Variables: HeartRate, HeartRate\_f (integer); TapButton(Boolean)

//At the beginning of the journey, driver turns on the device. //

Function StartListing

HeartSensorComponent(HeartRate);

While

//Delay for five minutes//

Count (600)

HeartSensorComponent(HeartRate\_f);

(HeartRate\_f - HeartRate) >20;

CallStimuli;

Function CallStimuli

LED(On)

Vibration Motor On

Count ( 600)

If TapButton(false)

Buzzer On;

Count (600);

If TapButton(false)

//send SMS// sendSMS;

If TapButton(true)

Exit;