```
when TV_OFF . Click
do  set TV_OFF . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " b "
    set Bluetooth_Status . Text to " TV is turned off "
    call TextToSpeech1 .Speak
                     message " TV is turned off "
```

```
when TV_ON . Click
do  set TV_ON . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " a "
    set Bluetooth_Status . Text to " TV is turned on "
    call TextToSpeech1 .Speak
                     message " TV is turned on "
```

```
when FAN_OFF . Click
do  set FAN_OFF . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " d "
    set Bluetooth_Status . Text to " Fan is turned off "
    call TextToSpeech1 .Speak
                     message " Fan is turned off "
```

```
when FAN_ON . Click
do  set FAN_ON . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " c "
    set Bluetooth_Status . Text to " Fan is turned on "
    call TextToSpeech1 .Speak
                     message " Fan is turned on "
```

```
when Light_ON . Click
do  set Light_ON . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " g "
    set Bluetooth_Status . Text to " Light is turned on "
    call TextToSpeech1 .Speak
                     message " Light is turned on "
```

```
when Heater_ON . Click
do  set FAN_OFF . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " e "
    set Bluetooth_Status . Text to " Heater is turned on "
    call TextToSpeech1 .Speak
                     message " Heater is turned on "
```

```
when Light_OFF . Click
do  set Light_OFF . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " h "
    set Bluetooth_Status . Text to " Light is turned off "
    call TextToSpeech1 .Speak
                     message " Light is turned off "
```

```
when Heater_OFF . Click
do  set Heater_OFF . BackgroundColor to [green]
    call BluetoothClient1 .SendText
                     text " f "
    set Bluetooth_Status . Text to " Heater is turned off "
    call TextToSpeech1 .Speak
                     message " Heater is turned off "
```

```
when Clock1 .Timer
do  if   BluetoothClient1 . IsConnected
    then set Bluetooth_Status . Text to " Connected "
         call TextToSpeech1 .Speak
                          message " Bluetooth is Connected "
    else set Bluetooth_Status . Text to " Not Connected "
         call TextToSpeech1 .Speak
                          message " Bluetooth is not Connected "
    if   BluetoothClient1 . IsConnected
    then if   call BluetoothClient1 .BytesAvailableToReceive > 0
         then set Bluetooth_Status . Text to call BluetoothClient1 .ReceiveText
                                             numberOfBytes  call BluetoothClient1 .BytesAvailableToReceive
```

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

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

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Screen1

Home Automation

Click Here to connect

TV ON	TV OFF
Light ON	Light OFF
FAN ON	FAN OFF
Heater ON	Heater OFF