

## Project Design Phase-3

### Problem – Solution Fit Template

Date	19 september 2022
Team ID	PNT2022TMID26584
Project Name	Industry-Specific Intelligent Fire Management System
Maximum Marks	2 Marks

#### Problem – Solution Fit Template:

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

#### Purpose:

- ☐ An addressable fire alarm system works by having every detection and notification device connected to each other and to the addressable fire alarm control panel
- ☐ If in any area fire detected the admins will be notified along with the location.
- ☐ In the web application, admins can view the sensor parameters.

#### Template:

<b>1. CUSTOMER SEGMENT(S)</b> <span>CS</span> <ul style="list-style-type: none"><li>Industrialists</li><li>Engineers</li><li>Safety Control Personals</li></ul>		<b>6. CUSTOMER CONSTRAINTS</b> <span>CC</span> <ul style="list-style-type: none"><li>Network Connection</li><li>Complexity in Installation</li></ul>		<b>5. AVAILABLE SOLUTIONS</b> <span>AS</span> <ul style="list-style-type: none"><li>Upgrading to a premium network plan.</li><li>Availing network connection from a reliable Service provider.</li></ul>	
<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> <span>J&amp;P</span> <ul style="list-style-type: none"><li>Capability of the device to withstand in harsh environment is questionable.</li><li>Due to network issue data couldn't be uploaded to the cloud at all times.</li></ul>		<b>9. PROBLEM ROOT CAUSE</b> <span>PR</span> <ul style="list-style-type: none"><li>Quality of the material using which the device is made up of plays a vital role in the capability of the device to work in harsh environment.</li><li>Location of the device installation and the network plan used by the user are the cause of Network issue.</li></ul>		<b>7. BEHAVIOUR</b> <span>BE</span> <ul style="list-style-type: none"><li>Harsh environment is prevailing only on certain industry; thus, the frequency of the said problem is low. In such a case the customer complains multiple times to get the attention.</li><li>Network issue is very common as most of the industries are located at the country side. Here the contact both the developers and the service providers</li></ul>	
<b>3. TRIGGERS</b> <span>TR</span> <ul style="list-style-type: none"><li>Usage of the device is portrayed in the news.</li><li>In real life situation, the device has helped in saving number of individuals.</li></ul>		<b>10. YOUR SOLUTION</b> <span>S</span> <ul style="list-style-type: none"><li>Network strength must be boosted in the device</li><li>Device can be manufactured in multiple standards based on the environment.</li></ul>		<b>8. CHANNELS OF BEHAVIOUR</b> <span>CH</span> <b>8.1 ONLINE</b> <ul style="list-style-type: none"><li>E-Mail to developers</li><li>Online Community</li></ul> <b>8.2 OFFLINE</b> <ul style="list-style-type: none"><li>Complaint Letters</li></ul>	
<b>4. EMOTIONS: BEFORE/AFTER</b> <span>EM</span> <ul style="list-style-type: none"><li>Before the action is taken, the user feels deceived and cheated.</li><li>After the problem is resolved, user feels the sincerity of the developers.</li></ul>					

Explore AS, differentiate

Focus on J&P, up the BE, solve the PR

