

Project Design Phase-II

Prepare Solution Fit

Date	16 October 2022
Team ID	PNT2022TMID48274
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

Define CS, fit into CC	1. CUSTOMER SEGMENT(S): CS <p>The target of our project is mainly focused on parents who having a child. Especially, the child within the age of below 18. It is not a big deal for parents.</p>	6. CUSTOMER CONSTRAINTS CC <p>As we are proposing an application to analyze and predict their child safety. communication between the parent and child is not available in all time, because due to their future plan.</p>	5. AVAILABLE SOLUTIONS AS <p>GPRS, GPS, GSM, GPS SOC and using increasing the signal strength via BLE listener receiver.</p> <p>The temperature and pulse sensor are placed at the gadget to detect the health condition of the child continuously.</p> <p>Making a geofency.</p>	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P <p>The existing application are not enough to keep tracks the child from any injuries, such as child are missing in the hill station or forest region or if they are being abducted by thieves.</p> <p>If the child are affected by the flu or fever, sometimes it will not appear in outside.</p>	9. PROBLEM ROOT CAUSE RC <p>The root cause of the problem in the gadgets is security issues through the Wi-Fi module, due to network coverage area the Wi-Fi is not working properly.</p> <p>If the child are affected by the flu or fever, sometimes it will not appear in outside.</p>	7. BEHAVIOUR BE <p>The problem which were faced by the customer, while using a gadget is responsible for the pairing between child's gadget and parent's mobile via Wi-Fi or Bluetooth.</p>	
Focus on J&P, tap into BE, understand RC	3. TRIGGERS TR <p>Advertisement is the best way to start triggering the people to use our app. Now a days, Mobile application are which is easily reachable for the remote side people.</p>	10. YOUR SOLUTION SL <p>If the child meet the critical situation the child had a panic button, their parent can notify the alert, and activate the Web camera, instant share to the parent phone. GPS, GPRS, GSM, BLE listener receiver used to keep tracking the child in their bounded areas.</p>	8. CHANNELS of BEHAVIOUR CH <p>8.1. ONLINE CHANNELS:</p> <p>In todays life poeple expect things that are easily acquirable and accessible.</p>	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER EM <p>Before using the gadget, It is difficulty to watch their children everytime.</p> <p>After using the gadget, the security is much stronger. so the parent can't panic about their children.</p>		<p>8.2. OFFLINE CHANNELS:</p> <p>In offline channels, the activities can be monitored in the not connection of network.</p>	
Identify strong TR & EM				