

# PROPOSED SOLUTION

We design and develop an propose system which include some safety factors. A safety has been a major issue in today's day to day life. LPG and CNG petroleum gas and compressed natural gas are most commonly used in residential and commercial place for cooking purpose and in various vehicles as a replacement for costly fuels like diesel, petrol . These gases are filled in cylinders which are easily un-damageable. But leakage can takeplace through pipe , regulators or knobs which may cause accidents like suffocation, uneasiness or sometimes may catch fire and short circuit as well. The main aim of this project is to develop a system that can detect gas leakage. On detection it will send an alert loud beep alarm sound and it is generated intermittently to alert the neighbouring people and the gas supply knob of the cylinder will be switched off automatically.