

Project Title: IoT Based Safety Gadget for Child Safety Monitoring and Notification

Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID25977

Identify strong TR & EM	Define CS, fit into CC			Evaluate AS, differentiate			
	<div>1. CUSTOMER SEGMENT(S) <div>CS</div><p>Working parents use this device to ensure the safety of their children.</p></div>	<div>6. CUSTOMER CONSTRAINTS <div>CC</div><p>Lack of affordable, dependable, and trouble-free technology; lack of secure and user-friendly Ui.</p></div>	<div>5. AVAILABLE SOLUTIONS <div>AS</div><p>There are existing solutions that offer location tracking for kids but they are not very efficient. Along with these features the smart band is also equipped with sensors to monitor the child's health conditions</p></div>	Focus on J&P, tap into BE, understand RC	<div>2. JOBS-TO-BE-DONE / PROBLEMS <div>J&P</div><p>The location of the child is tracked using GSM mobile communication to specify the child's location in real-time and to notify their parents of any abnormalities.</p></div>	<div>9. PROBLEM ROOT CAUSE <div>RC</div><p>Parents and guardians need better ways to monitor their children, but traditional security measures are designed to prevent theft or other illegal activities and are not well suited to monitoring children. Furthermore, parents and guardians do not have access to surveillance videos in order to monitor their children.</p></div>	<div>7. BEHAVIOUR? <div>BE</div><p>Customer insecurity prevents their children from venturing out on their own, use easily accessible technologies. During the emergency, mobile apps alert the control room of nearby police station or caretakers of children.</p></div>
<div>3. TRIGGERS <div>TR</div><p>Children below six years can not explain in words directly to their parents about the problems, hence a wearable device is developed for their safety.</p></div>	<div>10. YOUR SOLUTION <div>SL</div><p>This study shows a Smart IoT device for child safety and tracking, assisting parents in locating and monitoring their children.</p></div>	<div>8.CHANNELS of BEHAVIOR <div>CH</div><p>Online During the emergency, mobile apps alert the control room of nearby police stations or caretakers of children.</p></div>					

	<div data-bbox="152 63 454 92">4. EMOTIONS: BEFORE / AFTER</div> <div data-bbox="721 60 761 92">EM</div> <div data-bbox="152 124 369 268"><p>Before: Insecurity, Worried ,scared</p><p>After: Secured, relieved</p></div>		<div data-bbox="1498 100 2063 175"><p>Offline Customers accompany their children to ensure their safety, surround them with trusted individuals, and seek protection in public places.</p></div>	
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