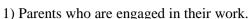
# PROBLEM SOLUTION FIT

Date	16-10-2022
Team no	PNT2022TMID21935
Project name	IOT- Based safety gadget for child safety Monitoring and notification
Maximum marks	2 Marks

# 1. CUSTOMER SEGMENT(S)

Who is your customer? i.e. working parents of 0-5 v.o. kids



- 2) Care-taker who are aged.
- 3) Customer who can't be with their child.

#### 6. CUSTOMER CONSTRAINTS

CS

J&P

 $\mathbf{TR}$ 

 $\mathbf{E}\mathbf{M}$ 

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available

- 1) Didn't know the exact solution to solve the Problem.
- 2) It is too costly to afford.

#### 5. AVAILABLE SOLUTIONS

CC

RC

 $\mathbf{SL}$ 

Which solutions are available to the customers when they face the problem

or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

Child tracking and monitoring gadget can be a best solution.

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

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

1) To protect the child from harm.

- 2) To track current location.
- 3) To raise alarm in-case of emergency.
- 4) To record messages, if the child crosses the geo-fence.

### 9. PROBLEM ROOT CAUSE

What is the real reason that this problem exists? What is the back atory behind the need to do this lab?

i.e. customers have to do it because of the change in regulations.

Due to lack of child safety and increasing fear of the parents about the child locations and their actions.

#### BEHAVIOUE

What does your oustomer do to address the problem and get the job foreign related: find the right solar panel installer, calculate usage and benefits; indirectly associated: oustomers spend free time on volunteering work (i.e. Greenpeace)

- 1) Wearable tracker that helps to monitor their child
- 2) Alert GPS can also be a solution.

# 3. TRIGGERS

Because of the increasing abducts in the society and the child who is not grown enough to take care of themselves.

#### 4. EMOTIONS: BEFORE / AFTER

How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Before: worried, disconsolate.

After: intrepid, peaceful.

# 10. YOUR SOLUTION

To design a gadget for protection and alert the parents in emergency.

## 8. CHANNELS of BEHAVIOUR

Online: Apps can be developed to track the child's live location.

Offline: sensor can be used.



entify strong TR & E

Explore AS, differentiate

AS