

**Project Title: IoT Based Safety Gadget**  
**Safety Gadget For Child**  
**Safety Monitoring & Notification**

**Project Design Phase-I - Solution Fit Template**

**Team ID: PNT2022TMID19097**

**1. CUSTOMER SEGMENT(S)**

Parents and Caretakers who wants to monitor their child's location

**6. CUSTOMER LIMITATIONS** EG. BUDGET, DEVICES

- Have a mobile phone
- Have the sufficient money

**5. AVAILABLE SOLUTIONS** PLUS & MINUSES

They use GSM module to send notification to the parents. so, it needs a sim card which needs to be recharged regularly

**2. PROBLEMS / PAINS** + ITS FREQUENCY

People wants to monitor the location of the child every time. Parents want to know whether the child is within the location (school premises house etc)

It's very costly

**9. PROBLEM ROOT / CAUSE**

Due to the busy schedule/work for the parents they can't take care of their child

As they are children they will be playful. so, they would stay at the same place.

**7. BEHAVIOR** + ITS INTENSITY

The working parents can't concentrate on their work and also can't take care of their children.

**3. TRIGGERSTOACT** Parents wants to feel more relaxed as they can monitor their child every time It's very costly.

**4. EMOTIONS**BEFORE/AFTER People do not feel good to buy the product as it is very costly. They feel more relaxed as they monitor their child and can concentrate on their work.

#### 10. YOUR SOLUTION

Create a geo-fence around the location of the child for example around a house or school and send a notification to the parents if the child gets out of the geo-fence.

Tracking the child's location and send the location information to the parents.

#### 8. CHANNELS of BEHAVIOR

##### ONLINE

Through online the customer can lively track the location of the child

##### OFFLINE

In offline mode the customer can see the location the child has went or visited.

