

Ideation Phase

Define the Problem Statements

Date	19-09-2022
Team ID	PNT2022TMID16087
Project Name	INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM
Maximum Marks	2 Marks

PROBLEM STATEMENT:

Recently, it has sometimes been impossible for fire-fighting personnel to access the site of a fire, even as the fire causes tremendous property damage and loss of human life, due to high temperatures or the presence of explosive materials. In such environments, firefighting robots can be useful for extinguishing a fire. Thus fire-fighting robots are operated where firefighters cannot work. Besides that, firefighting robots can be used for protecting firefighters from extreme danger in the petrochemical chemical dangerous product, and toxicity or exploder fire accidents. Therefore, it also can reduce the human injury from a fire burning

I am	A consumer	I need a quality and innovative fire management system
I am trying to	Ensure fire safety in my industry	I can avoid the fire explosion in my Industry and keep all my products safe from the fire spread
But	I want to handle it easily	By doing fire safety in the form of automation using the recent easy technologies
Because	The fire explosion should be automatically detected without any human monitoring	The fire explosion at the ignition stage can be detected and controlled

Which makes me feel	That my Industry and my workers are safe	It saves the industry and the lives of the workers
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