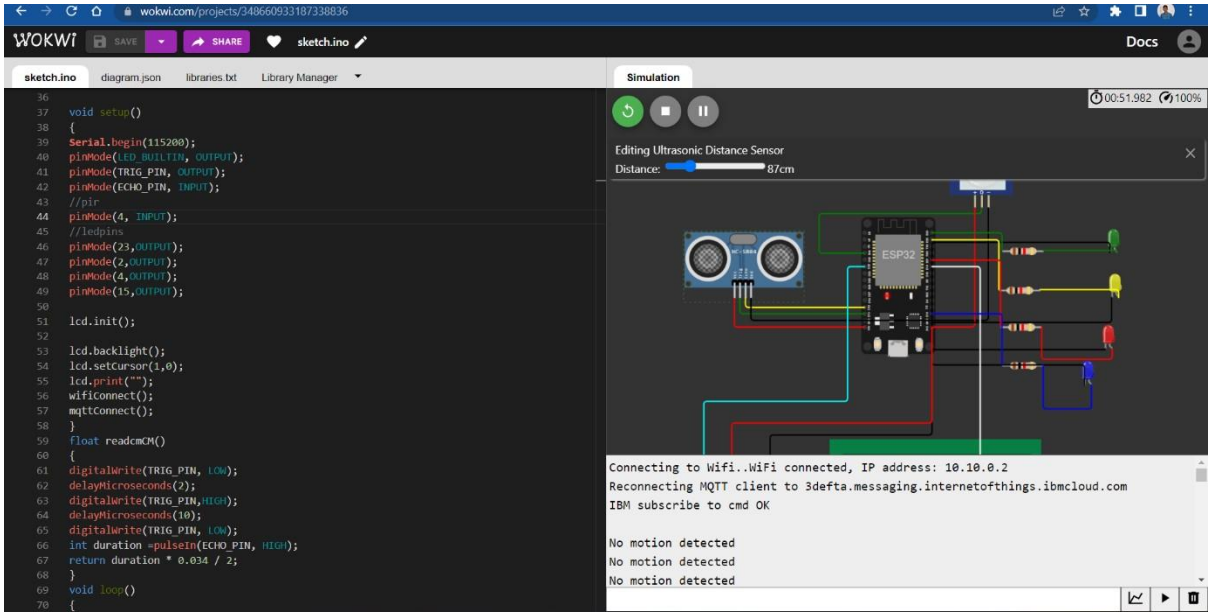
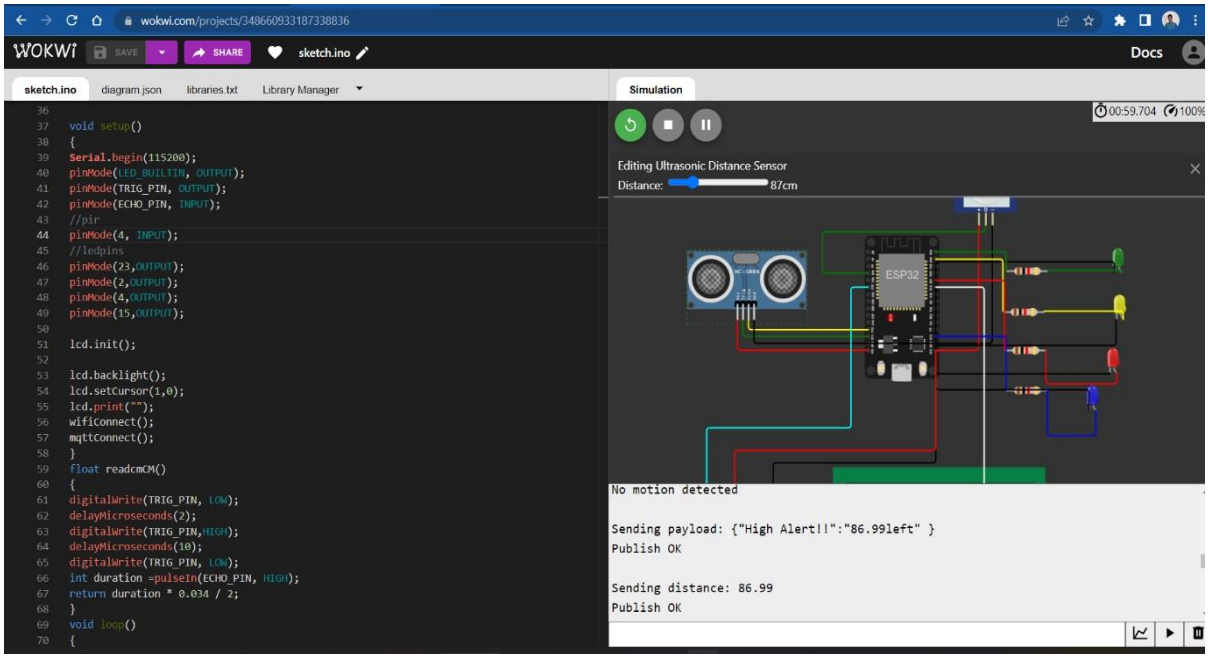
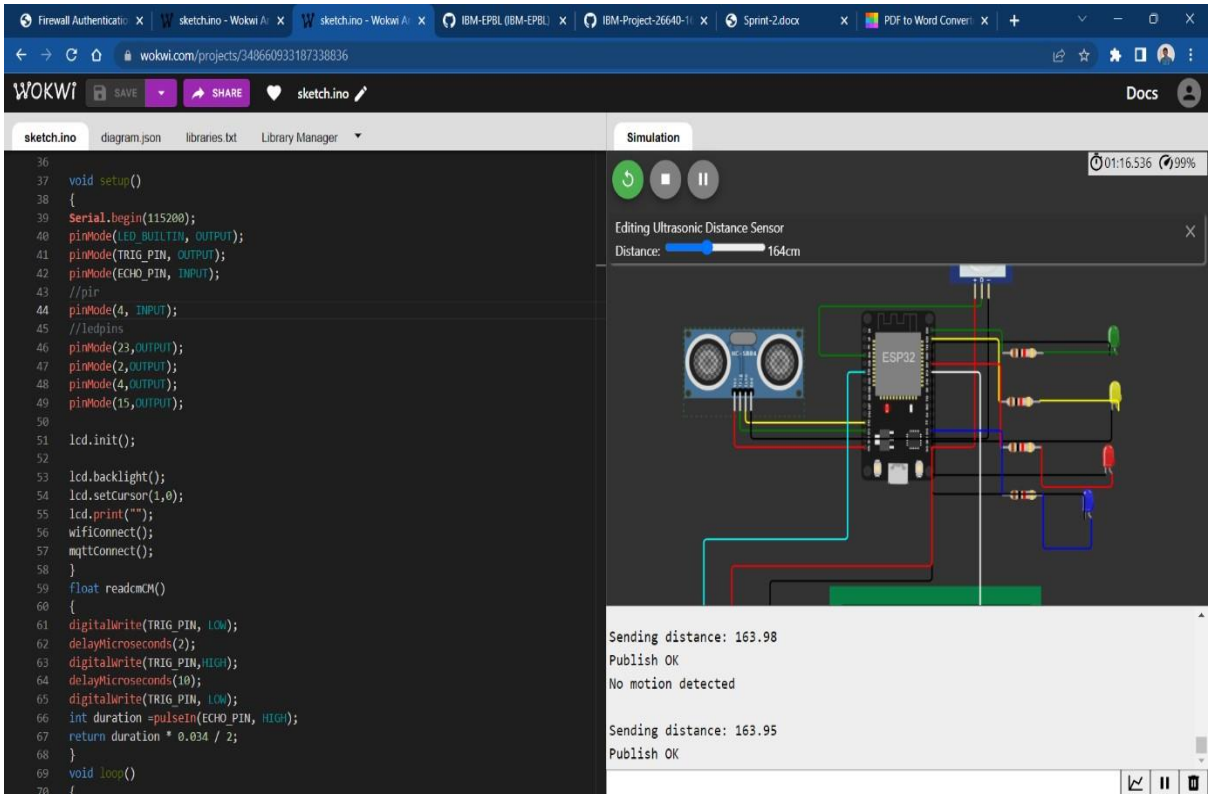
TEAM ID	PNT2022TMI04391
DATE	17 NOVEMBER 2022
PROJECT NAME	Smart Waste Management for Metropolitan Cities
TEAM MEMBERS	ROHITH VIGNESH HARI PRASATH P HARSHIT R MOHAMED ROSHAN M

FINAL CODE OUTPUT:




wokwi.com/projects/348660933187338836
WOKWI
SAVE
SHARE
sketch.ino
Docs
sketch.ino
diagram.json
libraries.txt
Library Manager
Simulation
00:59.704
100%
Editing Ultrasonic Distance Sensor
Distance:
87cm
ESP32
No motion detected
Sending payload: {"High Alert!!":"86.99left" }
Publish OK
Sending distance: 86.99
Publish OK
void setup()
{
Serial.begin(115200);
pinMode(LED_BUILTIN, OUTPUT);
pinMode(TRIG_PIN, OUTPUT);
pinMode(ECHO_PIN, INPUT);
//pir
pinMode(4, INPUT);
//ledpins
pinMode(23,OUTPUT);
pinMode(2,OUTPUT);
pinMode(4,OUTPUT);
pinMode(15,OUTPUT);
lcd.init();
lcd.backlight();
lcd.setCursor(1,0);
lcd.print("");
wifiConnect();
mqttConnect();
}
float readcmCM()
{
digitalWrite(TRIG_PIN, LOW);
delayMicroseconds(2);
digitalWrite(TRIG_PIN,HIGH);
delayMicroseconds(10);
digitalWrite(TRIG_PIN, LOW);
int duration =pulseIn(ECHO_PIN, HIGH);
return duration * 0.034 / 2;
}
void loop()
{


Firewall Authenticatio
sketch.ino - Wokwi A
sketch.ino - Wokwi A
IBM-EPBL (IBM-EPBL)
IBM-Project-26640-1
Sprint-2.docx
PDF to Word Conver
wokwi.com/projects/348660933187338836
WOKWI
SAVE
SHARE
sketch.ino
Docs
sketch.ino
diagram.json
libraries.txt
Library Manager
Simulation
01:16.536
99%
Editing Ultrasonic Distance Sensor
Distance:
164cm
ESP32
Sending distance: 163.98
Publish OK
No motion detected
Sending distance: 163.95
Publish OK
void setup()
{
Serial.begin(115200);
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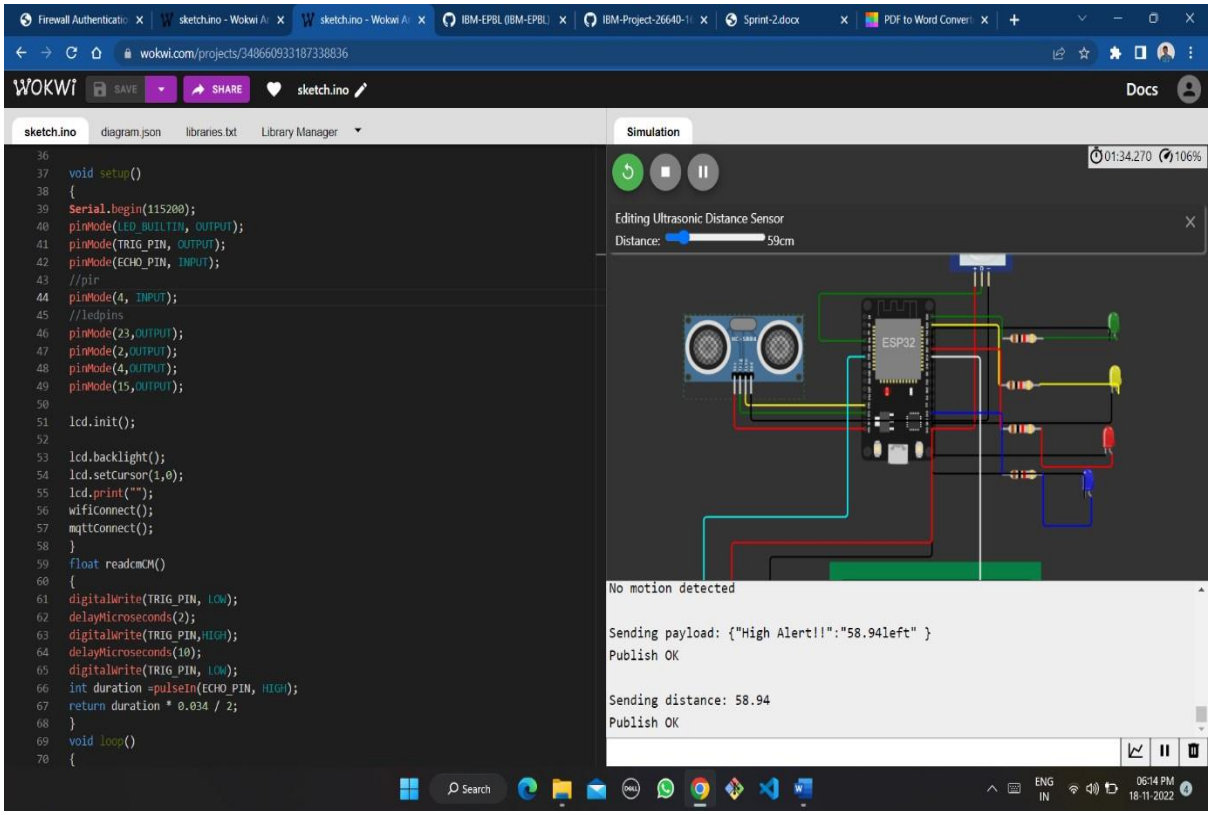


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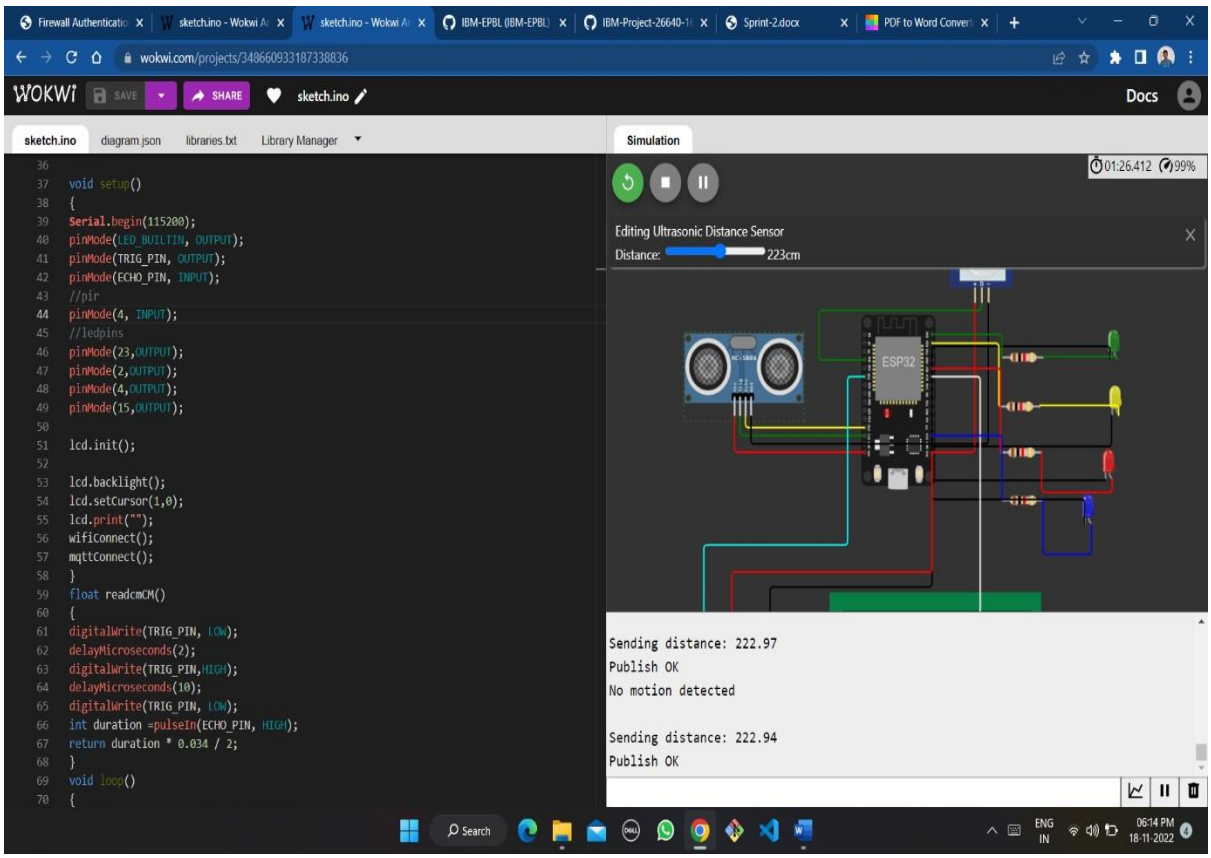


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