

## Scope of the solution:

This Fire safety system will use sensors to detect heat and smoke. A microcontroller is used to read values from sensors. If it detects it will turn on the buzzer, blink emergency lights, and open the exit door using a motor. It will help workers evacuate safely and quickly. It will also send a notification message using a GSM module to alert the management.

This solution is a low cost and useful for real time fire detection in industries and factories.