

# VEHICLE ACCIDENT EMERGENCY ALERT SYSTEM

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# TEAM NAME: REBOOT\_REBELS



## TEAM MEMBERS:

**ANDRIYA ANTO EMMATTY**

**GOPIKA U**

**JINCY SUSAN JOHN**

**KAVYASREE A NAIR**

# PROBLEM TO BE SOLVED

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Many accident victims pass away because they do not receive timely medical aid. This is often due to a delay in reaching the hospital, which can happen for various reasons such as people not informing the authorities. A system that automatically alerts hospitals and other emergency services in the event of an accident could help to reduce this delay and improve the chances of survival for victims.



# SOLUTION

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WE HAVE DESIGNED A STANDALONE EMBEDDED SYSTEM USING PIC16F72 (MICROCHIP MICROCONTROLLER) WITH PERSON INPUTS SUCH AS :-

- EMERGENCY PUSH BUTTON
- VOICE ASSISTANT SYSTEM

AND OTHER VEHICLE ALERT INPUTS SUCH AS:-

- FIRE SENSING
- GLASS BREAKING
- VIBRATION MONITORING
- ACTIVATION OF AIRBAGS

THE SYSTEM USES GSM MODULE TO TRANSMIT EMERGENCY ALERT TO THE AUTHORITIES.

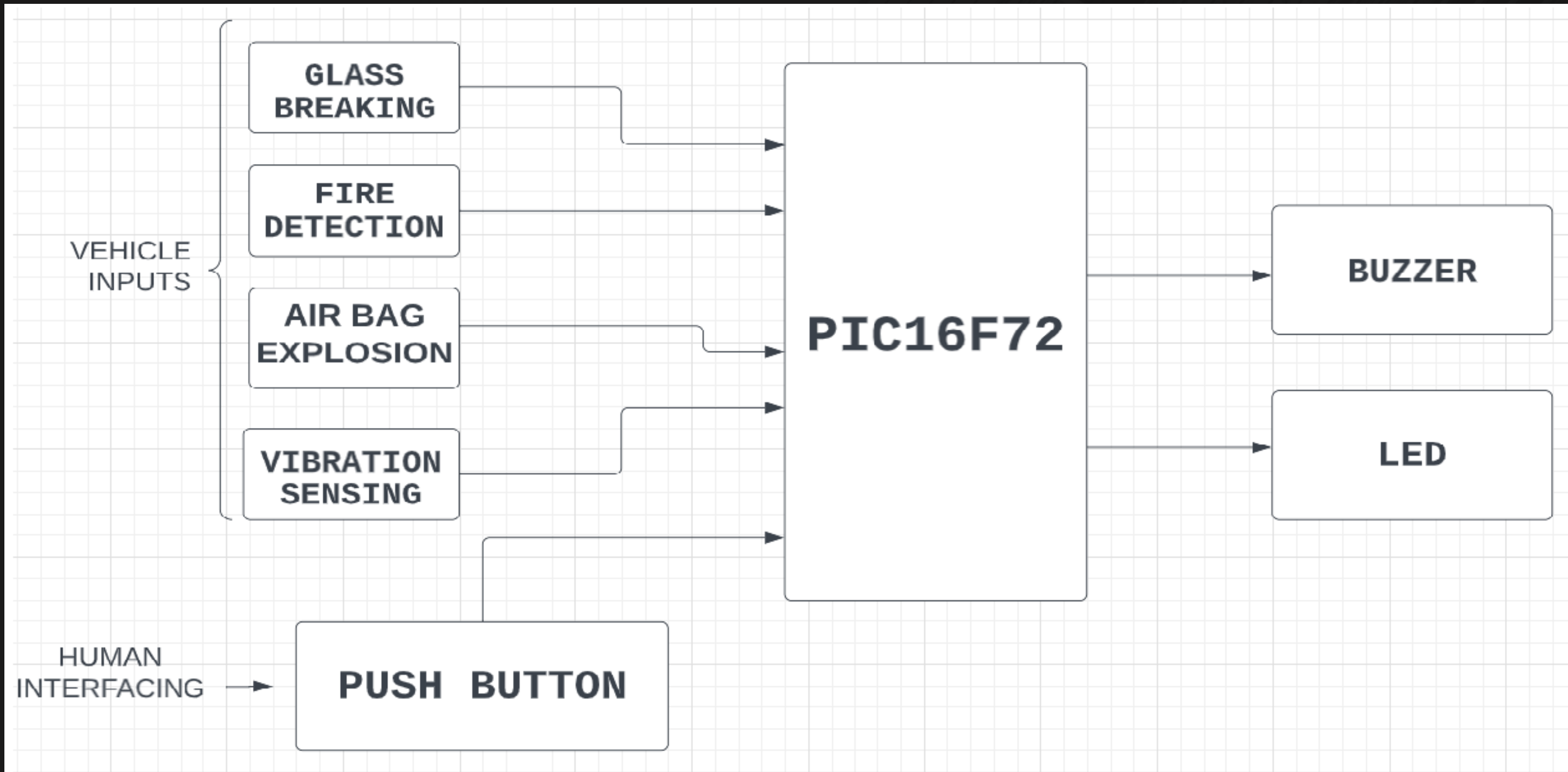
## ADVANTAGES

- Quick response
- Enhanced safety
- Reliability

## DISADVANTAGES

- False alarms

# BLOCK DIAGRAM







# THANK YOU

