

Android Code

App is available for download as Bluetooth_Beta on the MIT App website

```
initialize global List to create empty list
initialize global Recieved_data to ""

when ListPicker1 . BeforePicking
do set ListPicker1 . Elements to BluetoothClient1 . AddressesAndNames

when ListPicker1 . AfterPicking
do set ListPicker1 . Selection to call BluetoothClient1 . Connect
address ListPicker1 . Selection

when Clock1 . Timer
do if BluetoothClient1 . IsConnected
then set Clock1 . TimerAlwaysFires to true
if call BluetoothClient1 . BytesAvailableToReceive > 0
then set global Recieved_data to call BluetoothClient1 . ReceiveText
numberOfBytes call BluetoothClient1 . BytesAvailableToReceive
set global List to split text get global Recieved_data
at ""
set Label2 . Text to if length of list list get global List ≥ 1
then select list item list get global List
index 1
else ""
set Label6 . Text to if length of list list get global List ≥ 2
then select list item list get global List
index 2
else ""
set Label9 . Text to if length of list list get global List ≥ 3
then select list item list get global List
index 3
else ""
set Label15 . Text to if length of list list get global List ≥ 4
then select list item list get global List
index 4
else ""
set Label19 . Text to if length of list list get global List ≥ 5
then select list item list get global List
index 5
else ""
set Label12 . Text to if length of list list get global List ≥ 6
then select list item list get global List
index 6
else ""
if Label19 . Text ≠ "0.0"
then set Image2 . Visible to true
if Label19 . Text = "X"
then set Image2 . Visible to false
if compare texts Label12 . Text = "X"
then call Notifier1 . ShowAlertDialog
message "Oops! Charging has stopped."
title "Emergency Shutoff"
buttonText "Dismiss"
set global List to create empty list
set global Recieved_data to ""
if BluetoothClient1 . IsConnected
then set Label4 . Text to BluetoothClient1 . IsConnected
set CheckBox1 . Checked to CheckBox1 . Enabled
```