**Project Design Phase-I**

**Solution Architecture**

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMID21384 |
| Project Name | Gas Leakage monitoring & Alerting system for Industries |
| Project TEAM members | 19D114 – ARIKARASHRI. K  19D127 – NITHISH KUMAR. M  19D129 – RANJITH KUMAR. P  19D130 – RUTHRAM. M  19D135 – UDHAYAKUMAR. U |

**Solution Architecture:**

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

* Detects the gas level in the atmosphere continuously,
* If normal in gas level, green indication, one any high gas level then follows,
* To construct a device that protects the people by avoiding explosions due to gas leakage.
* The device must be cost effective and user friendly.
* That alert the peoples when there is a gas leak (LPG/PNG)

**Solution Architecture Diagram:**

