IDEATION

Dive into the mind of the user for focused product development

S.NO	NAME	POSITION	COLLEGE NAME
1	DHINESH KUMAR K	TEAM LEADER	PSV COLLEGE OF ENGINEERING AND TECHNOLOGY
2	MOHAN R	TEAM MEMBER 1	PSV COLLEGE OF ENGINEERING AND TECHNOLOGY
3	UDHAYA KUMAR K	TEAM MEMBER 2	PSV COLLEGE OF ENGINEERING AND TECHNOLOGY
4	NIKESH S	TEAM MEMBER 3	PSV COLLEGE OF ENGINEERING AND TECHNOLOGY

Empathy Map

Smart Fire Management System in Industries

To design and implement gas leakage and temeperature detections.

Says

Thinks

Does

Feels

Loss of equipments

Investment loss

Health issues

Share your feedback

"Based on Temeperature and gas sensor if any gases are present the exhaust fans switched ON"

"Alerts are send to the management and fire stations."

Prevent major accidents

Protection of employees

Helpful

NEED STATEMENT

Fire Management — needs a way to — Prevents major human accidents and machinery losses — so that — It Protects the employees health and machineries from major and minor causes

Smart Fire Management System provides many ways to protect the employees health and to prevent the valuable machineries from the causes or accidents.

Unidentified

RFID TAGS

GAS SENSOR ✓

TEMPERATURE SENSOR ♥

IOT BASED NOTIFICATIONS ✓

IOT BASED SPRINKLER ON

IOT BASED EXHAUST FAN ON ♥ ✓

FLAME SENSOR

SURVEILLANCE CAMERA ♥

CLOUD DB TO STORE DATA

BUZZER FOR ALARM

Idea Prioritization

IMPORTANCE (High / Low)

FEASIBILITY (Low / High)

SURVEILLANCE CAMERA

GAS SENSOR

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