**Project Title:IOT based safety gadget for child safety monitoring and notification**

**Team ID:** PNT2022TMID14810

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| **Define CS, fit into CC** | **1. CUSTOMER SEGMENT(S)** CS<br><br>Guardians and Parent | **6. CUSTOMER CONSTRAINTS** CC<br><br>Easy to use , handy gadget and low cost | **5. AVAILABLE SOLUTIONS** AS<br><br>SOS & Geofence | **Explore AS, differentiate** |
| **Focus on J&P, tap into BE, understand RC** | **2. JOBS-TO-BE-DONE / PROBLEMS** J&P<br><br>To alert parents through the notification from the Application.<br><br>To manage network connectivity and security. | **9. PROBLEM ROOT CAUSE** RC<br><br>Increasing in crime<br><br>Work pressure for parents | **7. BEHAVIOUR** BE<br><br>Tracking the children with respective GPS which will be tracked through the gadget and informations will be sent to the parents. | **Focus on J&P, tap into BE, understand RC** |

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| **Identify strong TR & EM** | **3. TRIGGERS** TR<br>● News<br>● Crimes<br>● Fear of leaving their child alone | **10. YOUR SOLUTION** SL<br>● Using various sensors to check the health of the children and track their movement using GPS.<br>● The data is transferred from sensors to the Wi-Fi module and it is stored in a software known as Thing speak .<br>● If there is any emergency it sends an alert to their parents. | **8.CHANNELS of BEHAVIOUR** CH<br>**8.1 ONLINE**<br>● Thingspeak software<br>● GPS module for location tracking<br>**8.2 OFFLINE**<br>● Sensors<br>● Microcontrollers | **Identify strong TR & EM** |

## 4. EMOTIONS: BEFORE / AFTER `EM`

- Parents feel insecure when they cannot look after their children during their work hours.
- When they have a product like a smart gadget it makes them feel relieved from this stress as they can monitor their children all time.