

Project Design Phase-I

Problem Solution Fit

Date	08/10/ 2022
Team ID	PNT2022TMID27908
Project Name	Industry-specific intelligent fire management system

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