30 PM
Added By
611819104022@smartinternz.com
Connection Status
Disconnected
1 Simulation running
Items per page 50
1–1 of 1 item

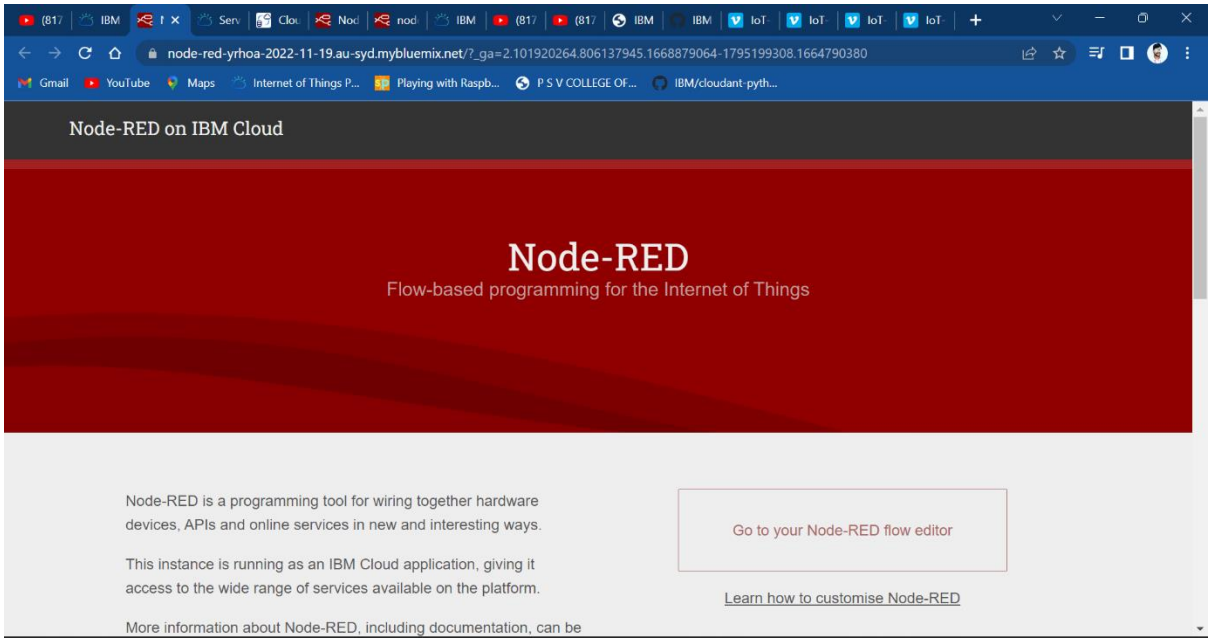

friiec.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
All Devices
Diagnose
Search by Device ID
Device ID
Status
09
Disconnected
IoT
Items per page 50
1–1 of 1 item
Device Type: IoT
Events 1
New event type
Event type name
medicinedata
Send
Schedule
1
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"Enter the Medicine":"Amoxicillin",
"time":"11:01",
"date":"7/7/20"
}

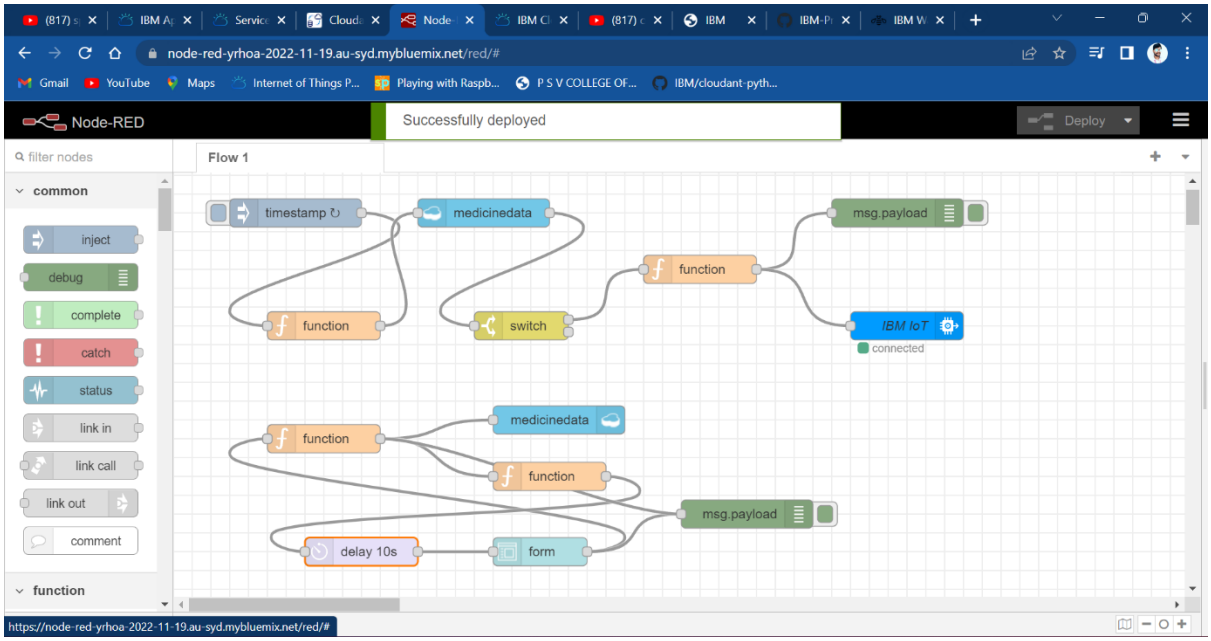

friiec.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
Device Type: IoT
Browse
Action
Device Types
Interfaces
Events 1
New event type
Event type name
medicinedata
Send
Schedule
1
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"Enter the Medicine":"Amoxicillin",
"time":"11:01",
"date":"7/7/20"
}
Event
Value
medicinedata
Items per page 50
1–1 of 1 item
1 of 1 page

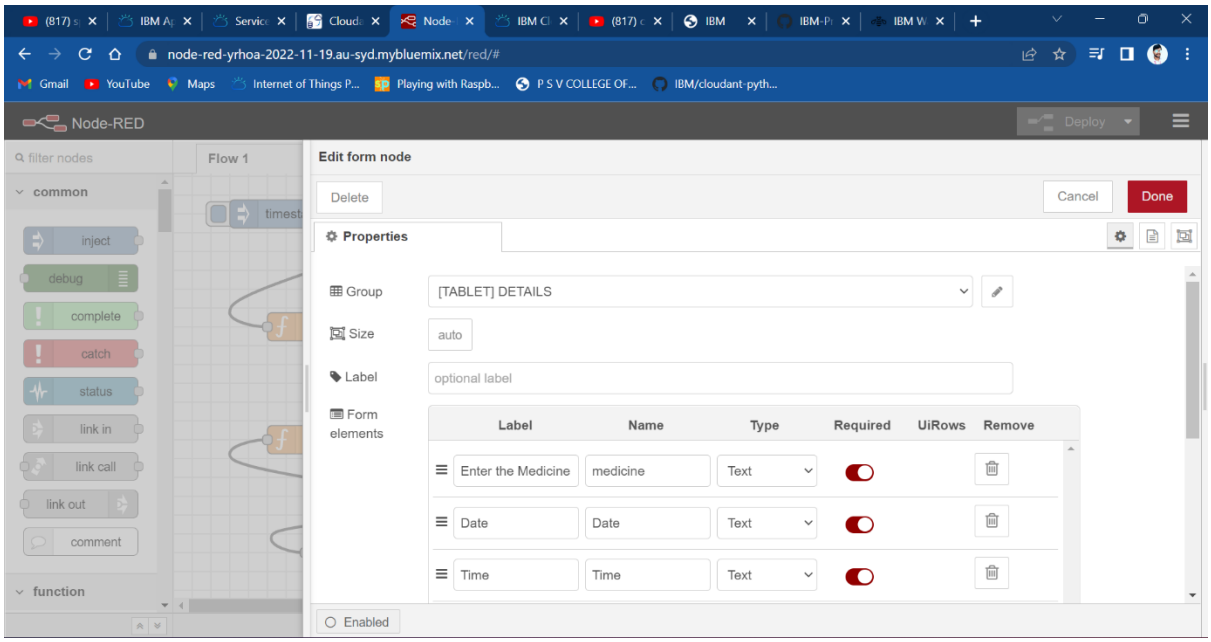

friiec.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
611819104022@smartinternz.com
ID: friiec
Browse
Action
Device Types
Interfaces
Add Device
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
medicinedata
{"Enter the Medicine":"Amoxicillin","time":"11:01...
json
a few seconds ago
Items per page 50
1–1 of 1 item
1 Simulation running

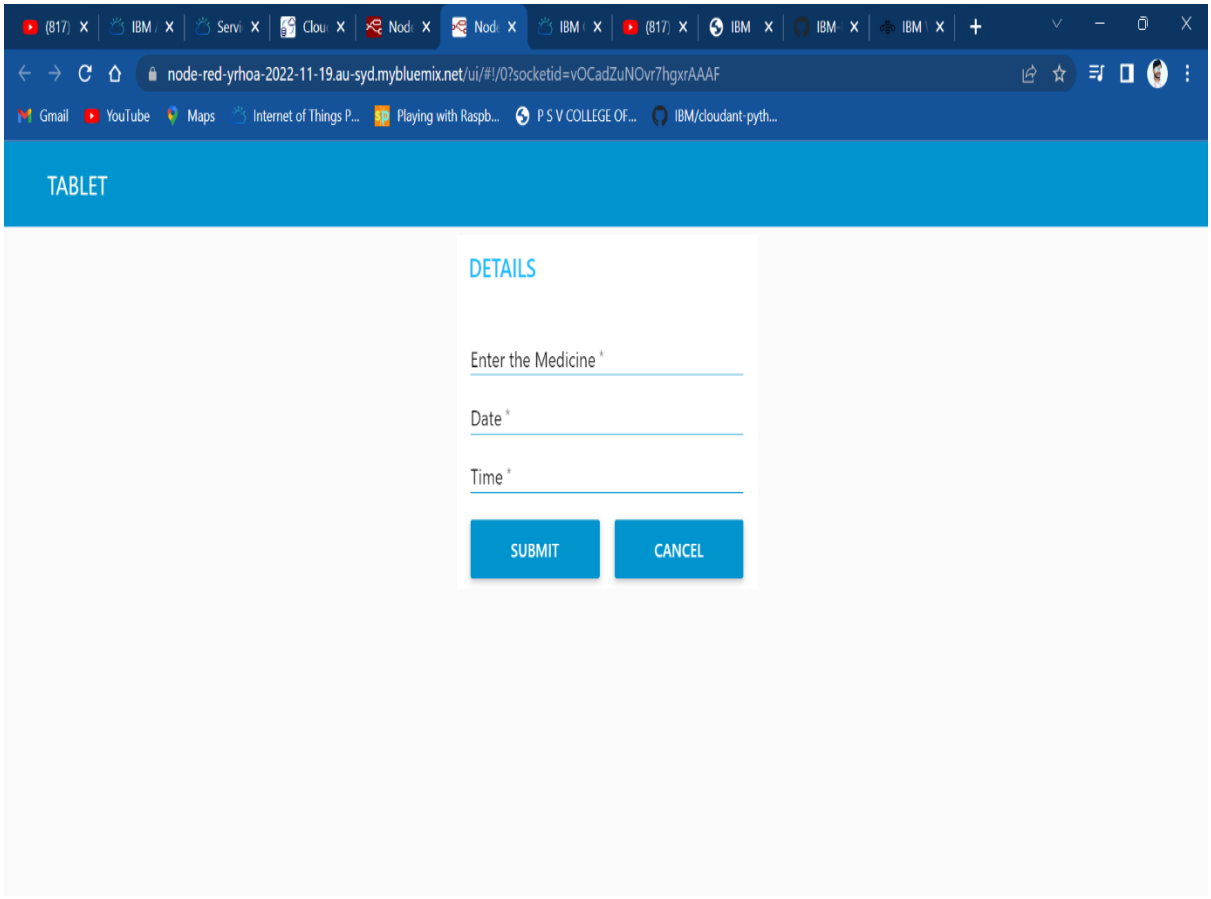


- Thus we created a device in that IoT platform, in this platform we store some medicine details, time and date.
- Then using the node-red, we connect IoT platform.

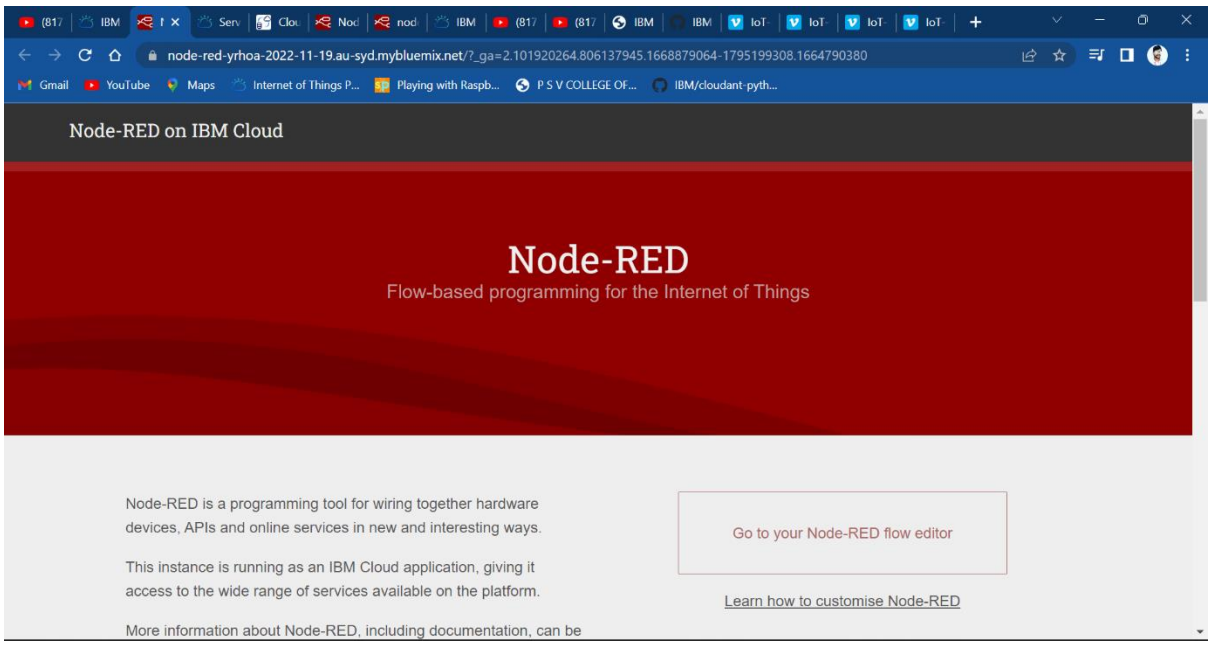


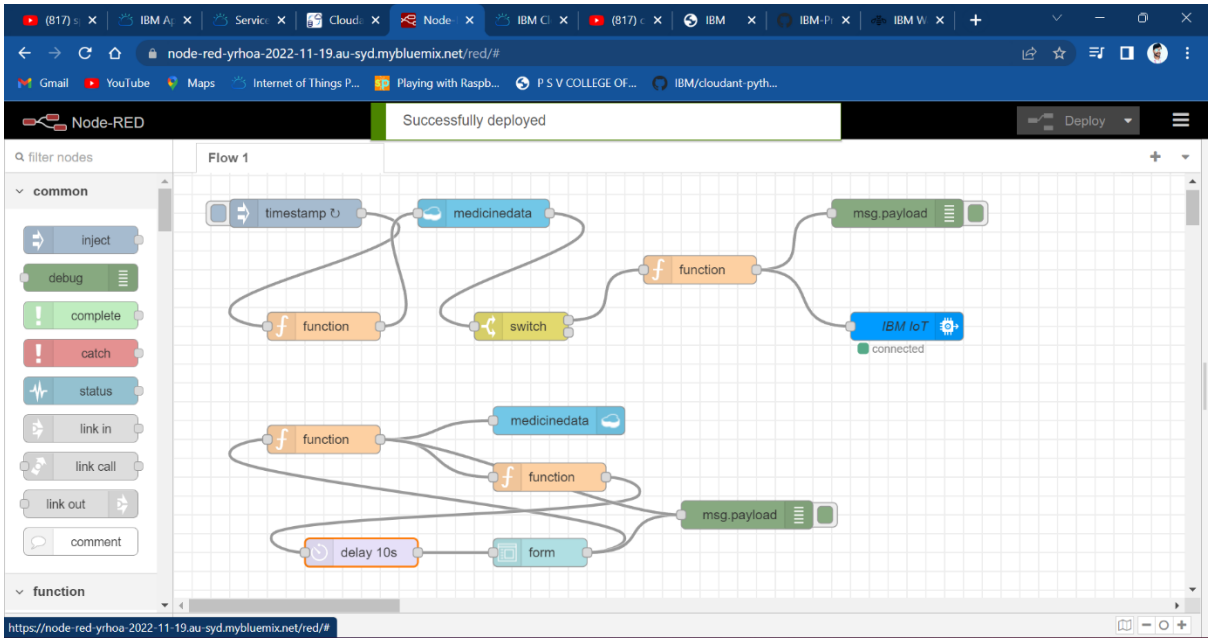

node-red-yrhoa-2022-11-19.au-syd.mybluemix.net/red/#
Node-RED
Successfully deployed
Deploy
Flow 1
filter nodes
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
timestamp
medicinedata
function
switch
function
msg.payload
IBM IoT
connected
function
medicinedata
function
msg.payload
delay 10s
form
https://node-red-yrhoa-2022-11-19.au-syd.mybluemix.net/red/#

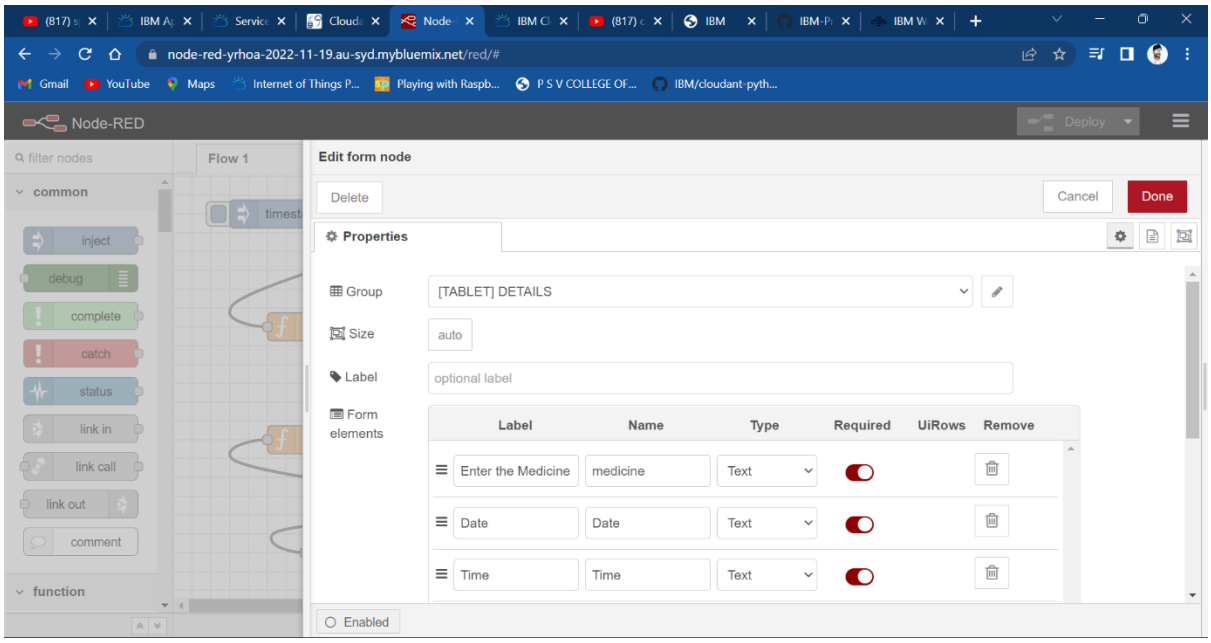

node-red-yrhoa-2022-11-19.au-syd.mybluemix.net/red/#
Node-RED
Deploy
Flow 1
Edit form node
Delete
Cancel
Done
Properties
Group
[TABLET] DETAILS
Size
auto
Label
optional label
Form elements
Label
Name
Type
Required
UiRows
Remove
Enter the Medicine
medicine
Text
Date
Date
Text
Time
Time
Text
Enabled

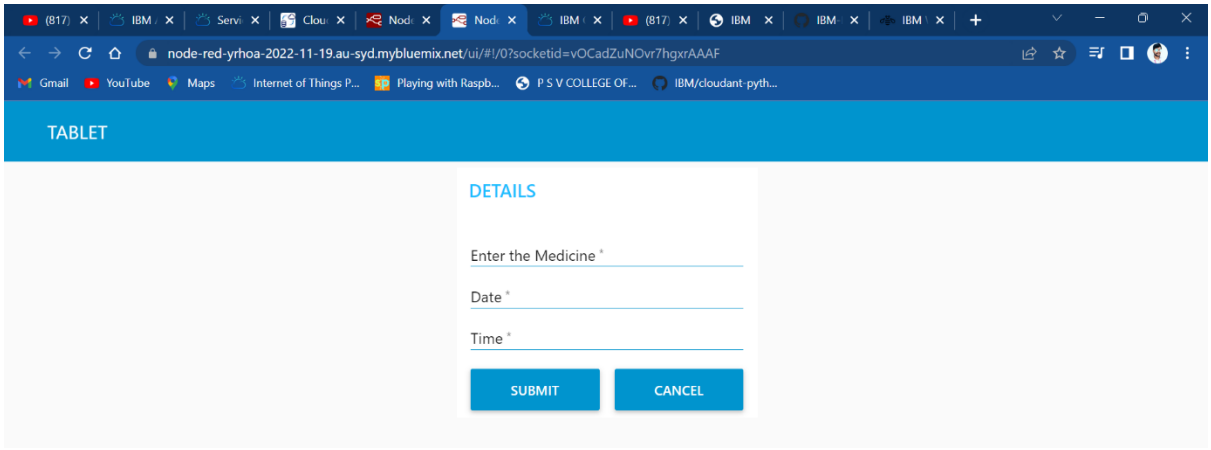


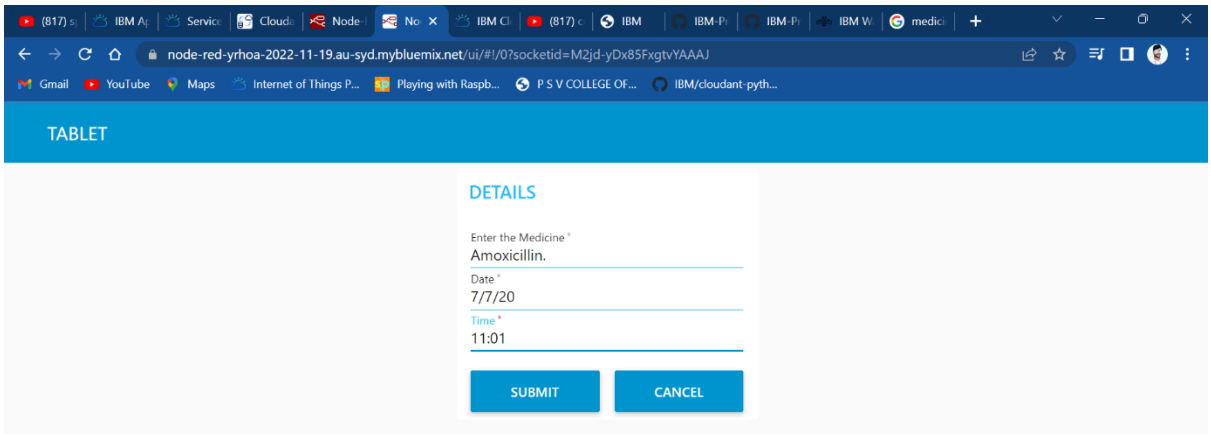
Node-red and Cloud database that store information:



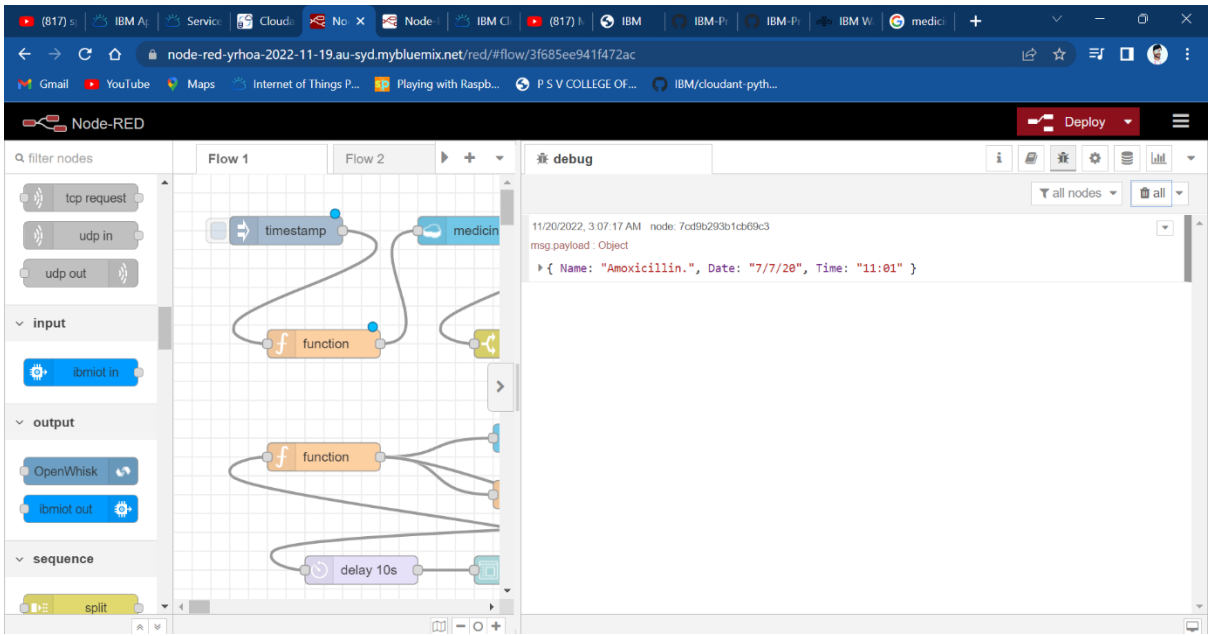

node-red-yrhoa-2022-11-19.au-syd.mybluemix.net/red/#
Node-RED
Successfully deployed
Deploy
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
timestamp
medicinedata
function
switch
function
msg.payload
IBM IoT
connected
function
medicinedata
function
msg.payload
delay 10s
form
https://node-red-yrhoa-2022-11-19.au-syd.mybluemix.net/red/#


node-red-yrhoa-2022-11-19.au-syd.mybluemix.net/red/#
Node-RED
Deploy
Flow 1
Edit form node
Delete
Cancel
Done
Properties
Group
[TABLET] DETAILS
Size
auto
Label
optional label
Form elements
Label
Name
Type
Required
UiRows
Remove
Enter the Medicine
medicine
Text
Date
Date
Text
Time
Time
Text
Enabled

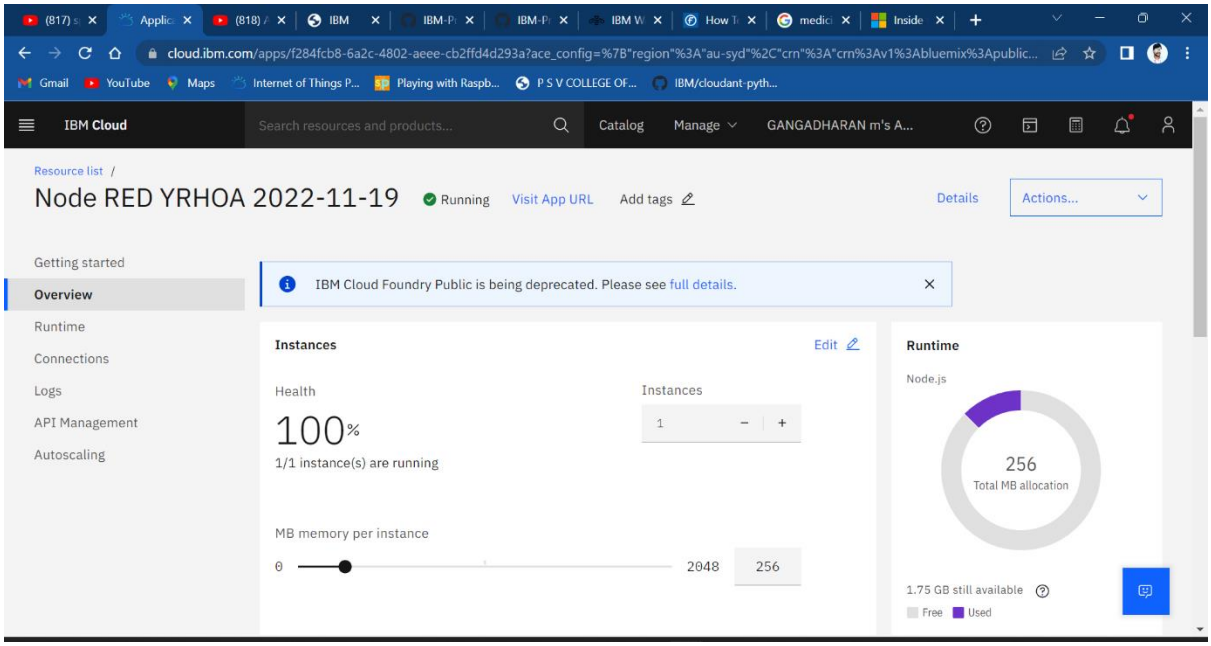


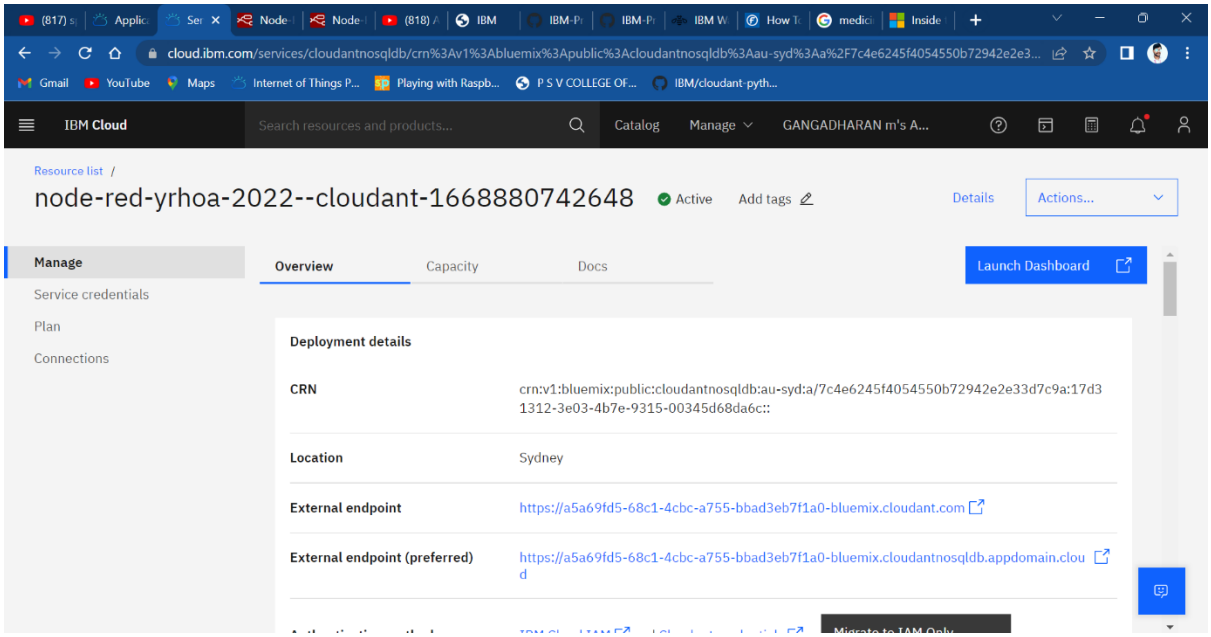


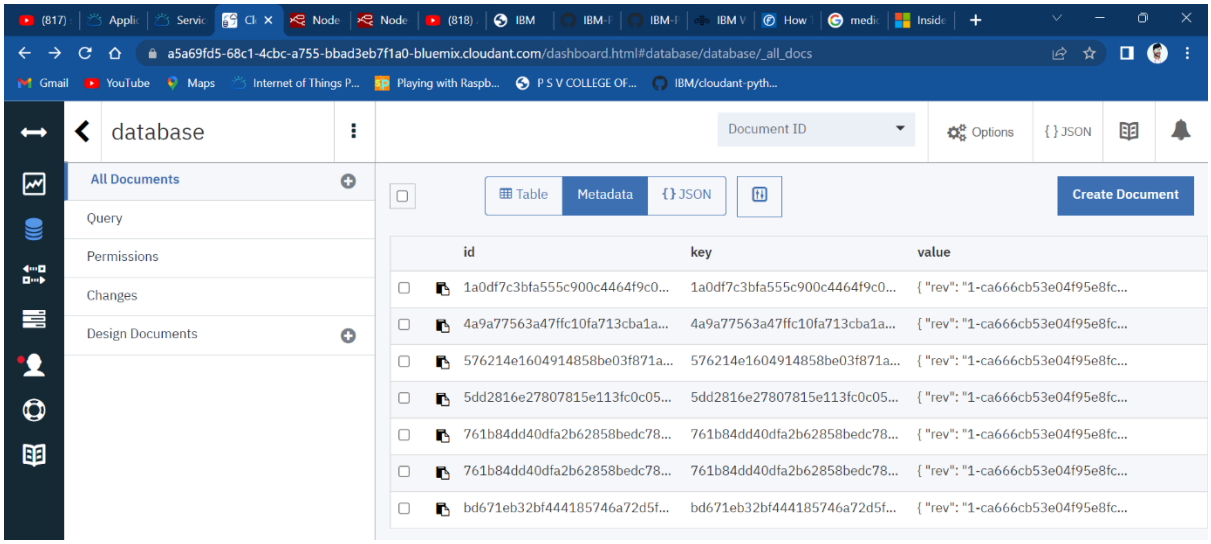
- Here we created a form to store details of the medicine and what time we want to take medicine.



- The information are stored in database.






a5a69fd5-68c1-4cbc-a755-bbad3eb7f1a0-bluemix.cloudant.com/dashboard.html#database/database/_all_docs
database
Document ID
Options
{ } JSON
All Documents
Query
Permissions
Changes
Design Documents
Table
Metadata
{ } JSON
Create Document
id
key
value
1a0df7c3bfa555c900c4464f9c0...
1a0df7c3bfa555c900c4464f9c0...
{ "rev": "1-ca666cb53e04f95e8fc...
4a9a77563a47ffc10fa713cba1a...
4a9a77563a47ffc10fa713cba1a...
{ "rev": "1-ca666cb53e04f95e8fc...
576214e1604914858be03f871a...
576214e1604914858be03f871a...
{ "rev": "1-ca666cb53e04f95e8fc...
5dd2816e27807815e113fc0c05...
5dd2816e27807815e113fc0c05...
{ "rev": "1-ca666cb53e04f95e8fc...
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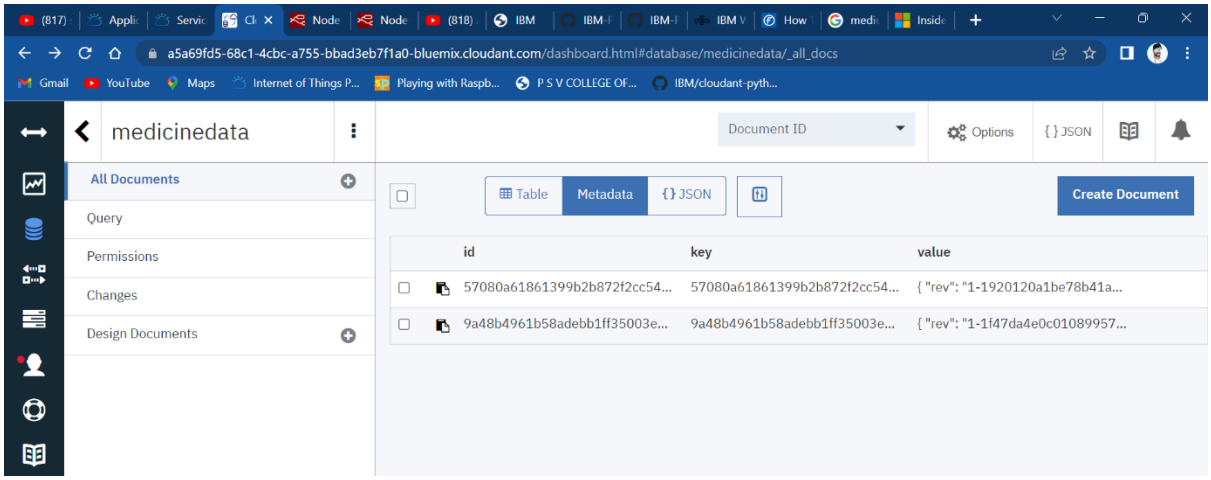
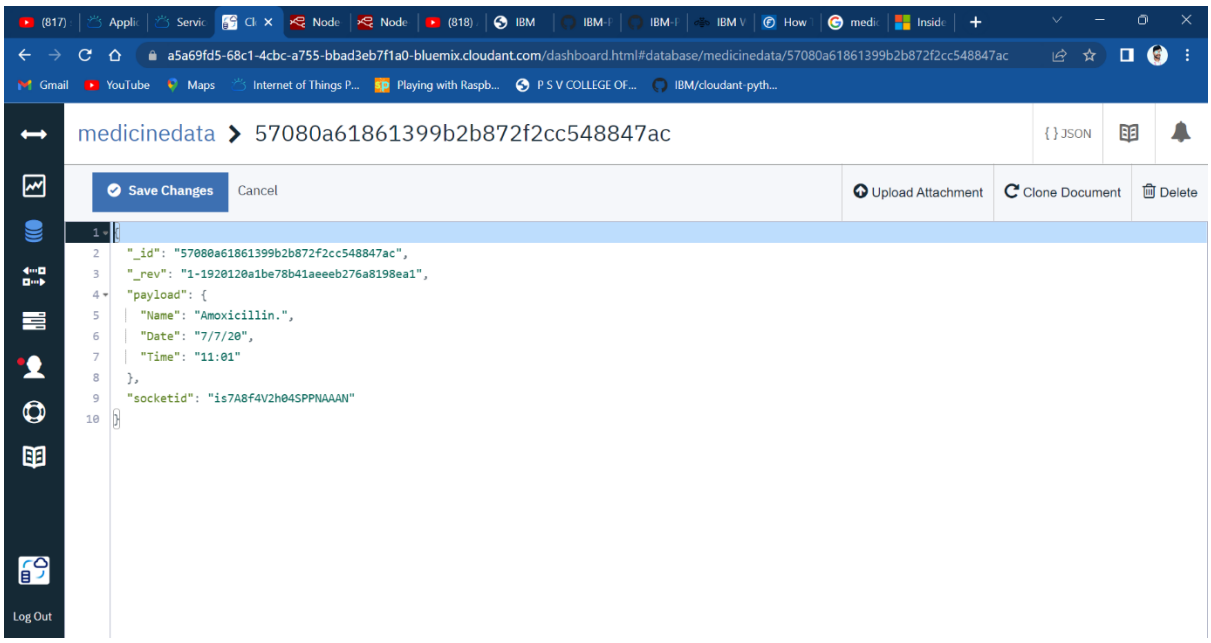
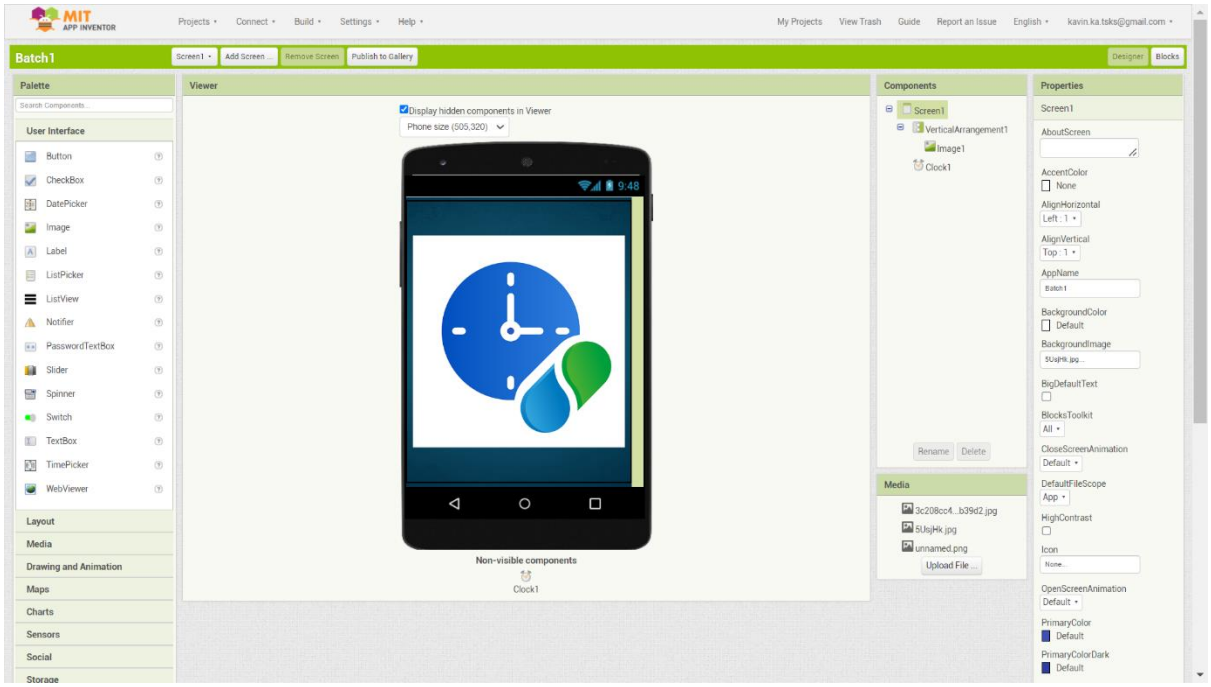
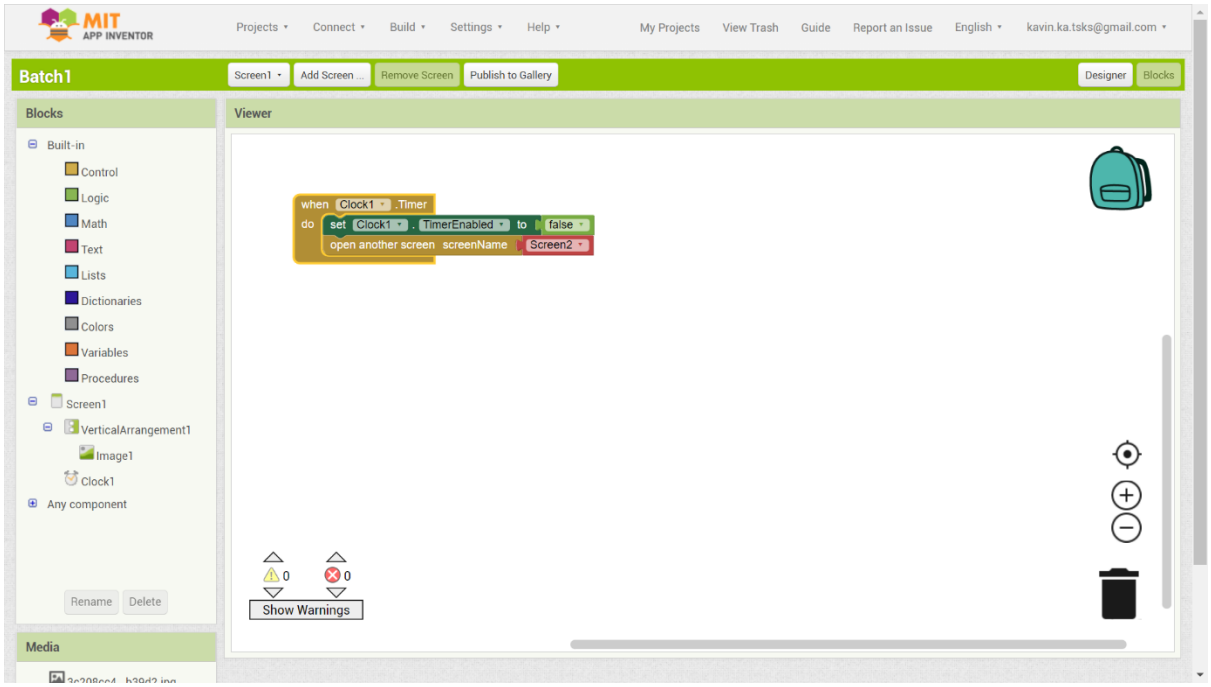
761b84dd40dfa2b62858bedc78...
{ "rev": "1-ca666cb53e04f95e8fc...
761b84dd40dfa2b62858bedc78...
761b84dd40dfa2b62858bedc78...
{ "rev": "1-ca666cb53e04f95e8fc...
bd671eb32bf444185746a72d5f...
bd671eb32bf444185746a72d5f...
{ "rev": "1-ca666cb53e04f95e8fc...

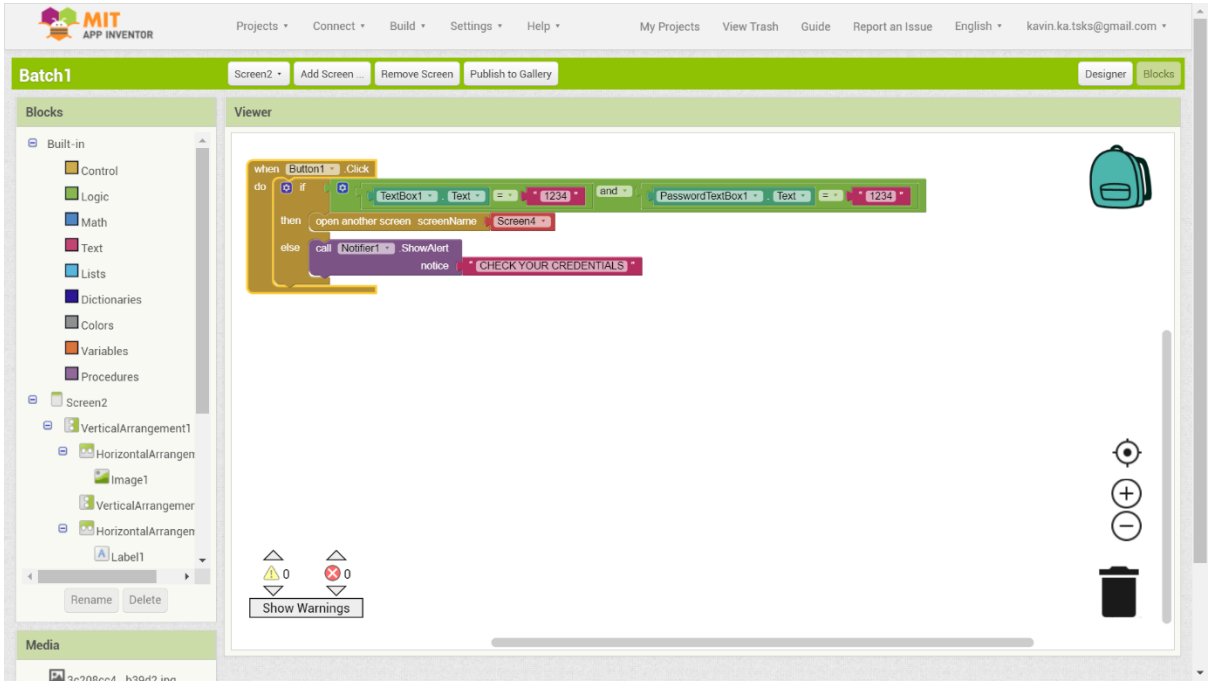

a5a69fd5-68c1-4cbc-a755-bbad3eb7f1a0-bluemix.cloudant.com/dashboard.html#database/medicinedata/_all_docs
medicinedata
Document ID
Options
{ } JSON
All Documents
Query
Permissions
Changes
Design Documents
Table
Metadata
{ } JSON
Create Document
id
key
value
57080a61861399b2b872f2cc54...
57080a61861399b2b872f2cc54...
{ "rev": "1-1920120a1be78b41a...
9a48b4961b58adebb1ff35003e...
9a48b4961b58adebb1ff35003e...
{ "rev": "1-1f47da4e0c01089957...

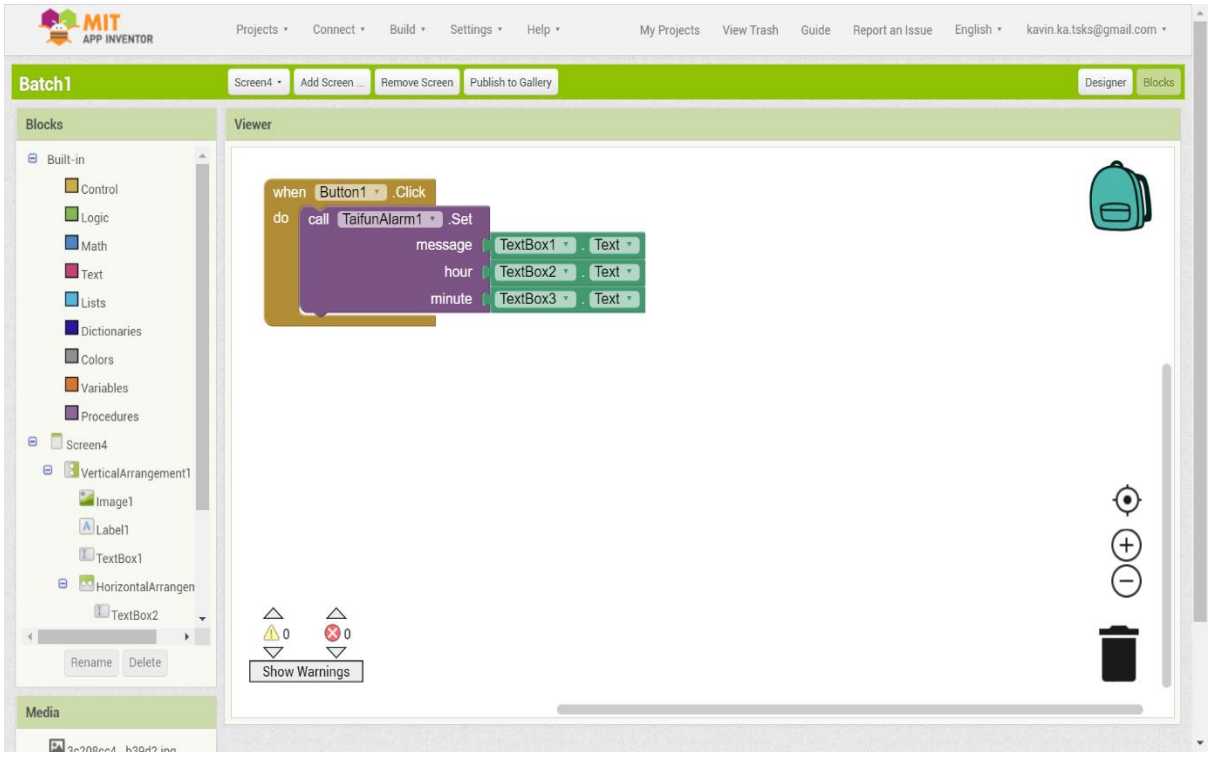

a5a69fd5-68c1-4cbc-a755-bbad3eb7f1a0-bluemix.cloudant.com/dashboard.html#database/medicinedata/57080a61861399b2b872f2cc548847ac
medicinedata > 57080a61861399b2b872f2cc548847ac
{ } JSON
Save Changes
Cancel
Upload Attachment
Clone Document
Delete
{
"_id": "57080a61861399b2b872f2cc548847ac",
"_rev": "1-1920120a1be78b41aeeeb276a8198ea1",
"payload": {
"Name": "Amoxicillin.",
"Date": "7/7/20",
"Time": "11:01"
},
"socketid": "is7A8f4V2h04SPPNAAAN"
}
Log Out

Application for User:






MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
kavin.ka.tsks@gmail.com
Batch1
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
VerticalArrangement1
HorizontalArrangen
Image1
VerticalArrangemer
HorizontalArrangen
Label1
Rename
Delete
Media
Viewer
when Button1 .Click
do if
TextBox1 Text = "1234" and PasswordTextBox1 . Text = "1234"
then open another screen screenName Screen4
else call Notifier1 .ShowAlert
notice "CHECK YOUR CREDENTIALS"
0
0
Show Warnings


MIT APP INVENTOR
Projects
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Report an Issue
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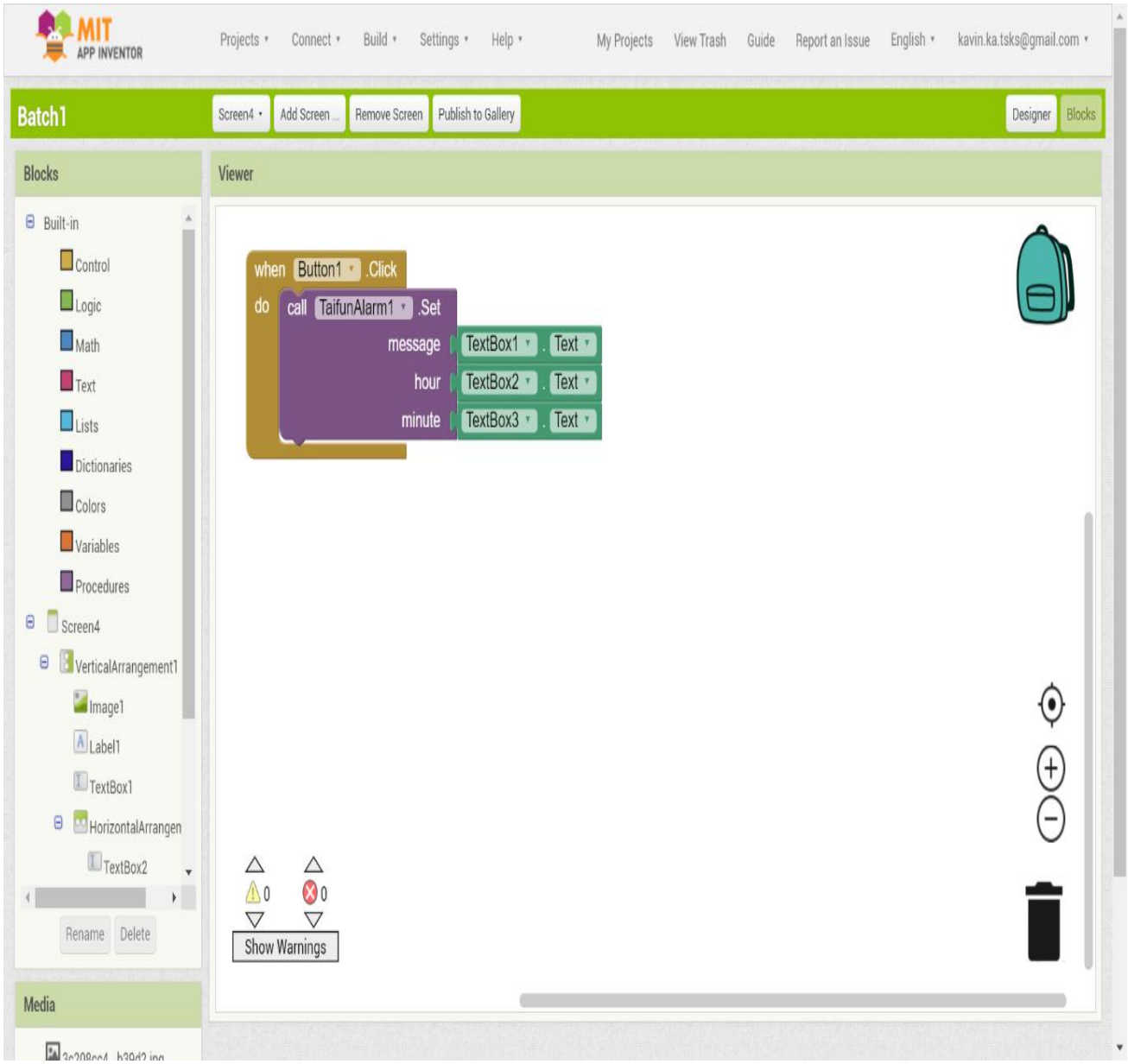
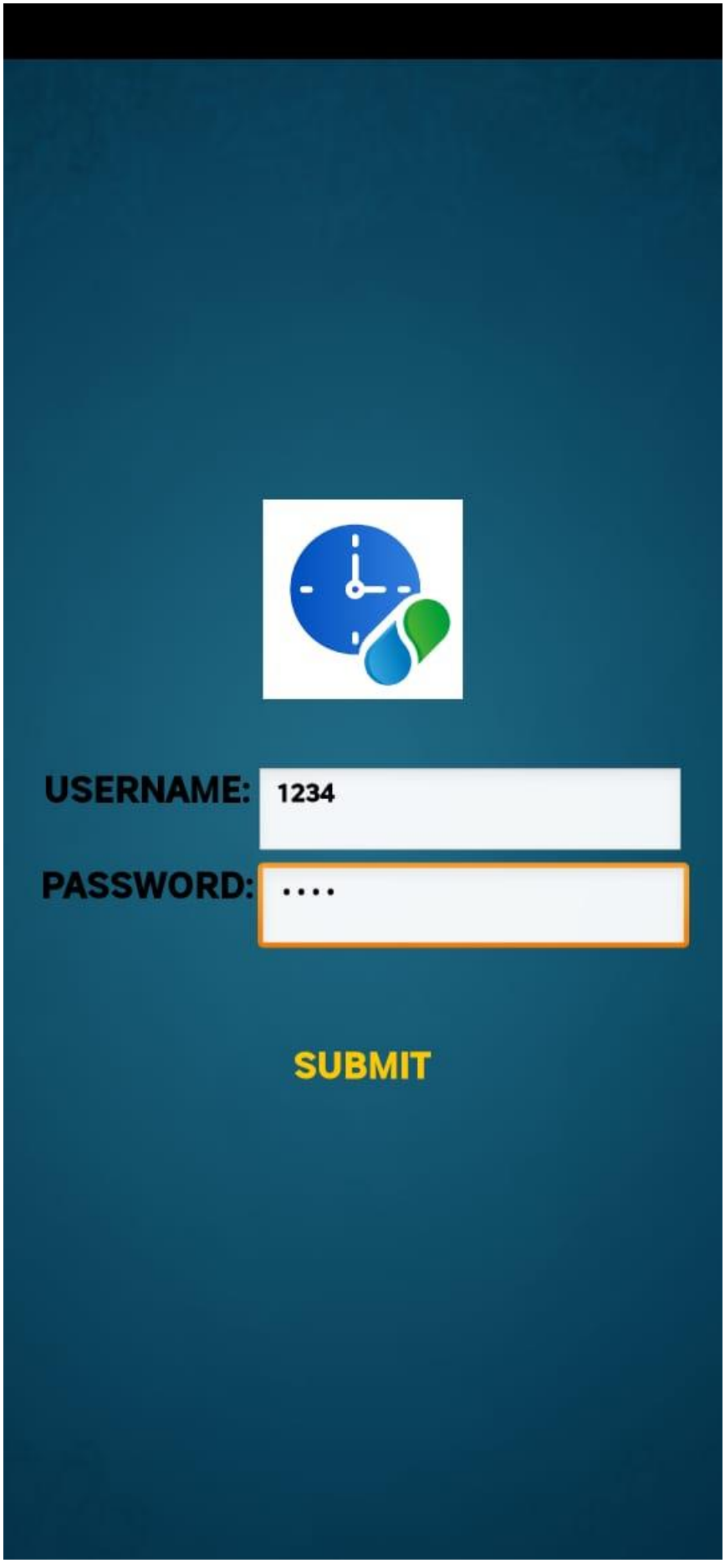
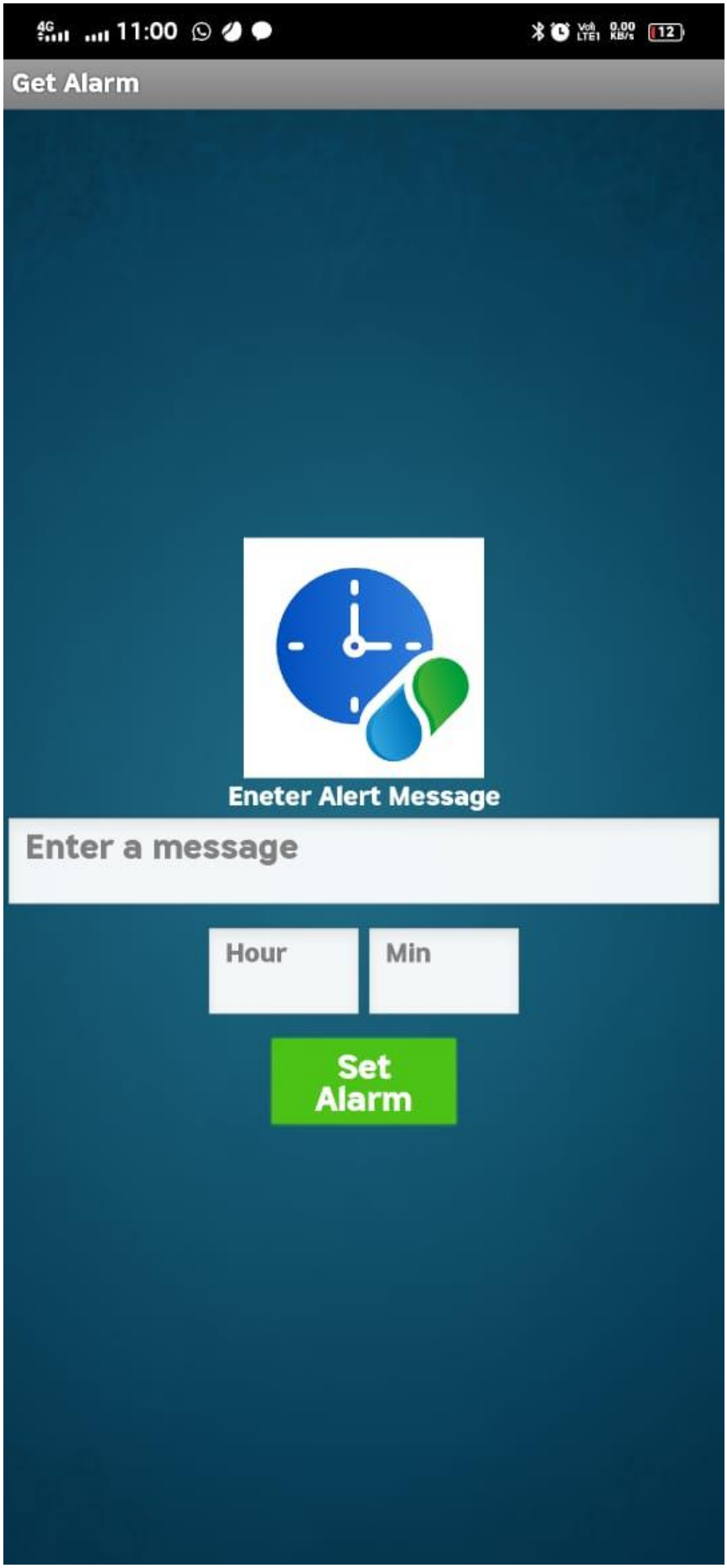
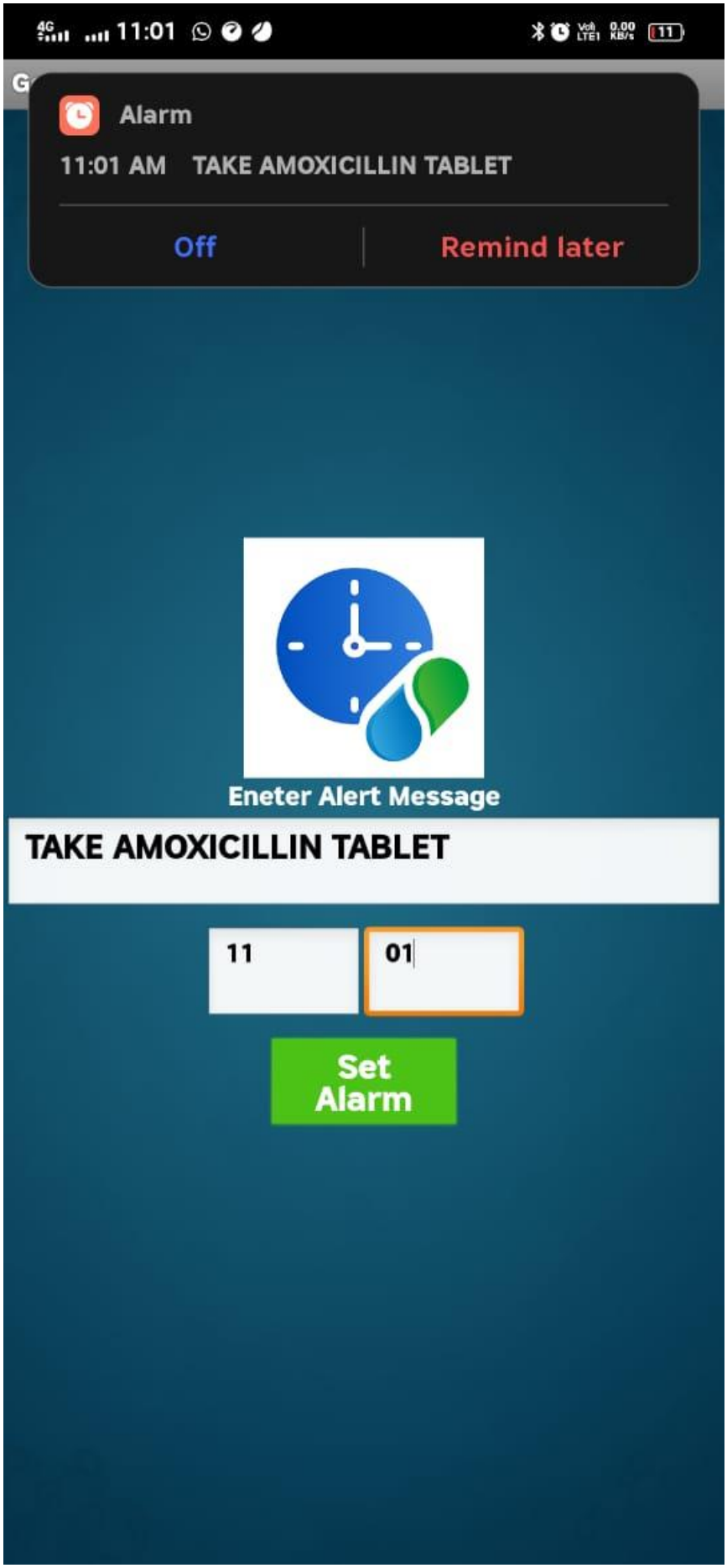
kavin.ka.tsks@gmail.com
Batch1
Screen4
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen4
VerticalArrangement1
Image1
Label1
TextBox1
HorizontalArrangen
TextBox2
Rename
Delete
Media
Viewer
when Button1 .Click
do call TaifunAlarm1 .Set
message TextBox1 . Text
hour TextBox2 . Text
minute TextBox3 . Text
0
0
Show Warnings


MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
kavin.ka.tsks@gmail.com
Batch1
Screen4
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen4
VerticalArrangement1
Image1
Label1
TextBox1
HorizontalArrangen
TextBox2
Rename
Delete
Media
when Button1 .Click
do call TaifunAlarm1 .Set
message TextBox1 . Text
hour TextBox2 . Text
minute TextBox3 . Text
0
0
Show Warnings


11:00


USERNAME:
1234
PASSWORD:
••••
SUBMIT


11:00
Get Alarm
Eneter Alert Message
Enter a message
Hour
Min
Set Alarm


11:01
Alarm
11:01 AM TAKE AMOXICILLIN TABLET
Off
Remind later
Eneter Alert Message
TAKE AMOXICILLIN TABLET
11
01
Set Alarm