

LED_Bluetooth_3 Screen1 Add Screen ... Remove Screen Publish to Gallery Designer Blocks

Palette

Search Components...

User Interface

- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebView

Viewer

Display hidden components in Viewer

Phone size (505,320)

Components

- Screen1
 - HorizontalArrangement2
 - ListPicker1
 - Button3
 - HorizontalArrangement1
 - Button1
 - Button2
 - HorizontalArrangement3
 - Label1
 - BluetoothClient1
 - Clock1

Rename Delete

Media

Upload File ...

Properties

Screen1

AboutScreen

AccentColor

Default

AlignHorizontal

Left : 1

AlignVertical

Top : 1

AppName

LED_Bluetooth

BackgroundColor

Default

BackgroundImage

None...

BlocksToolkit

All

CloseScreenAnimation

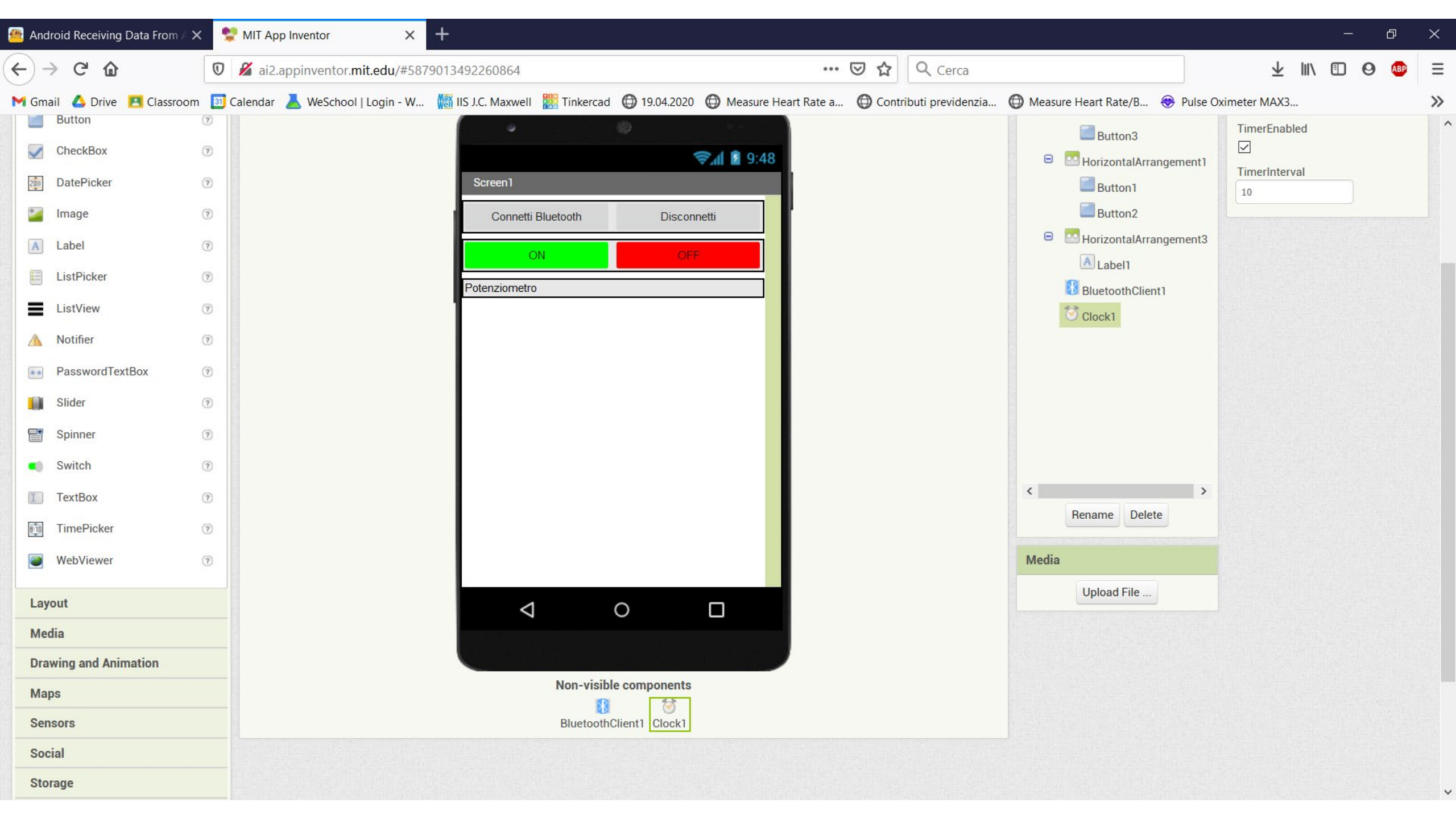
Default

Icon

None...

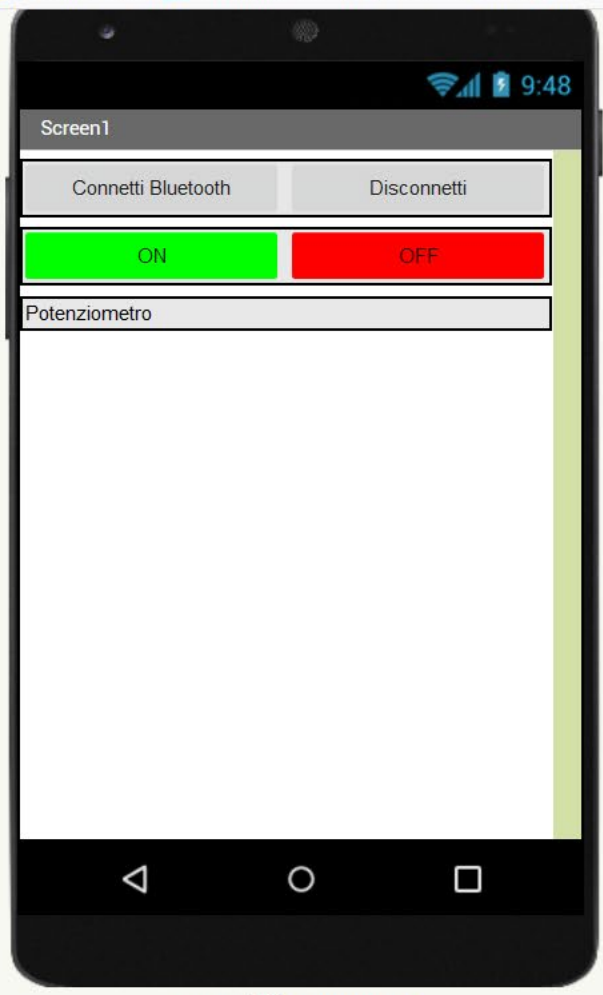
OpenScreenAnimation

Default



- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebView

- Layout
- Media
- Drawing and Animation
- Maps
- Sensors
- Social
- Storage



Non-visible components

- BluetoothClient1
- Clock1

- Button3
- HorizontalArrangement1
 - Button1
 - Button2
- HorizontalArrangement3
 - Label1
 - BluetoothClient1
 - Clock1

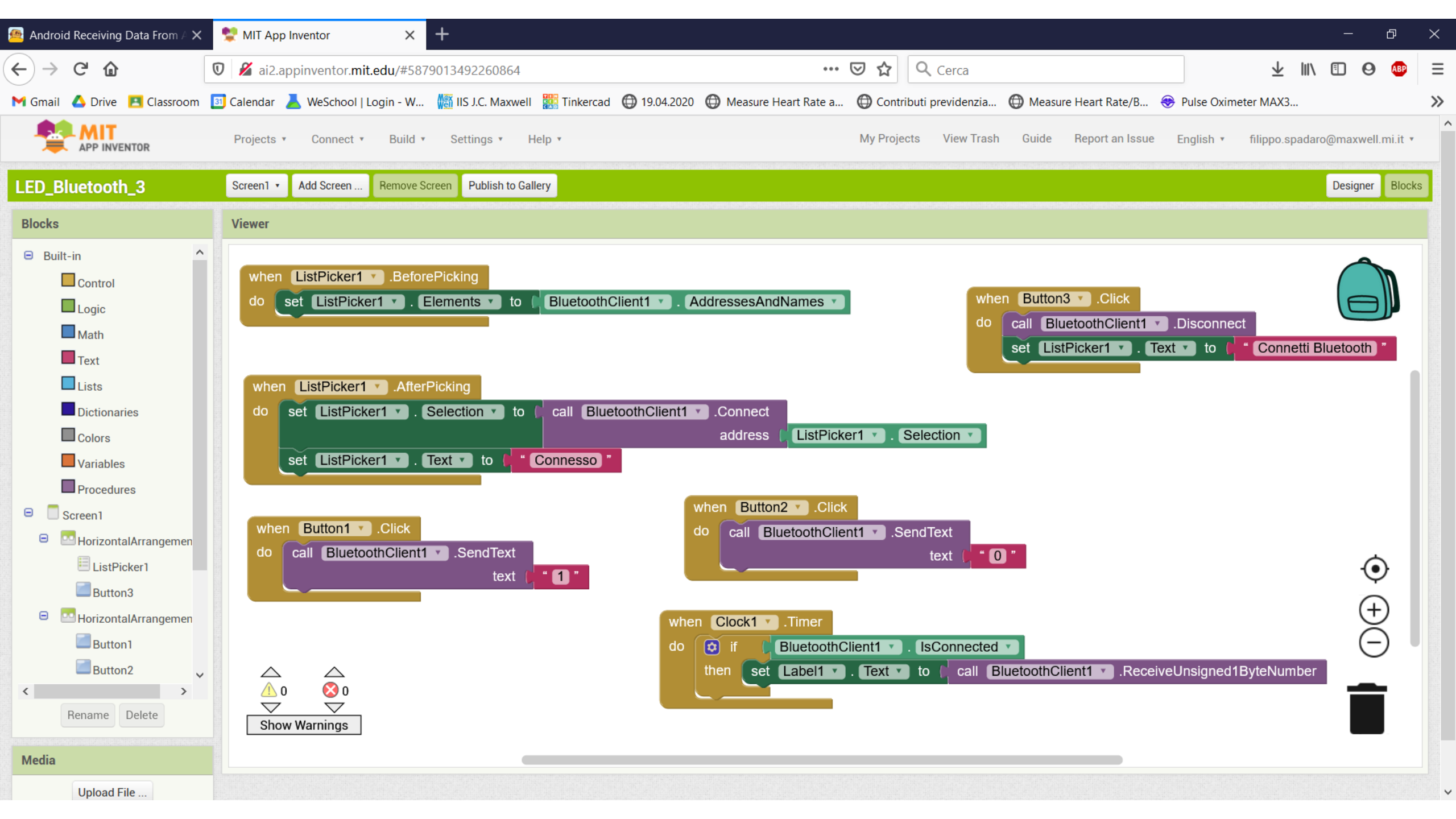
TimerEnabled

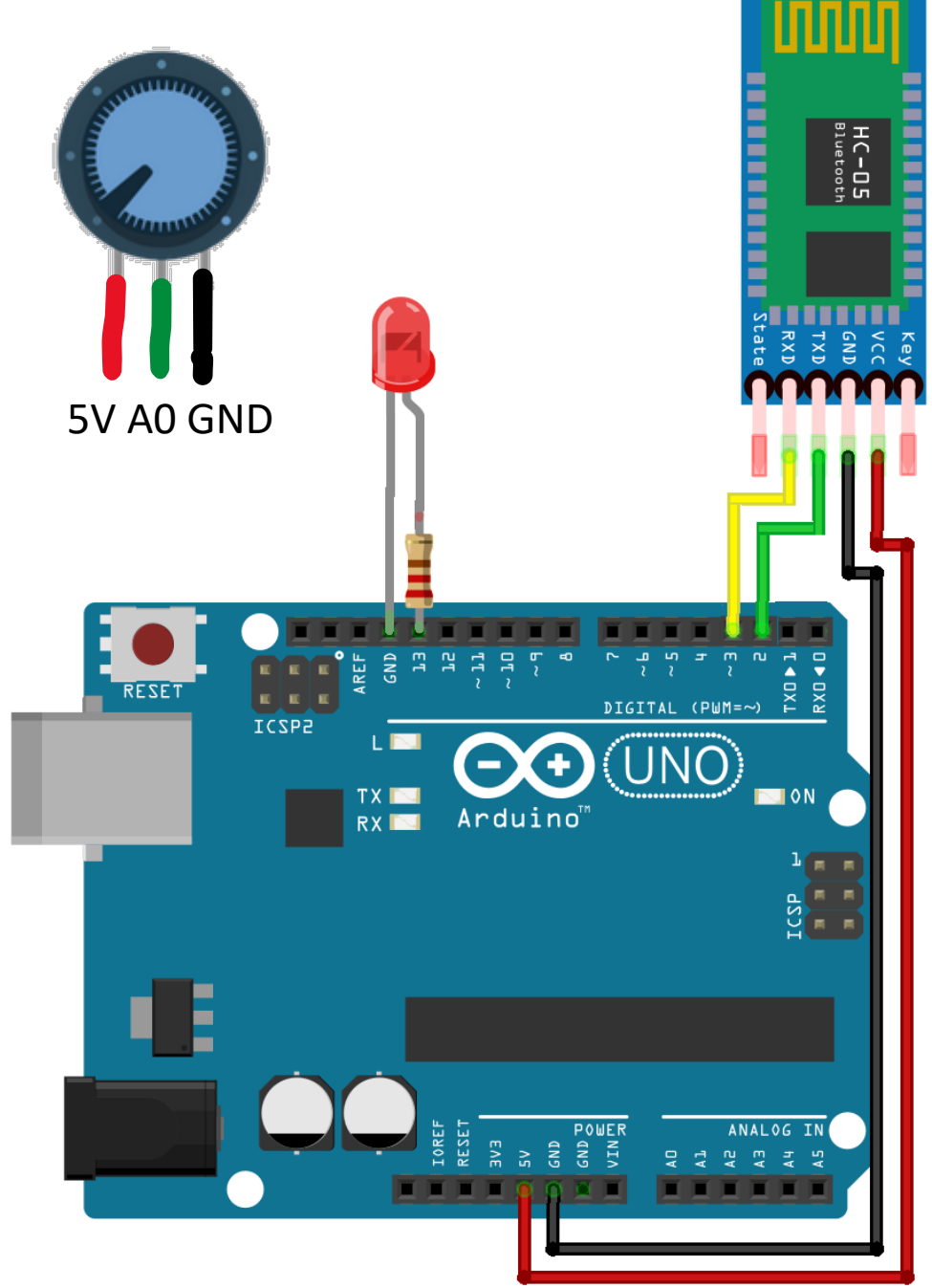
TimerInterval

10

Media

Upload File ...





5V A0 GND

```
#include <SoftwareSerial.h>
```

```
SoftwareSerial Bluetooth(2, 3); // RX, TX
```

```
char Incoming_value = 0;
```

```
int potenziometro;
```

```
void setup()
```

```
{
```

```
  Serial.begin(9600); // seriale USB
```

```
  pinMode(13, OUTPUT); //LED Built In
```

```
  Bluetooth.begin(9600); // set the data rate for the SoftwareSerial port
```

```
}
```

```
void loop()
```

```
{
```

```
  potenziometro = analogRead(A0)/4;
```

```
  Bluetooth.write(potenziometro);
```

```
  delay (100);
```

```
  if(Bluetooth.available() > 0)
```

```
  {
```

```
    Incoming_value = Bluetooth.read();
```

```
    Bluetooth.print("\n");
```

```
    if(Incoming_value == '1')
```

```
      digitalWrite(13, HIGH);
```

```
    else if(Incoming_value == '0')
```

```
      digitalWrite(13, LOW);
```

```
  }
```

```
}
```