

Gas Leakage Monitoring and Alerting System

Customer Journey

Date	15 October 2022
Team ID	PNT2022TMID33614
Project Name	Gas leakage monitoring and alerting system for industries
Team Lead	Sowmya L R
Team Members	Vishnupriya P Samyuktha E Vasuki G

	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
Objectives	Write a goal or activity	Gas leakage detection systems protect personnel and the environment from potentially hazardous exposure to gases	The system comprises of sensors for detecting gas leak interfaced to microcontroller that will give an alert to user whenever there is a gas leakage, display warning information by using Liquid	Gas Leak Detection is the process of identifying potentially hazardous gas leaks by sensors. These sensors usually employ an audible alarm to alert people when a dangerous gas has been detected	An alarm management system represents the series of actions a system performs in an event of gas leakage
Needs	Write a need you want to meet	Fire hazard prevention	Harmful gas detection	Oxygen level measurement	Prompt gas leak alerts
Feelings	Write an emotion you expect the customer to have	Happy about this solution	Embrassed on the solution and promoted the good words towards this project	Happy	Encouraging towards this project and giving good feedbacks
Barriers	Write a potential challenge to your objective	Higher officials	Commercial companies	The gases are toxic in nature, resulting in human unconsciousness and even death if consumed in larger quantities	Moreover, gaseous blasts are another disaster that everyone - working in a factory or at home - would want to avoid at all costs!