

DATE

TEAM ID

PROJECT TITLE

1 November2022

PNT2022

TMID33996

IoT Based Safety Gadget for Child Safety Monitoring and Notification

Customer

by the Design Team of Accenture Interactive NL

journey

4

Time
30 min

Difficulty
Beginner

| | | | | |
|---|--|---|--|---|
| <div><div>1</div><div>Phases</div><div>High-level steps your user needs to accomplish from start to finish</div></div> | <div>Develop the web application</div> | <div>Enabling GPS</div> | <div>Real time monitoring</div> | <div>Final release</div> |
| <div><div>2</div><div>Steps</div><div>Detailed actions your user has to perform</div></div> | <div>Develop web application</div> <div>Activate communication</div> | <div>Connect with web application developed</div> <div>Track using GPS</div> | <div>connect sim card with GPRS</div> <div>connect with guardian's mobile</div> | <div>notification is activated</div> <div>final testing is done</div> |
| <div><div>3</div><div>Feelings</div><div>What your user might be thinking and feeling at the moment</div></div> <div><div></div><div></div></div> | <div>touch, temperature & heartbeat of the child are used for parametric analysis and results are plotted for the same.</div> <div>To implement the IoT device which ensures the complete solution for child safety problems</div> | <div>it is not necessary that an expensive smartphone is required</div> <div>High power efficient model will have to be used which can be capable of giving the battery life for a longer time.</div> | <div>A child tracking system using android terminal and hoc networks.</div> <div>This system is unable to sense human behavior of child.</div> | <div>This wearable over other wearable is that it can be used in any phone</div> <div>As, this device's battery gives short life-time</div> |
| <div><div>4</div><div>Pain points</div><div>Problems your user runs into</div></div> | <div>Random down in battery life</div> | <div>Human behavior is unable to sense</div> | <div>hard to implement in rural areas</div> | <div>Random checking must be done by the parents</div> |
| <div><div>5</div><div>Opportunities</div><div>Potential improvements or enhancements to the experience</div></div> | <div>Stay Connected Feature</div> | <div>Health Monitoring System:</div> | <div>Gadget Plug and Unplug Monitoring</div> | <div>Panic Alert System</div> |