# Gas Leakage Monitoring and Alerting  System

| Team ID | PNT2022TMID16099 |
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| Project Name | Gas Leakage monitoring & Alerting system for Industries |

## Functional Requirements

| Business Requirements | User Requirements | Product Requirements |
|---|---|---|
| The mentioned technology is usable in residences, hotels, industrial settings, LPG cylinder storage places, etc. The ability to detect leakage and transmit the information to a location is the primary benefit of this IoT and Arduino-based application. It is observable, and precautions can be taken to avert any catastrophe. | The gas leakage detectionsystem can be upgraded with smoke and fire detectors to detect the presence of smoke and fire in addition as being optimized for detecting dangerous gases. Although ensuring worker safety is critical, adopting the appropriate technology is even more crucial. | Regardless of your professional position or personal goals, gas detection is essential. Such IoT devices are what they are due to certain technologies in use, therefore understanding these technologies and the functions they can serve is necessary if you want to engage in IoT application development. |