**Gas** **Leakage** **Monitoring** **and** **Alerting**

**System for Industries**

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| ***Project Title*** | Gas Leakage Monitoring and Altering System For Industries |
| ***Team ID*** | PNT2022TMID38324 |
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| ***Prepared Date*** | 22 October 2022 |

**Functional** **Requirements**

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| ***Business******Requirements*** | ***User******Requirements*** | ***Product******Requirements*** |
| The aforementioned system may be used in residences, hotels, industrial settings, LPG cylinder storage spaces, and other locations. This IOT and Arduino-based application's primary benefit is that it can Find the leakage, then deliver the data to the destination. It might be both vigilant and preventive  Any calamity can be avoided  with the right steps. | The gas leakage detection system 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. | Whatever your professional position or personal goal, gas  detection is a need. Such IOT devices are what they are due to the technologies in use , therefore understanding these technologies and the  functions they can serve is  necessary if you wish to  engage in IOT application  development. |