

PROJECT DESGN PHASE – II

(CUSTOMER JOURNEY)

Date	16 October 2022
Team ID	PNT2022TMID21717
Project Name	Gas Leakage Monitoring and Alerting System

CUSTOMER JOURNEY MAP:

	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5
OBJECTIVES	Goal or Activity	Systems for detecting gas leaks shield people and the environment from potentially dangerous gas exposure.	The system consists of sensors for gas leak detection that connect to a microcontroller that will notify the user if there is a leak and display warning information using liquid crystal displays.	The technique of locating potentially dangerous gas leaks using sensors is known as gas leak detection in gas leak detection systems. When a harmful chemical is present, these sensors often use an audible warning to warn people.	The series of operations a system carries out in the case of a gas leak is represented by an alert management system.
NEEDS	Need that you want to meet	Prevention from fire	Harmful gas detection	Measurement of oxygen level	Prompt gas leaks alerts
FEELINGS	Customers bond with the product	Solution is very preferable	Positive solution and promote a good work towards the project	Happy	Encourage us to do this project and give us a proper feedback
BARRIERS	Potential Challenge to my objective	Higher officials	Commercial Companies	Gases are toxic which may cause human unconscious, loss of memory, and even death	However, gaseous blaster is another big disaster – people working in factory or home.