

## Project Design Phase 2

### Customer Journey

Date	10 <sup>th</sup> November 2022
Team ID	PNT2022TMID03078
Project Name	Gas leakage monitoring and alerting system
Maximum Marks	4 Marks

#### CUSTOMER JOURNEY MAP:

	Customer Journey Map			
	Stage 1	Stage 2	Stage 3	State 4
Objective	Employees and the surrounding environment are shielded from potentially hazardous gas exposure by gas leakage detection systems.	The system has sensors for detecting gas leaks that are connected to a microcontroller. The microcontroller will notify the user whenever there is a gas leak and use liquid to display warning information	The process of using sensors to locate potentially hazardous gas leaks is known as gas leak detection. When a hazardous gas is detected, these sensors typically emit an audible alarm.	An alarm management system represents the series of actions a system performs in an event of gas leakage.
Needs	Fire safety measures	Harmful gas detection	Oxygen level measurement	Prompt gas leak alerts
Fellings	Good words towards this project	Happy	Happy about this solution	Happy
Outputs	Higher officials	Commercial companies	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!