

Project Design Phase-I
Problem – Solution Fit
Template

Date	15 October2022
Team ID	PNT2022TMID09836
Project Name	IoT Based Safety Gadget For Child
Maximum Marks	2 Marks

Problem – Solution Fit Template:

The Problem-Solution Fit simply means that you have found a problem with your customer and thatthe solution you have realized for it actually solves the customer’s problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why.

Purpose:

- ☒ It helps to reduce their vulnerability in harmful situations. It also means protecting children against social, psychological and emotional insecurity and distress.
- ☒ The 5 P's of child protection are: Prevention, Paramountcy, Partnership, Protection and Parental Responsibility. Make your child aware of these P's for an awkward situation they don't understand.
- ☒ To provide special protection to children who are gravely threatened or endangered by circumstances which affect their normal development and over which they have no control, and to assist the concerned agencies in their rehabilitation.
- ☒ Working with children who have child protection plans. physical abuse. sexual abuse. emotional abuse. neglect.
- ☒ **It is a basic human right for a person to live in a safe environment away from harm or abuse and they should, in no circumstances, be exploited.**

Template:

Project Title: Child Safety Gadget

Project Design Phase-I - Solution Fit Template

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Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S) <small>Who is your customer?</small></div> <div>CS</div> <div>Parents are our customer. Who needs safety for their child. This device helps to the parents about their child.</div>	<div>6. CUSTOMER CONSTRAINTS</div> <div>C</div> <div><ul style="list-style-type: none">Safety of Your Child.It Must Encourage Creative Thinking.Potential of Learning from The Toy.A Toy Can Have Multiple Benefits.Choose The Right Toys for Your Child's Age.</div>	<div>5. AVAILABLE SOLUTIONS <small>Which solutions are available to the customers when they face the problem</small></div> <div>AS</div> <div><ul style="list-style-type: none">Set a complex password for the gadgets.Check the history every time.Don't make a habit from using the gadgets learning.Send your child to camps or trips.</div>	Explore AS, different
	<div>2. JOBS-TO-BE-DONE / PROBLEMS</div> <div>J&P</div> <div>What is the disadvantages of wearable technology? Technical difficulties, poor data quality, poor design or unfashionable design of the device are just some of the disadvantages with wearable tech. Design and technical difficulties go hand in hand</div>	<div>9. PROBLEM ROOT CAUSE</div> <div>RC</div> <div><ul style="list-style-type: none">Attention deficitCognitive delaysImpaired learningIncreased impulsivityDecreased ability to self-regulation</div>	<div>7. BEHAVIOUR <small>What are the characteristics of wearable technology?</small></div> <div>BE</div> <div>The key characteristics that define wearable computing devices are: <u>Portable while Operation.</u> Enables hands free and hands limited use. Always with the user, or acting on behalf of the user. <u>Able to get user's attention.</u> <u>Able to sense user's current context</u></div>	
Focus on J&P, tap into BE, understand RC	<div>3. TRIGGERS <small>What triggers customers to act?</small></div> <div>TR</div> <div>In school, their teachers instruct the parents to aware about that gadget. If any one of their neighbor using this gadget means they also have mind to use this.</div>	<div>10. YOUR SOLUTION</div> <div>SL</div> <div>With the introduction of IoT wearable devices, doctors can monitor a patient's heart rate, glucometer readings, calorie count, and other vital signs. This information can help doctors better manage patients' health and safety. It can also help doctors monitor the compliance of medications with treatment plans.</div>	<div>4. EMOTIONS: BEFORE / AFTER <small>How do customers feel when they face a problem or a job and afterwards?</small></div> <div>EM</div> <div><ul style="list-style-type: none">For working parents before they are having lots of tension about their child.Having a healthy and safe environment protects children from harm, and helps promote their independence through decision making and creating new challenges.</div>	Focus on J&P, tap into BE, understand RC

