IMAGINE IOT

PROTOTYPE CHALLENGE
Story

Summary

Parents need a tool to help locate their children and monitor their stress levels when they are at school or out with other people.

Storyline

A working mum concerns about her children’s welfare and how they have been doing at school or additional clubs/activities. Since they are still young and not be able to explain their emotions. She plans to use this IOT tool / application to analyse their stress levels during their school day and how they do with their exercises during breaks or PE classes. Besides, she can also locate where they have been during the day, arriving and leaving school.
Persona

Meredith

Working Mum

"I am a working mum and not able to be at school gate every day. I'd like to find out if my kids are in school on time and when they leave school. I also would like to know how they are getting on with their lives at school!"

About

- 38 married with two young children
- Working in IT sector with over 15 staffs in her team
- Juggling her roles as a mum and an IT Solution Architect
- Keen to know children mobility, happiness level at school, and hours of exercise

Responsibilities

- Working full time as IT Solution Architect
- Child care and children's welfare
- Support and guide children for their education / socialisation

Main Goals

- Stress-free family
- Happy / Healthy children
- Work-life balance
- Quality time with children

Needs

- How much exercises the children do at school
- Time arrive and leave school
- Subjects / classes that children enjoy at school

Pain Points

- Not able to be at school as she is very often due to her work commitment
- Do not know how much time the children have been playing outdoor during the break
- Which subjects / classes the children like or dislike
- To arrange drop off and pick up time from school efficiently
Point of View

As a Mother

I need a way to monitor my children’s welfare.

so that I can ensure of their safety, health, and mental status.
# User Experience Journey

<table>
<thead>
<tr>
<th>ACTIONS</th>
<th>MINDSET</th>
<th>FEELING</th>
<th>TOUCH POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waking Children up in the morning</td>
<td>How long will it take for them to be fully awake and go to bathroom?</td>
<td>🧡</td>
<td>Children Bedroom</td>
</tr>
<tr>
<td>Children are ready with their wristband to school</td>
<td>Will I be at work on time? Are they having good breakfast? Dad is ready for drop off!</td>
<td>😏</td>
<td>Children Breakfast Stool Dad wristband</td>
</tr>
<tr>
<td>Drop off / Pick up</td>
<td>Will the children be at school on time? Will the nanny be late for pick up?</td>
<td>😞</td>
<td>Children School Nanny</td>
</tr>
<tr>
<td>Get information from tool to mobile app</td>
<td>Did the children have enough exercise today? Did they get any stress from any classes today? Were they at school on-time? How long did they need to wait for the nanny?</td>
<td>😍</td>
<td>Mobile application Wristband</td>
</tr>
<tr>
<td>Doing Homework</td>
<td>Getting enough information to support children on their homework and subjects</td>
<td>😤</td>
<td>Children Study room Living room</td>
</tr>
<tr>
<td>Bed time</td>
<td>Happy and calm atmosphere for the family</td>
<td></td>
<td>Bedroom</td>
</tr>
</tbody>
</table>
Prototype

Prototype: https://standard.build.me/api/projects/327c642ca8eeced0ccfbf41/prototype/snapshot/latest/index.html#/14772419371332091_S0

Test Study for Feedback and Review: https://standard.build.me/home/projects/327c642ca8eeced0ccfbf41/research/participant/cdc56d15b43ee18a0ccfc090