Project Title: IoT Based Safety Gadget for Child Safety Monitoring & Notification
Project Design Phase-I - **Solution Fit**
Team ID: PNT2022TMID49661

1. CUSTOMER SEGMENT(S) `CS`

Our project mainly helpful to the parents and grandparents who rise the child in the environment. Some parents don't have a time to monitor the child due to their work and some of the child doesn't have parents that kind of child lived with grandparents. This project most importantly useful for them…

6. CUSTOMER CONSTRAINTS `CC`

They will have a fear after buying this device due to the problems between the connectivity issue and some physical damage Whether it be last longing that means it worth of cost.

5. AVAILABLE SOLUTIONS `AS`

There are so many Available child safety products in our market but that kind of devices employed one or two actions at a time like sound the buzzer, notify the location of child to parents (GPS & GSM) technologies.

Even though it has problem the customers facing are high price and

Inefficiencies in the working once purchased.

2. JOBS-TO-BE-DONE / PROBLEMS

We have to focus on improving the efficiency of the gadget in order to ensure the safety of the children

9. PROBLEM ROOT CAUSE `RC`

We know we all are living in a so developed society.
In this modern society the problems facing child also developed like child trafficking for money, and child abuse, in recent days child abuse is increased we saw and hear that news often in news channels.

7. BEHAVIOUR `BE`

i.e. directly related: find the right solar panel installer, calculate

The moto of our project is tending to make the gadget work in efficient way based on this it will not face any constraints of problems in future. It must work in assigned manner. The above-mentioned qualities provide satisfaction to our customers

3. TRIGGERS `TR`

Up on the parents while seeing the successful operations of the gadgets in real time environment makes others to use the same.

10. YOUR SOLUTION `SL`

Our team has highly been intending to develop an efficient solution to overcome all the flaws that the existing solutions hold back still. We are highly on demand to ensure the efficient functionalities of the developing module the way it will not fail at any time.

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE
The customer constantly monitors their child with the help of internet if any bad things happened to child the device will notify the child location to parents

8.2 OFFLINE
After Known that child location it will help to take actions to rescue the child for parents

4. EMOTIONS: BEFORE / AFTER   EM

<u>Before:</u>
The parents need to spend more time to taking care of their children and need to arrange a care taker by the way they are not able to focus on others.

<u>After:</u>
Once they ensures this gadget will safeguard their children They will focus without any stress.