

## Project Design Phase-I - Solution Fit

Date	15 October 2022
Team ID	PNT2022TMID42442
Project Name	Project - IoT Based Safety Gadget For Child Safety Monitoring and Notification
Maximum Marks	2 Marks

Define CS, fit into CC

### 1. CUSTOMER SEGMENT

Working parents or busy parents of 0-10 year old kids.

CS

### 6. CUSTOMER CONSTRAINTS

Lack of affordable, reliable and hassle free technology, Lack of availability of secure and easy Ui.

CC

### 5. AVAILABLE SOLUTIONS

AS

There are existing solutions that offer location tracking for kids but they are not very efficient, cost effective and reliable all at the same time. This trade off should be addressed.

Explore AS, differentiate

**2. JOBS-TO-BE-DONE / PROBLEMS****J&P**

Instantaneous tracking and updation of child's location, geofencing and notifying parents of any abnormalities.

**9. PROBLEM ROOT CAUSE****RC**

Customers have to do this to protect their children from potential threats and to ensure the safety while being far away from them.

**7. BEHAVIOUR****BE**

Customers panic, prevent their children from going out on their own, try using easily available technologies.

**3. TRIGGERS****TR**

Coming across news about children being kidnapped and abducted, missing cases being reported.

**4. EMOTIONS: BEFORE / AFTER****EM**

Before : Feel insecure, worried, scared and confused.

After : Relieved, calm, confident, happy.

**10. YOUR SOLUTION****SL**

Building a reliable technology that can address all the customer needs while being reliable and secure ensuring efficient functioning.

**8. CHANNELS of BEHAVIOUR****CH****8.1. ONLINE**

Tracking their kids location with their mobile phones GPS, reading news about child safety and other child missing cases.

**8.2. OFFLINE**

Customers accompany their children to ensure safety, send them together with other reliable people, seek for protection in public places.