

LITERATURE SURVEY

A literature review surveys books, scholarly articles, and any other sources relevant to a particular issue, area of research, or theory, and by so doing, provides a description, summary, and critical evaluation of these works in relation to the research problem being investigated.

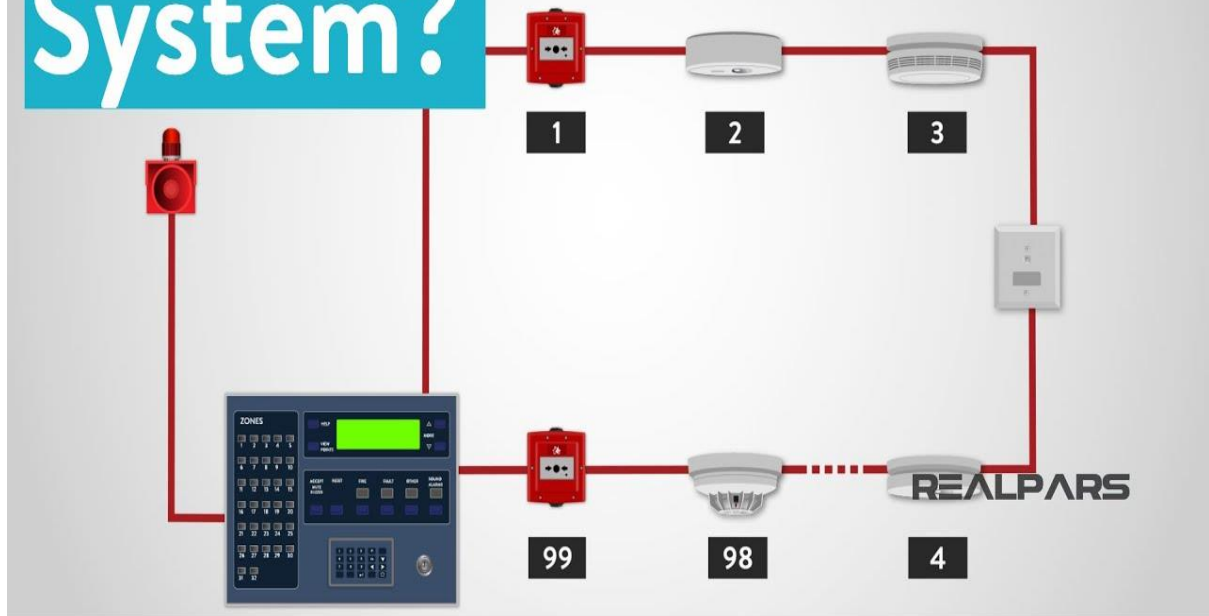
PROBLEM IDENTIFICATION

This project **Industry-Specific Intelligent Fire Management System** is intended to provide information about the fire zones in a particular region by alerting through continuous monitoring of the location. Key benefits of the application are monitoring people's activity and alerting them of their safety movements.

PROBLEM SOLUTION

- The smart fire management system includes a Gas sensor, Flame sensor and temperature sensors to detect any changes in the environment.
- Based on the temperature readings and if any Gases are present the exhaust fans are powered ON.
- If any flame is detected the sprinklers will be switched on automatically.
- Emergency alerts are notified to the authorities and Fire station.

What is a Fire Alarm System?



REFERENCES

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6679255/>

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