

Project Design Phase-I

Problem Solution Fit

Date	01 October 2022
Team ID	PNT2022TMID32634
Project Name	Industry -Specific Intelligent Fire Management System

Define CS, fit into CL	1. CUSTOMER SEGMENT(S) CS <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> Owner who is not aware of fire </div>	6. CUSTOMER LIMITATIONS <small>EG. BUDGET, DEVICES</small> CL <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> 1) High adoptatiion cost. 2)Not aware of fire management system using IOT. </div>	5. AVAILABLE SOLUTIONS <small>PLUSES & MINUSES</small> AS <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> Monitor temperature and humidity to predict of their exists fire or not </div>	Explore AS, differentiate
	2. PROBLEMS / PAINS <small>+ ITS FREQUENCY</small> PR <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> <ul style="list-style-type: none"> It's difficult to monitor and control Ain't known if the application work's properly. </div>	9. PROBLEM ROOT / CAUSE RC <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> 1)If temperature ,humidity & other parameters makes the fire to ignite. 2)Not aware of the combustible substance located in that place. </div>	7. BEHAVIOR <small>+ ITS INTENSITY</small> BE <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> Direct related: Tries to find a solution to prevent this problem Indirect related: Located in rural where internet connectivity might not be strong enough to facilitate fast transmission speeds. </div>	
Identify strong TR & EM	3. TRIGGERS TO ACT TR <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> Save people from dangers caused by fire. </div>	10. YOUR SOLUTION SL <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> <i>"IoT based Industry-Specific Intelligent Fire Management System " !!</i> It helps the person to have comfortable time without worrying about the fire. </div>	8. CHANNELS of BEHAVIOR CH <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> ONLINE: The Data send through application for the person to know about the fire ignition. OFFLINE: The control action is taken by the person by removing any easily combustible substances in their home </div>	Extract online & offline CH of BE
	4. EMOTIONS <small>BEFORE / AFTER</small> EM <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> BEFORE: Insecure about the fire management. AFTER: It will make them feel secure and </div>			

