Project Title:

Hazardous Area Monitoring for Industrial Plant powered by IoT

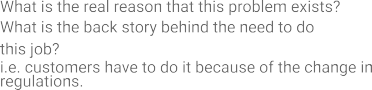
**Project Design Phase-I** - **Solution Fit Template Team ID:** PNT2022TMID15027

**3. TRIGGERS TR 10. YOUR SOLUTION SL 8. CHANNELS of BEHAVIOUR CH**

What triggers customers to act? i.e. seeing their neighbour installingsolar If you are working on an existing business, write down your current solution ﬁrst,ﬁll in **ONLINE**

panels, reading about a more efﬁcient solution in the news. the canvas, and check how much it ﬁts reality. What kind of actions do customers take online? Extract online channels from #7

If you are working on a new business proposition, then keep it blank until you ﬁll inthe



Available Solution – Fire Alarms

Job Done - It alerts employees through buzzer after fire impact

Pros resources Cons

- Reduces damage of

- Causes Delay

Industries

Spending Power Internet Communication

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | To avoid explosions - incase of high temperature fluctuations  To avoid health issues –incase of leakage of poisonous gases | If any explosions or poisonous gasses released in hazardous areas leads to loss of many human life and property. Here this device will help to reduce the dangerous explosions in industries and saves many human life  by alerting them. | By installing better temperature sensors, Gas Sensors, Humidity Sensors it compares readings with threshold values and helps in reducing time delay. |  |
|  | It is used to detect hazardous areas in industries | canvas and come up with a solution that ﬁts within customer limitations, solves a problem and matches customer behaviour.  \*instead of using normal alerting systems this device will alert the people before impact  \*based on changes in hazardous values the device will work  \*if temperature increases beyond threshold values then it will alert before impact this real time may helps to save the human lives  \*similarly if any poisonous gasses releases then here our device will detect and alert the people in the area to save human lives | **OFFLINE**  What kind of actions do customers take ofﬂine? Extract ofﬂine channels from #7and use them for customer development.  Online : the customer need to track the device to check the hazardous areas.  Offline: need to take help of fire services |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?  i.e. lost, insecure > conﬁdent, in control - use it in your communication strategy & design.  Threatened > Secured |