



## Ideation Phase

### Define the Problem Statement

#### Problem statement :

Smart buildings/cities are among the most innovative solutions for engineers to ensure social and environmental responsibility and provide safe and secure environments for occupants.

Emerging technology when aligned together to complement each other that can deliver the promise of enhanced Fire safety and enabling the promise of smart buildings and cities that are safer.

Question	Description
Who does the problem affect?	Industries in manufacturing sectors are affected due to the fire
What are the boundaries of the problem?	Geographic and confined spaces.
What is issue?	Unexpected accidental fire in industries which could cause life and property damage .
When does the issue occur?	Negligence and Breaking the standard governmental norms.
Where is the issue occurring?	Large scale heavy manufacturing industries are affected during the fire accident.
Why is it important that we fix the problem?	To create a safe working conditions to Reduce the property losses.