

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TM1045391
Project Name	Project-Industry-specific intelligent fire management system
Maximum Marks	2 Marks

Customer Problem Statement Template:

I am	I'm trying to	But	Because	Which makes me feel
A customer	Ensure the fire safety in my industry	I want to handle it easily	The fire explosion should be automatically detected without ant human monitoring	That my industry and my workers are safe

I am	I'm trying to	But	Because	Which makes me feel
An Industrialist	work in an chemical industry	It is not safe due to harmful effect	Fire and gas leak safety measures	To reduce the explosion

I am	I'm trying to	But	Because	Which makes me feel
A Worker	To find the fire detection place/location	Some difficult in find location	The temperature will increase sometime	while using the GPS to find the locations

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
Identify the chemical Explosion and fire in industry	A customer	Ensure the fire safety in my industry	I want to handle it easily	The fire explosion should be automatically detected without ant human monitoring	That my industry and my workers are safe
I can avoid the fire explosion in my industry and keep all my products safe from the fire spread	An industrialist	Work in chemical industry	It is not safe due to harmful effect	Fire and gas Leak safety Measure	To reduce the explosion
Fire detection Using Arduino uno and flame,gas, temperature sensors	A worker	To find the fire detection place/location	Some difficult in find location	The temperature Will increase Sometimes	While using GPS to find the locations