**Project Title:**  IOT based safety gadget for child safety monitoring and notification **Project Design Phase-I** - Solution Fit Template **Team ID:** PNT2022TMID06083

**AS**

**5. AVAILABLE SOLUTIONS**

GPS is installed on gadget to track its current location can be tracked on android app and via SMS request sent from parent from parent phone to safety gadget.

The system is dependent on communication signal/network signal for the smart gadget to trigger automatic phone call/SMS during panic situation.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

Parents and Children’s

**Explore AS, differentiate**

**Define CS, fit into CC**

**BE**

**7. BEHAVIOUR**

Distance between safety gadget and binding gadget increases the signal strength decreases.

**RC**

**9. PROBLEM ROOT CAUSE**

This system is unable to sense human behavior of child.

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

This device battery gives short life time.

**Focus on J&P, tap into BE, understand RC**

**Focus on J&P, tap into BE, understand RC**

**Identify strong TR & EM**



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| --- | --- | --- | --- | --- |
| **Identify strong TR & EM** | **3. TRIGGERS TR**  The system is equipped with GSM and GPS modules for sending and receiving call, SMS between safety gadget and parental phone. | **10. YOUR SOLUTION SL**  When improve my project | 1. CHANNELS of BEHAVIOUR CH   Better security so that live footage can be seen on parental phone during panic situation. |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  To implement the IOT device when ensures the complete solution for child safety problems. |