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# CHILD ALERT SYSTEM IN A CAR

## PRODUCT DESCRIPTION

- ❖ A system that alert parents that a child is still in the car which is indicated by the car key when pressed to lock.
- ❖ If a child is in the car the sensor detects and the alarm is triggered. If the child is not in the car, it can be locked as usual.

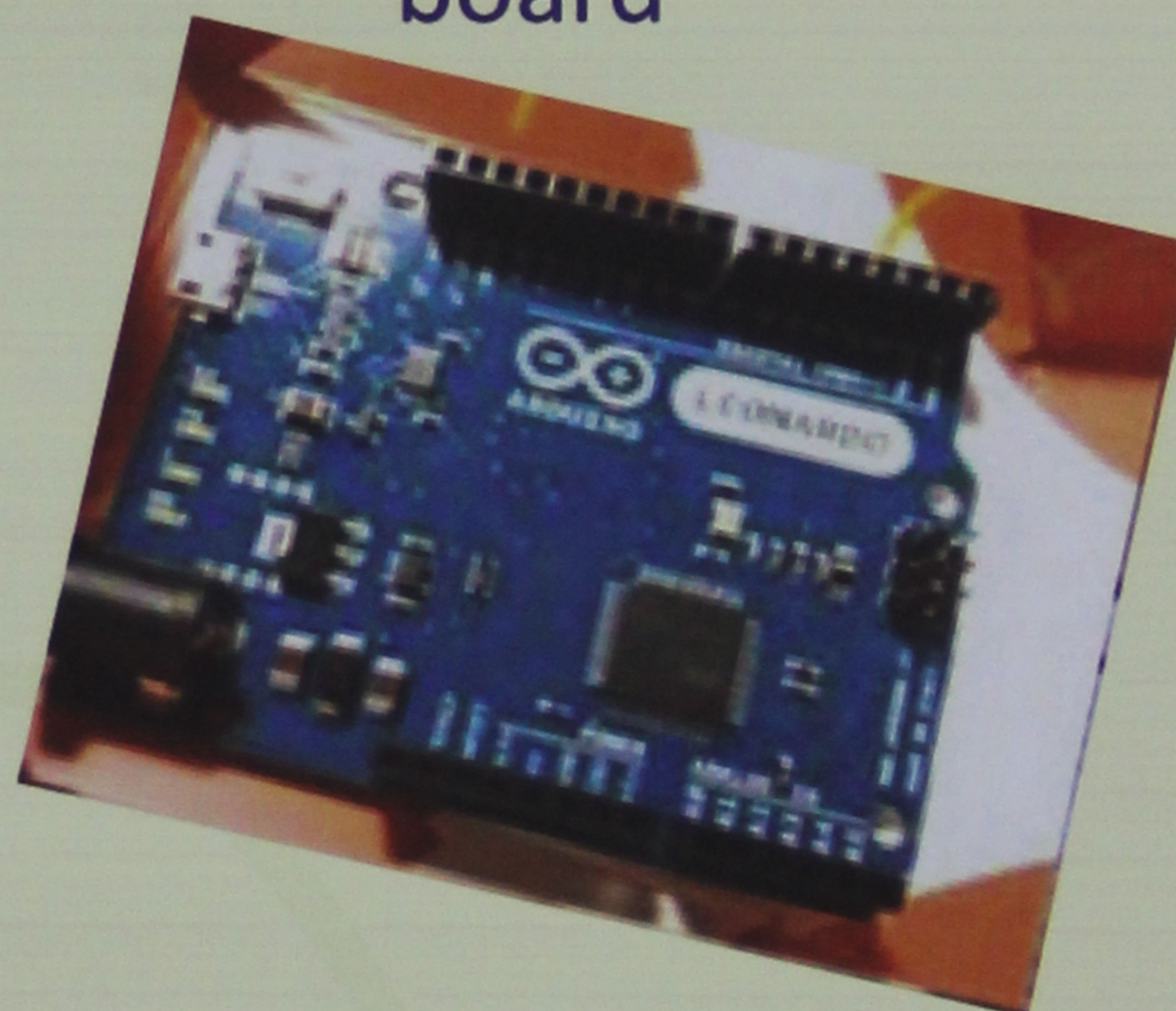
## POTENTIAL APPLICATION

- Can be applied in Malaysian made cars.

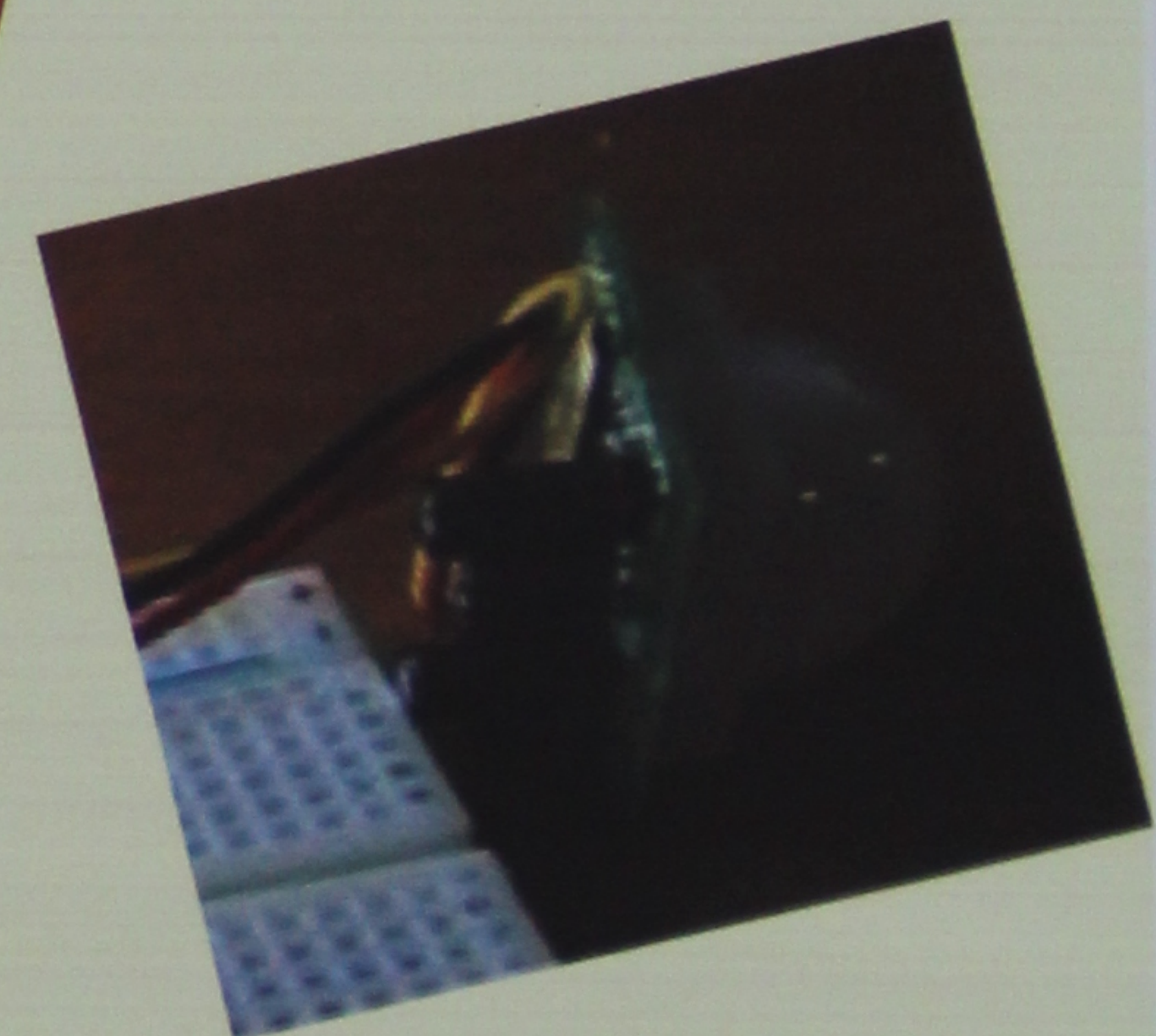
## PROBLEMS STATEMENT

- ❖ Nowadays, there are lots of cases on children being left in the car and being abandoned for quite sometime that the child die of overheating.

Arduino  
board



PIR sensor

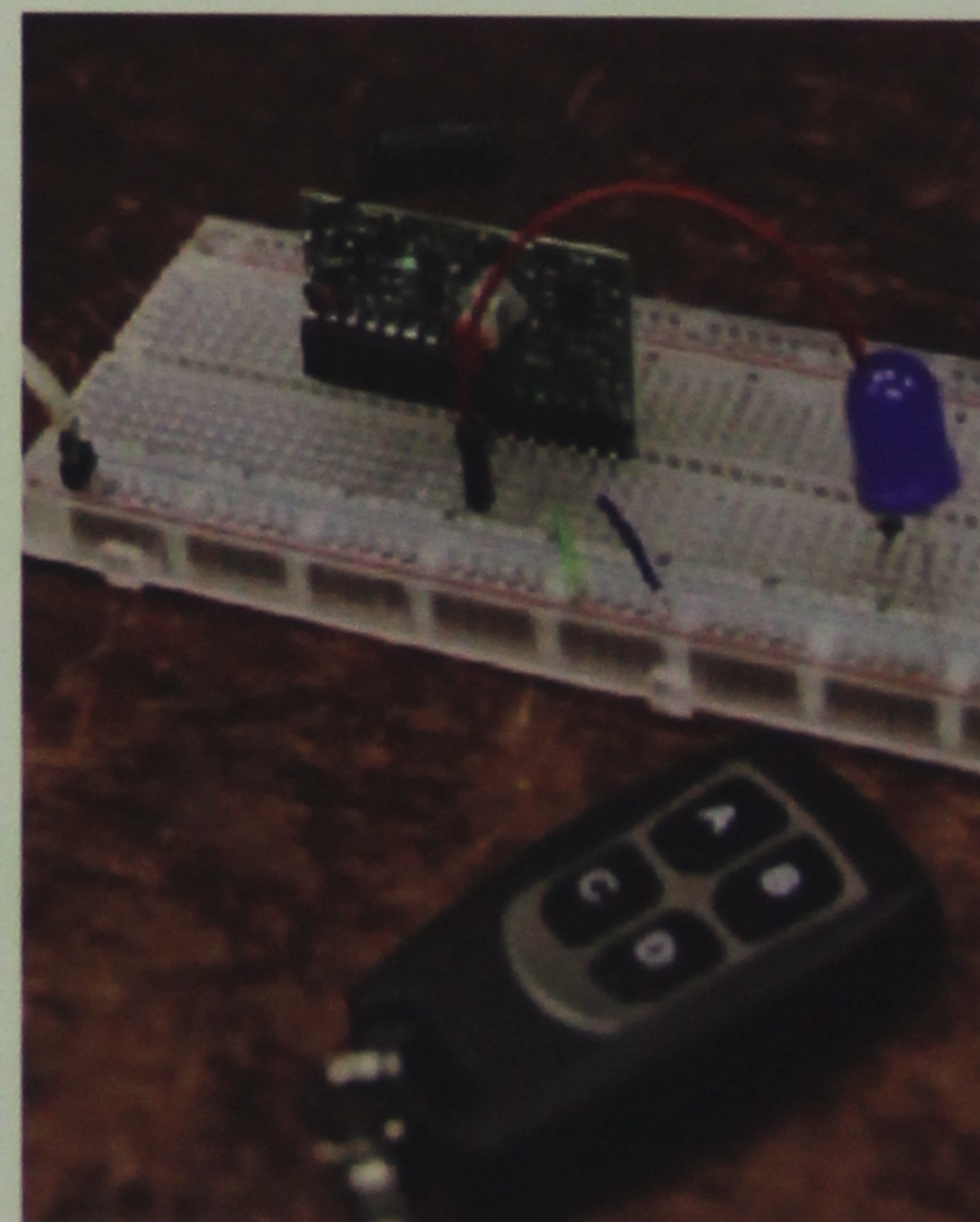


## PRODUCT ADVANTAGES

- ❖ Reduce the rate of children dying in the car.
- ❖ Easy to install in the car key.
- ❖ Affordable and portable.

## NOVELTIES

- ❖ The system is available in the market, but mostly use the heat sensor and piezo sensor.
- ❖ Since Malaysia has tropical climate, the sensors become less effective. Hence, the sensors are replaced with PIR (pressure and motion) sensor.



RF Wireless  
Transmitter  
and Receiver