

IOT Gas Monitoring with Alarm

Abstract:

- The system consists of gas sensors strategically placed in key areas within a building, continuously measuring gas concentrations in real-time.
- These sensors are connected to a centralized IoT platform via wireless communication protocols such as Wi-Fi or Bluetooth Low Energy (BLE).
- The IoT Gas Monitoring with Alarm project proposes an advanced solution to monitor indoor air quality and enhance safety in residential and commercial settings.
- This project focuses on developing a smart gas monitoring system that leverages IoT technology to detect and alert users about the presence of hazardous gases such as carbon monoxide (CO) and natural gas (methane).
- The project aims to improve indoor air quality monitoring and enhance safety standards by providing a reliable and responsive IoT-based gas detection system.

