

Project Design Phase-I
Proposed Solution

Date	14 October 2022
Team ID	PNT2022TMID26470
Project Name	Hazardous Area Monitoring for Industrial plants powered by IOT
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Uncontrolled fires in manufacturing areas.
2.	Idea / Solution description	Installation of smoke detecting devices, gas sensors, temperature sensors and sprinklers to extinguish fire.
3.	Novelty / Uniqueness	It is an IOT based alarming device which gives alerts through an application which can be accessed through smart watches and mobile phones.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• This will prevent fatal accidents.• It is portable and handy.
5.	Business Model (Revenue Model)	Design can be obtained by paying for the IBM Cloud /Watson subscription.
6.	Scalability of the Solution	The situation can be directly alarmed to the nearby fire stations to avoid mishaps.