## Team ID: PNT2022TMID06920

### 1. CUSTOMER SEGMENT(S)

Here the customers are the parents and the child's guardian. They shall be able to track and monitor the child regularly.

### 6. CUSTOMER CONSTRAINTS

The parents should have a smart phone with internet connectivity.

The device must be safe and secure.

# 5. AVAILABLE SOLUTIONS

Merits: The child's exact location can be tracked and notification is sent to parents via sms and e-mail.

Demerits: Needs proper network connection. Costlier to implement.

### 2. PROBLEMS

Parents need to monitor the child's activity and keep a track on their location by ensuring whether the child stays within the geo-fence created.

### 9. PROBLEM ROOT/CAUSE

The problem arises as the children are so playful that they couldn't stay in a place for long time & the tight schedule of the parents make it difficult for them to take care of the child.

# 7. BEHAVIOUR

The gadget helps in improving parentchild interaction when they are not together and helps in regularly monitoring the child's activity and ensures safety.

### 3. TRIGGERS

Usage of audio & video to ensure the safety of the child triggers the customer (parents) to use this wearable device

# 4. EMOTIONS

Before: As the parents in this generation are mostly about to go for work, they feel like they have a lack of concentration on their child. After: Parents shall be relaxed and might concentrate on their work as they have a regular track on their child.

### 10. YOUR SOLUTION

Creating a geo fence so that notification would be sent to the parents once the limit is crossed.It tracks the child's location and send it to the parents

### 8. CHANNELS OF BEHAVIOUR

Online

By connecting to the cloud, the child's location is notified to the parents.

Offline

While in offline the child's location, heart rate and other data are sent via sms.