Project design
Phase 1 Solution Fit
Template

Date	19 September 2022
Team ID	PNT2022TMID44574
Project Name	IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

1. CUSTOMER SEGMENT
Define CS, fit into CC
- Caretaker
- Parent

6. CUSTOMER CONSTRAINTS
- Easy to use
- compatible and weightless
- low cost

5. AVAILABLE SOLUTION
Explore AS, differentiate
- Knowlege about setting geofence
- Device
- Internet

2. JOBS -TO- BE-DONE/ PROBLEMS
Focus on J&P, tap into BE, understand RC
- To manage data store
- network connectivity?
- To alert the parents in case of emergency

9. PROBLEM ROOT CAUSE
- Crimes
- missing children
- Irresponsible parents

7. BEHAVIOUR
Focus on J&P, tap into BE, understand RC
Tracking devices for kids provide you with real-time GPS details of your child's location. This is extremely useful tool when your child is walking to a friends house from any instant distance where your child's current whereabout could be uncertain.

3. TRIGGERS
Identify strong TR & EM
- social media neighbour places fear of losing child

4. EMOTIONS: BEFORE/ AFTER
- Parents are panic that they lost the child They fell happy after they find the child

10. YOUR SOLUTION
- Gadget ensure the safety and tracking of children. The android app use GPS and moblie service to find the child location and secretly stored accurate location wihout knowing the children

8 CHANNELS of BEHAVIOR
Extract online & offline CH of BE

81 ONLINE
- web application GPS module communication

82 OFFLINE
- Distance Calculations gadget using time