**INSTRUCTIONS:**

1. Paste the code below into the arduino IDE

#include <AltSoftSerial.h>

AltSoftSerial ASSserial;

#include<SPI.h>

#include<Wire.h>

#include<Adafruit\_GFX.h>

#include<Adafruit\_SSD1306.h>

Adafruit\_SSD1306 oled;

int pwm = 3;

void setup() {

ASSserial.begin(9600);

pinMode(pwm,OUTPUT);

oled.begin(SSD1306\_SWITCHCAPVCC);

oled.clearDisplay();

oled.setTextColor(WHITE);

oled.setTextSize(1);

}

void loop() {

oled.clearDisplay();

if (ASSserial.available())

{

String myTime = ASSserial.readStringUntil('|');

ASSserial.read();

String myDate = ASSserial.readStringUntil('\n');

ASSserial.read();

String myPhone = ASSserial.readStringUntil('\n');

if(myTime.indexOf('time') >= 0)

{

oled.setCursor(2,5);

oled.clearDisplay();

oled.print("Error - Data not Recieved");

oled.display();

}

else

{

oled.setTextSize(2);

oled.setCursor(5,5);

oled.print(myTime);

oled.display();

}

if(myDate.indexOf('date') >=0)

{

oled.setCursor(20,25);

oled.println("Data not reecieved");

}

else{

oled.setTextSize(1);

oled.setCursor(20,25);

oled.print(myDate );

oled.display();

}

if(myPhone.indexOf('phone') >= 0)

{

digitalWrite(pwm, LOW);

}

else

{

oled.clearDisplay();

oled.setCursor(10,0);

oled.setTextSize(2);

oled.println(myPhone);

oled.setTextSize(1);

oled.setCursor(10,22);

oled.println("Calling...");

oled.display();

delay(5000);

// Motor Vibration Pattern

digitalWrite(pwm, HIGH);

delay(500);

digitalWrite(pwm, LOW);

delay(500);

}

}

}

1. Go onto your phone, open up the app store, and download the app called ‘MIT AI2 Companion’. From here we have two options for getting the app to your phone:
   1. Go into the shared drive folder and download the smartwatch2\_0.apk file
   2. OR scan the QR code (you will have to ask me for a screenshot of the QR code once I have it set up because it expires in 2 hours after it creates one)
2. Now that the app is downloaded, all you need to do is wire up the circuit with the HC-05 bluetooth module and upload the arduino code and test the app.