Project Title: Industry specific intelligent fire management System.

Project Design Phase-I - Solution Fit Template

Team Id: PNT2022TMID29660

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| **Deﬁne CS, ﬁt into CC** | **1. CUSTOMER SEGMENT(S) CS** The customer for this product is a wooden industry owner who sell furniture parts  This product saves wood from some unwanted ﬁre accident. | | **6. CUSTOMER CONSTRAINTS CC**  If we use large no. of sensors is difficult, it may cause high amount . An unlimited or a continuous internet connection is required for success. | | **5. AVAILABLE SOLUTIONS**  Scalable data and situation were collected and processed  to automatically by using IOT . | **AS** | **Explore AS, differentiate** |
| **Focus on J&P, tap into BE, understand RC** | **2. JOBS-TO-BE-DONE / PROBLEMS J&P** | | **9. PROBLEM ROOT CAUSE** In holiday, many company do not monitor the system so it may cause fire accident so we must overcome from this problem | **RC** | **7. BEHAVIOUR**  Use proper IOT technology to overcome from fire accident | **BE** | **Focus on J&P, tap into BE, understand RC** |
| The purpose of this product is to | |
| use sensors to acquire various room | |
| parameters & process them using a | |
| central processing system. | |
| The cloud is used to store and | |
| transmit data using IOT any time the | |
| electrical ﬁre are happened they can | |
| make decisions through mobile | |
| application. | |
| **Identify strong TR & EM** | 1. **TRIGGERS**   In company, electrical short circuit are happened.so lot of loss are occured and many wooden furniture are burn in ﬁre.   1. **EMOTIONS: BEFORE / AFTER** Before: increase pressure-> random decision->high loss   After : data from reliable source -> correct decision -> low loss | **TR**  **EM** | **10. YOUR SOLUTION**  Our product collects data from various types of sensors & sends the values to our main server.so we can easily monitor the company &  Protect our wooden furniture to ﬁre.the ﬁnal decision is protect the wooden furniture from the ﬁre using a mobile application | **SL** | **8. CHANNELS of BEHAVIOUR 1.ONLINE**  To monitor our company in where as in the world.also improve knowledge about the factors of ﬁre.  **2. OFFLINE**  Awareness camps to be organized to teach the importance & advantages of the automation & iot in the development of ﬁre management system. | **CH** | **Extract online & ofﬂine CH of BE** |