

Project Design Phase-I

Date	25-10-2022
Team ID	PNT2022TMID09975
Project Name	Industry Specific Intelligent Fire Management System

Define CS, fit into CL	1. CUSTOMER SEGMENT(S) CS <i>Who is your customer?</i> <i>eg. working parents of 0-5 yo. kids</i> Industries	6. CUSTOMER LIMITATIONS CL <small>EG. BUDGET, DEVICES</small> <ul style="list-style-type: none">ExpenseCarelessnessTedious process.	5. AVAILABLE SOLUTIONS AS <small>PLUSES & MINUSES</small> <i>What the,</i> <ul style="list-style-type: none">Usage of water and sand by workersUsing fire extinguishers and calling fire enginePros-Controls spread of fireCons-Delayed process	Explore AS, differentiate
	2. PROBLEMS / PAINS + ITS FREQUENCY PR <ul style="list-style-type: none">Prevents fireFast fire alertsProtects industry machines from damageSaves lives	9. PROBLEM ROOT / CAUSE RC <ul style="list-style-type: none">Carelessness of workersDelayed response from fire stationsTo avoid fire accidents and deaths	7. BEHAVIOR + ITS INTENSITY BE <ul style="list-style-type: none">Direct: If any malfunction occurs the customers can report to the concerned department.Indirect: citizens can volunteer.	
Focus on PR, tap into BE, understand RC	3. TRIGGERS TO ACT TR <ul style="list-style-type: none">It costs human livesSeeing other industries installing the systemTo prevent machines from getting damaged	10. YOUR SOLUTION SL The proposed system detects gases and flames, automatically turns on sprinklers and exhaust fans, and notifies the authorities and fire station using IOT.	8. CHANNELS of BEHAVIOR CH Create awareness through social media and share their views on issues and queries can be resolved through the respective platform Create awareness through campaign, broadcasting and organising programs by visiting the industries.	Extract online & offline CH of BE
	4. EMOTIONS EM <small>BEFORE / AFTER</small> Before: insecure, fear After: happy, pleasant, satisfied and stressfree, confident			
Identify strong TR & EM				

SUBMITTED BY :

- ❖ HASAN HARUN . P (19104069)
- ❖ KALI RAJAN . M (19104075)
- ❖ HIRUTHIK . P (19104071)
- ❖ KARUPPASAMY. M (19104080)