

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID01159
Project Name	Project – Hazardous area monitoring for industrial plant powered by IoT.
Maximum Marks	2 Marks

Customer Problem Statement:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Workers around industries.	Work in radiation-free, non-harmful environment.	Frequent exposure to radiations are likely to cause our skin prone to allergic reactions, also create prominent health problems that includes acute and chronic diseases.	We are surrounded by various types of industries that directly or unintentionally burn electronic equipments made of chips and other raw materials in an uncontrolled manner. Lack of monitoring and controlling systems for such industries.	Able to notice obvious decline in lifespan of humans.
PS-2	Residents, Workers of office, industries.	Hassle-free and pure ambience in residential areas.	Constantly exposed to smog, fog and frequent fluctuations in temperature due to uncontrolled increase in the number of residents in the immediate vicinity of industrial plants. Causing asthma and other respiratory related disorders.	Climate change caused due to unmonitored and improper maintenance of redundant gas release from manufacturing industries and rupture of delicate gas containers & harmful emissions rising temperature of living areas.	Unable to breathe pure air and find difficult to survive in polluted environment. Striving for survival.