

<b>Date</b>	<b>19 OCTOBER 2022</b>
<b>Team ID</b>	<b>PNT2022TMID30696</b>
<b>Project Name</b>	<b>IOT Based Safety Gadget for Child safety Monitoring and Notification.</b>
<b>Maximum Marks</b>	<b>4 Marks</b>

## User journey

by TechDesign, School of Design Management

People 2-9
 Time 30 min
 Difficulty Beginner

Creating a user journey is a quick way to help you and your team gain a deeper understanding of who you're designing for, aka the stakeholder in your project. The information you add here should be representative of the observations and research you've done about your users. >

Phases	Onboarding of appliance	Triggering the gadget	Trace whereabouts and pinning GPS	Real-time monitoring and instant message notification regime
Steps	Attach the communication details of both the child and the parent and their address of the location with Google map. Activate the device and switch on mobile data	Link the device to the mobile application Enable the GPS/Bluetooth	GPRS block is activated with SIM card on board The location tracking is based on GPS, bluetooth, wifi	The notification is sent through the app Updated location can be sent after every fixed amount of time and should be received frequently
Feelings	<div>           The appliance is user friendly, compact, lightweight and comes in handy.                       Create unobstructed environment         </div> <div>           The gadget rings predominantly on the internet                       Many may not apprehend how to use the gadget's server         </div>	<div>           Tracks the current location of the child                       Information is effortlessly accessible even if we are away from the actual location         </div> <div>           The device would not work in a network-less place                       Function of this device will be not working when water enters         </div>	<div>           Can imprint any desired location                       It has high dependability and data accuracy         </div> <div>           This device will not be functioning under improper weather conditions                       The system should help to monitor/track the children and report to their parents.         </div>	<div>           Gives alert when the child is at risk                       Monitor is possible in all time         </div> <div>           Does not receive a notification during a device in off condition                       If the GPS connection is due to battery drain then there is no communication between child and parent         </div>
Pain points	Inadequate battery supply leads to switching off the device When the kid/parents use the signal parents to track the device	Misplacement or losing the tag doesn't detect the status of the child If the device is damaged or broken then it doesn't endorse tracking	When the device in signal less place of network then it was hard to track The GPS data fencing concept is used in particular boundary space	Delay of receiving notification The monitoring can't be done without internet
Opportunities	Disseminating the devices in educational/ Broadcasting Exemplifying proper guidelines by demonstrating	When parents want to check their kid's fitness and well-being The wearable device should measure the child's heart rate and be optional continuously without interpreted	History of location can be stored in the cloud The GPS should transmit the position of the child every second	The system should be monitored 24/7 Implementation of Emergency Alert System

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