## Project Design Phase-I - Solution Fit Template

# Project Title: IOT Based smart gadgets for Child's safety monitoring and Notification

Team ID: PNT2022TMID12738

# Define CS, fit i

### 1. CUSTOMER SEGMENT(S)



Working parents who are concerned with taking care of their 0-10 years of old kids.

### **6. CUSTOMER CONSTRAINTS**

00

Spending budget, , network connection, available devices and to trust a new device .

#### 5. AVAILABLE SOLUTIONS

10

Explore AS, differentiate

Sensors which are made into a wearable product make the parents feel safe about their children. Parents will receive an alert message when there is something strange about their activity or body condition like heart beat etc.

ocus on J

Jō

# J&P

RC

#### 7. BEHAVIOUR

BE

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

- Taking care of the children when their parents are not around them.
- Monitoring whether the children are safe and not being kidnapped.

9. PROBLEM ROOT CAUSE

As the parents have to work for the life they find it hard to take care of their children, which needs a effective solution ... Finding a way to protect their children by buying some wearables which alert them by real time monitoring of their children activity. Focus on J&P, tap into BE, understand RC

#### 3. TRIGGERS

The love they have on their children by making sure their children are safe. The reliability of the product gives them confidence that it will make sure their needs

#### 4. EMOTIONS: BEFORE / AFTER

- Insecurity of the product reduces the confidence in the equipment .
- What happens if the device is lost by their children, will make them concern.
- The trust they hold once it alerts at the right time to act upon.

#### 10. YOUR SOLUTION

ΕM

To take care of the children by using iot sensors and it must be reliable to work 24/7, which is useful for parents working in remote areas. It increases the safety of their children.

#### 8. CHANNELS of BEHAVIOUR

#### 8.1 **ONLINE**

To get a live location of the children in order to track them if they lost.

#### 8.2 OFFLINE

To get alert notification in real time so that they could take the necessary action as soon as possible. СН