# IBM
# NALAIYA THIRAN

**Project Topic** **: Gas Leakage Monitoring and Alerting System**
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# Customer Journey Map

| | 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 System 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 wordes towords this project | Happy | Encouraging towords this project and giving good feedbacks |
| **BARRIERS** | Write a potential challenge to your objective | Higher Officials | commercial companies | The gasses 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! |