

# Project Design Phase-I

## Problem-Solution Fit

Date	1 October 2022
Team ID	PNT2022TMID49175
Project Name	IOT Based Safety Gadget For Child Safety Monitoring And Notifcation

### Problem-Solution fit canvas 2.0

Define CS, fit into CC	<b>1. CUSTOMER SEGMENT</b> <ul style="list-style-type: none"><li>• Caretaker</li><li>• Parent</li></ul>	<b>6. CUSTOMER CONSTRAINTS</b> <ul style="list-style-type: none"><li>• Easy to use</li><li>• compatible and weightless</li><li>• low cost</li></ul>	<b>5. AVAILABLE SOLUTION</b> <ul style="list-style-type: none"><li>• Knowlege about setting geofence</li><li>• Device</li><li>• Internet</li></ul> Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	<b>2. JOBS -TO- BE-DONE/ PROBLEMS</b> <ul style="list-style-type: none"><li>• To manage data store</li><li>• network connectivity?</li><li>• To alert the parents in case of emergency</li></ul>	<b>9. PROBLEM ROOT CAUSE</b> <ul style="list-style-type: none"><li>• Crimes</li><li>• missing children</li><li>• Irresponsible parents</li></ul>	<b>7. BEHAVIOUR</b> <p>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 about could be uncertain.</p> Focus on J&P, tap into BE, understand RC
Identify strong TR & EM	<b>3. TRIGGERS</b> <ul style="list-style-type: none"><li>• social media</li><li>• neighbour places</li><li>• fear of losing child</li></ul> <b>4. EMOTIONS: BEFORE/ AFTER</b> <ul style="list-style-type: none"><li>• Parents are panic that they lost the child</li><li>• They fell happy after they find the child</li></ul>	<b>10. YOUR SOLUTION</b> <ul style="list-style-type: none"><li>• Gadget ensure the safety and tracking of children.</li><li>• The android app use GPS and moblie service to find the child location and secretly stored accurate location wihout knowing the children</li></ul>	<b>8 CHANNELS of BEHAVIOR</b> <b>8.1 ONLINE</b> <ul style="list-style-type: none"><li>• web application</li><li>• GPS module communication</li></ul> <b>8.2 OFFLINE</b> <ul style="list-style-type: none"><li>• Distance Calculations</li><li>• gadget using time</li></ul> Extract online & offline CH of BE

