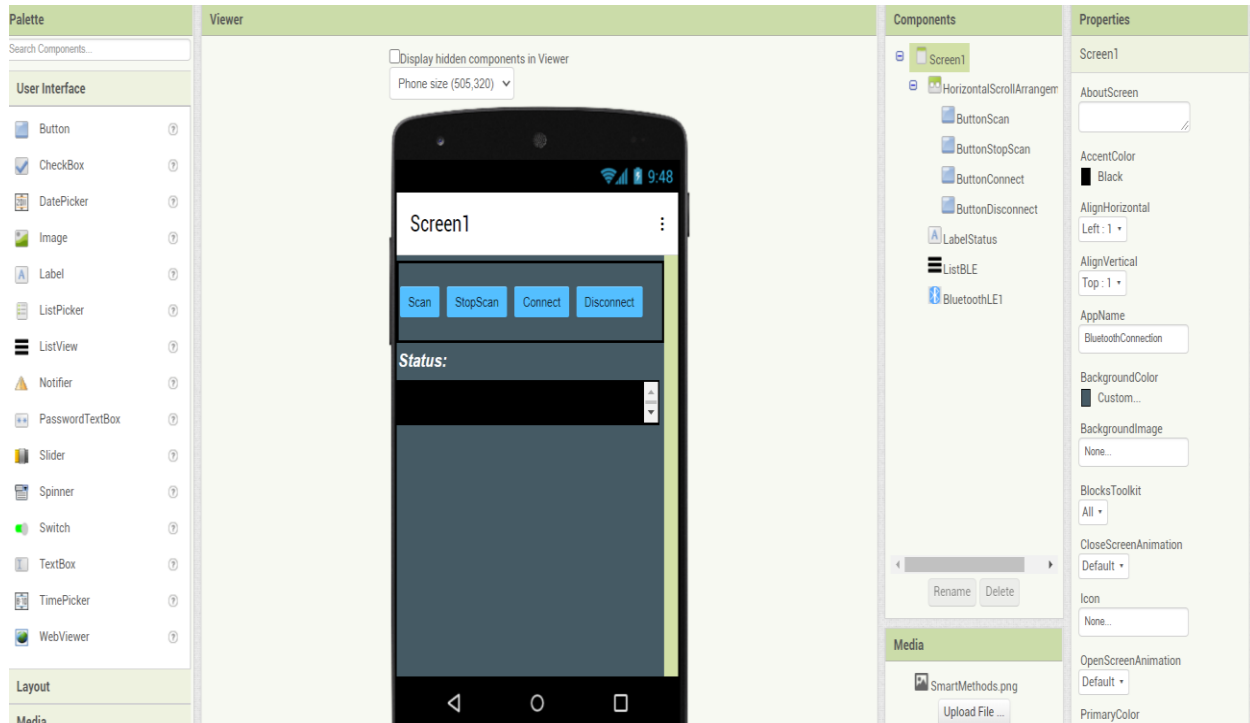


App Inventor Bluetooth Connection



Now let's test out our app using the MIT AI2 Companion. Once you've connected your device to your computer, test the app using the following steps:

- **Click the Scan button. You should see a list of BLE devices.**
- **When you see your device, click Stop Scan.**
- **Click on your device name in the list.**
- **Click Connect. If your device successfully connects your LabelStatus should change to "Status: Connected".**

```
when ButtonScan .Click
do
  call BluetoothLE1 .StartScanning
  set LabelStatus .Text to "Status: Scanning "
  set ListBLE .Visible to true
```

```
when ButtonStopScan .Click
do
  call BluetoothLE1 .StopScanning
  set LabelStatus .Text to "Status: Stopped Scanning "
```

```
when BluetoothLE1 .DeviceFound
do
  set ListBLE .ElementsFromString to BluetoothLE1 .DeviceList
```

```
when ButtonConnect .Click
do
  call BluetoothLE1 .Connect
  index ListBLE .SelectionIndex
  set LabelStatus .Text to "Status: Connecting "
```

```
when BluetoothLE1 .Connected
do
  set LabelStatus .Text to "Status: Connected "
  set ListBLE .Visible to false
```

```
when ButtonDisconnect .Click
do
  call BluetoothLE1 .Disconnect
```

```
when BluetoothLE1 .Disconnected
do
  set LabelStatus .Text to "Status: Disconnected "
```

Screen1



Scan

StopScan

Connect

Disconnect

Status: Scanning

22:C6:0E:70:3F:90 null -38

5D:62:8F:60:62:97 null -38

E4:34:93:80:86:61 HUAWEI
WATCH GT-661 -47

49:F0:C2:4A:09:2D null -49

55:A9:1B:53:48:43 null -76

7D:79:DB:55:B9:3F null -79

59:F1:14:F7:42:90 null -82

48:6F:B1:3C:B8:39 null -87

30:F9:10:47:4A:03 null -89

21:47:90:B1:4C:A9 null -95

Screen1



Scan

StopScan

Connect

Disconnect

Status: Stopped Scanning

22:C6:0E:70:3F:90 null -38

5D:62:8F:60:62:97 null -38

E4:34:93:80:86:61 HUAWEI
WATCH GT-661 -47

49:F0:C2:4A:09:2D null -49

55:A9:1B:53:48:43 null -76

7D:79:DB:55:B9:3F null -79

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48:6F:B1:3C:B8:39 null -87

30:F9:10:47:4A:03 null -89

21:47:90:B1:4C:A9 null -95





Bluetooth, 50%, 11:51

Screen1



Scan

StopScan

Connect

Disconnect

Status: Connected



Screen1



Scan

StopScan

Connect

Disconnect

Status: Disconnected