

# Child Safe

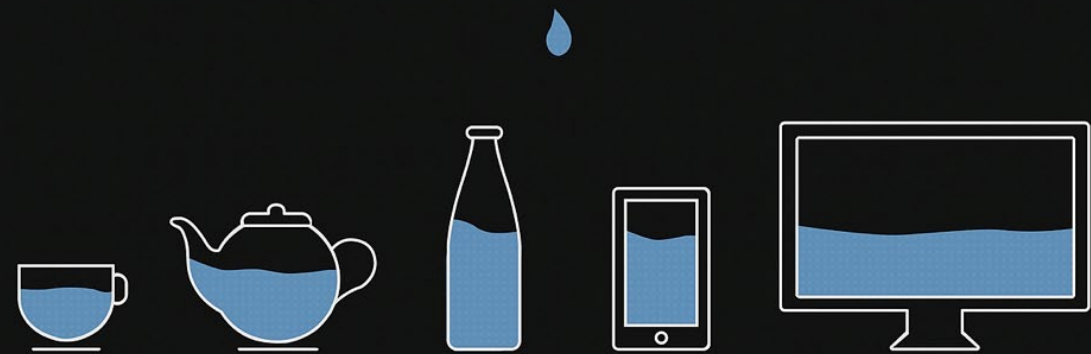


Parents Monitor Their Children On Their Routes To and From School with a Simple Mobile Tracking System

# Responsive & Adaptive

- Responsive design content is like water. You put it in a teapot, it becomes the teapot.  
<https://www.interaction-design.org/literature/article/adaptive-vs-responsive-design>
- “Responsive designs respond to changes in browser width (changing the design patterns) by *adjusting* the placement of design elements to *fit* in the available space”
- Adaptive design there has to be a design for each individual device such as a design for desktop tablet and mobile.. and it goes even further for phone there has to be individual designs for each phone iteration like iphone 6, iphone 7, iphone 8, etc...
- Adaptive design is creating specific layouts for specific size pages. When the page detects a new device it calculates the dimensions and refers to a custom layout, predetermined for that scale.

## CONTENT IS LIKE WATER



“You put water into a cup it becomes the cup.  
You put water into a bottle it becomes the bottle.  
You put it in a teapot, it becomes the teapot.”

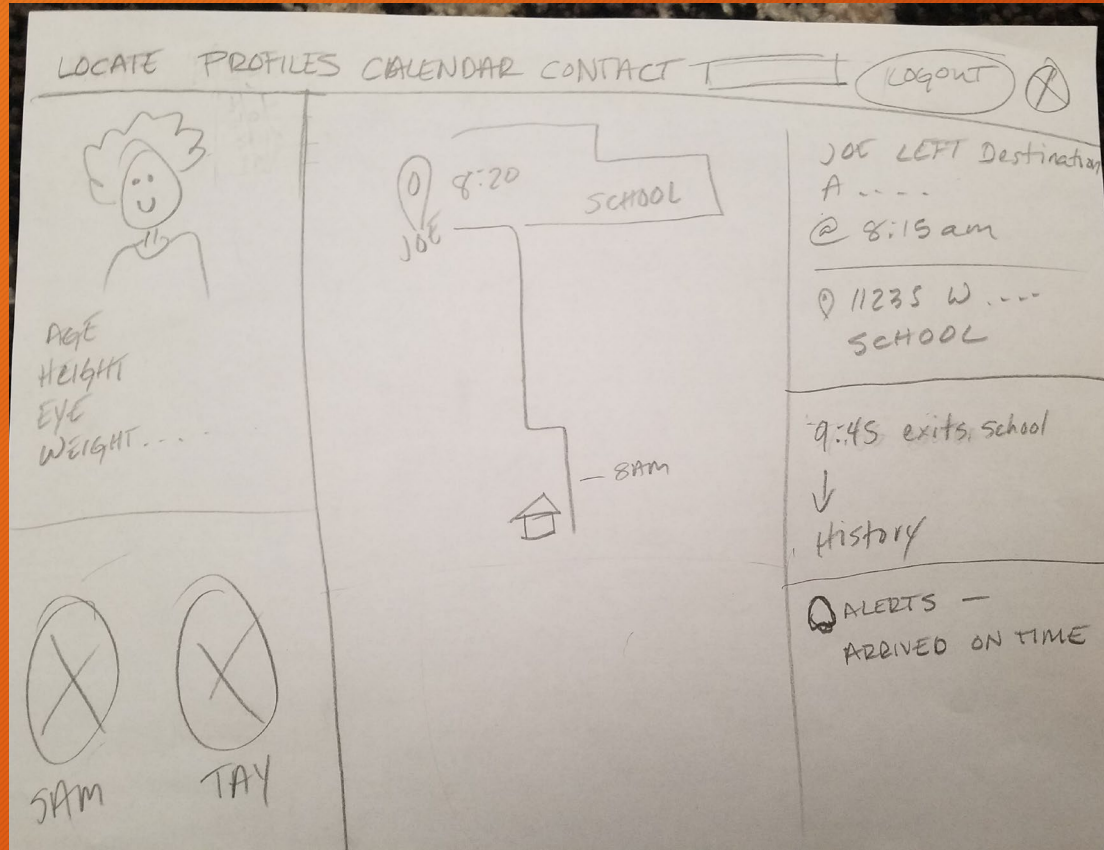
Josh Clark (originally Bruce Lee) - Seven deadly mobile myths

Illustration by Stéphanie Walter

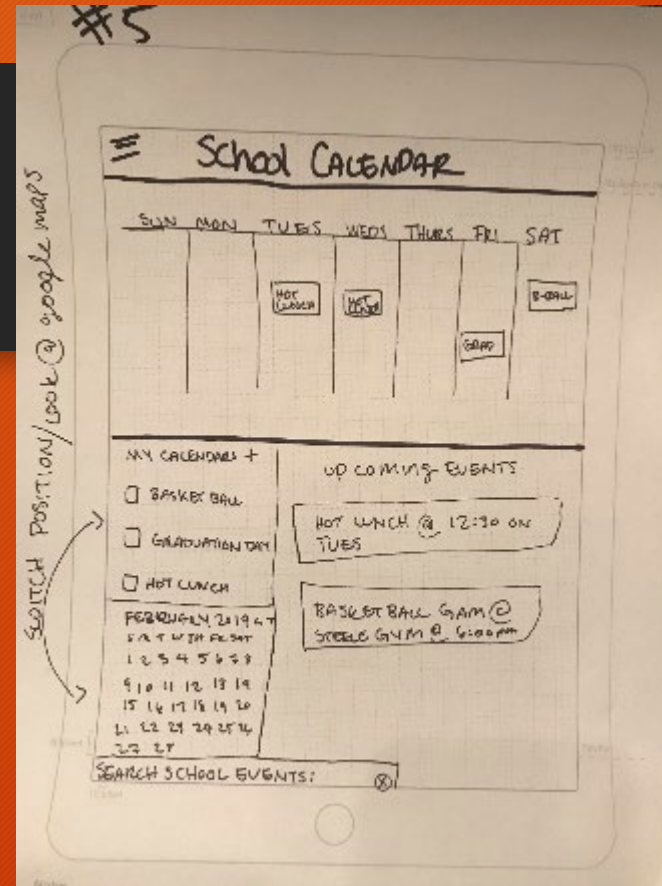
# Project Concept

- The problem starts with parents feeling unsure of where the location of their child is. *Child Safe* provides an advanced mobile tracking system that ties in directly and communicates through a child's wristband to receive location through a mobile phone, tablet, or computer by sending alerts to parents. The wristbands are designed for kindergarten-middle school students to ensure safety and location of the child when arriving and departing from school. The wristband show when buses arrive late, but also shows if your child safely got off the bus at school. The application will solve the problem by alerting parents where a child has arrived at school through their GPS tracking wristband.

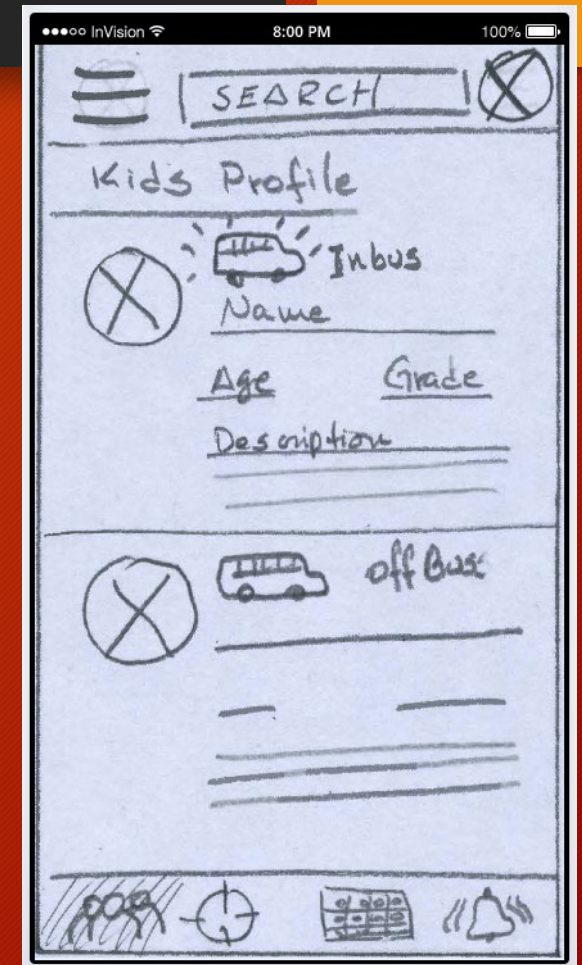
# Low Fidelity Designs



Desktop Locate/Profile

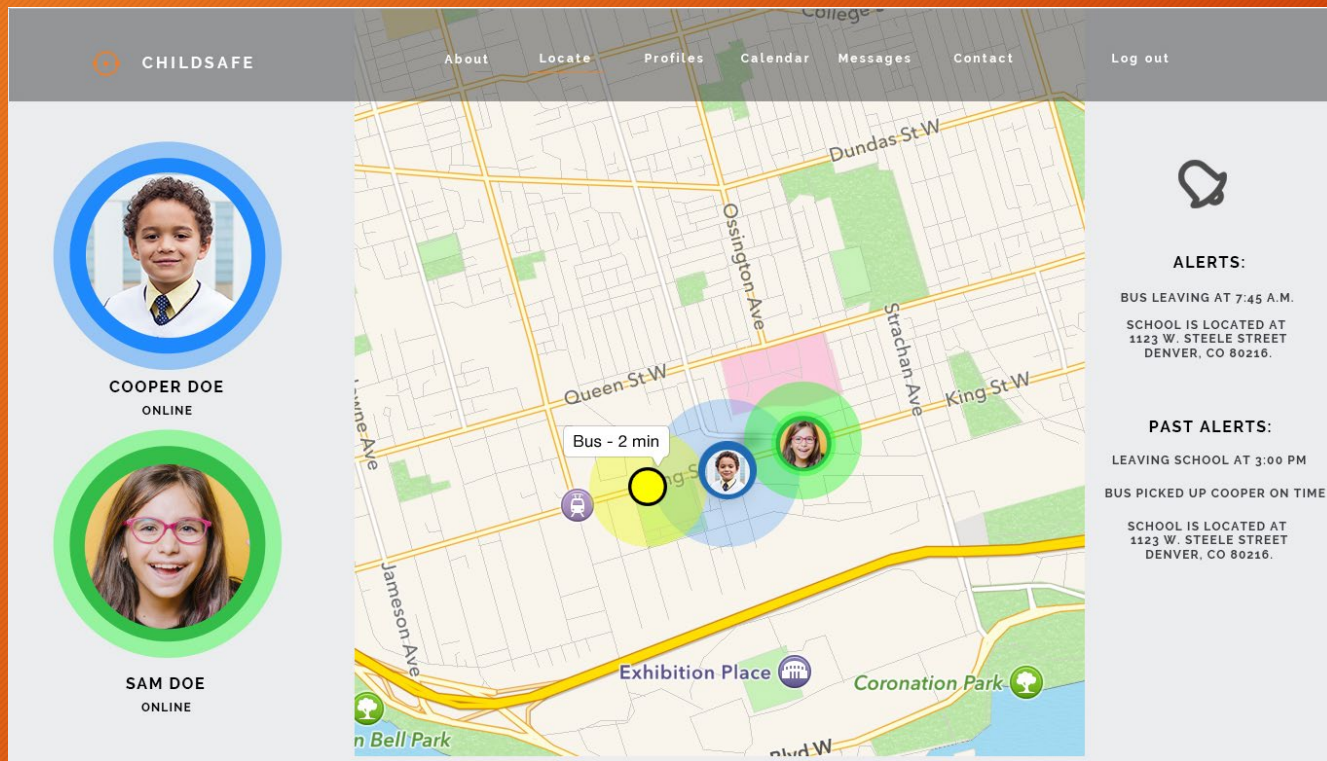


Tablet Calendar

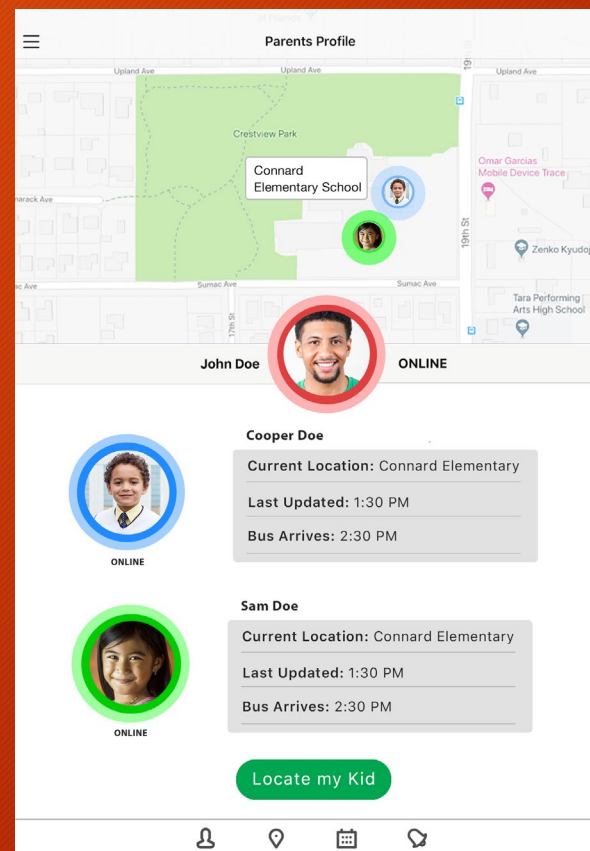


Mobile Profile

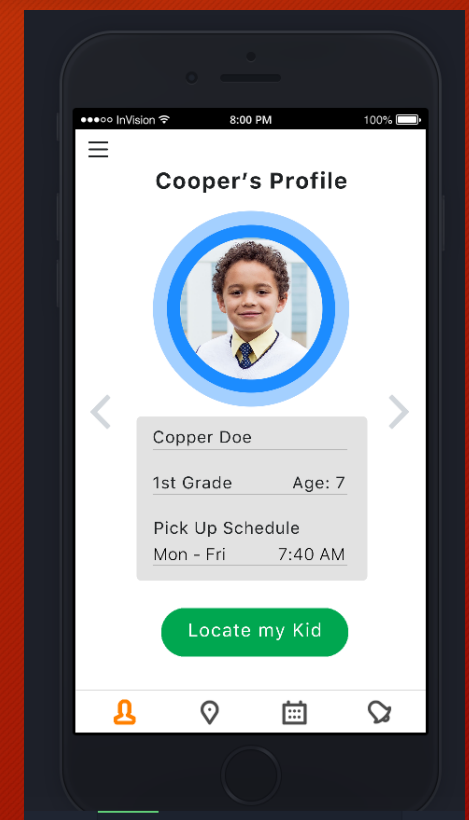
# High Fidelity Designs



Desktop Locate



Tablet Locate



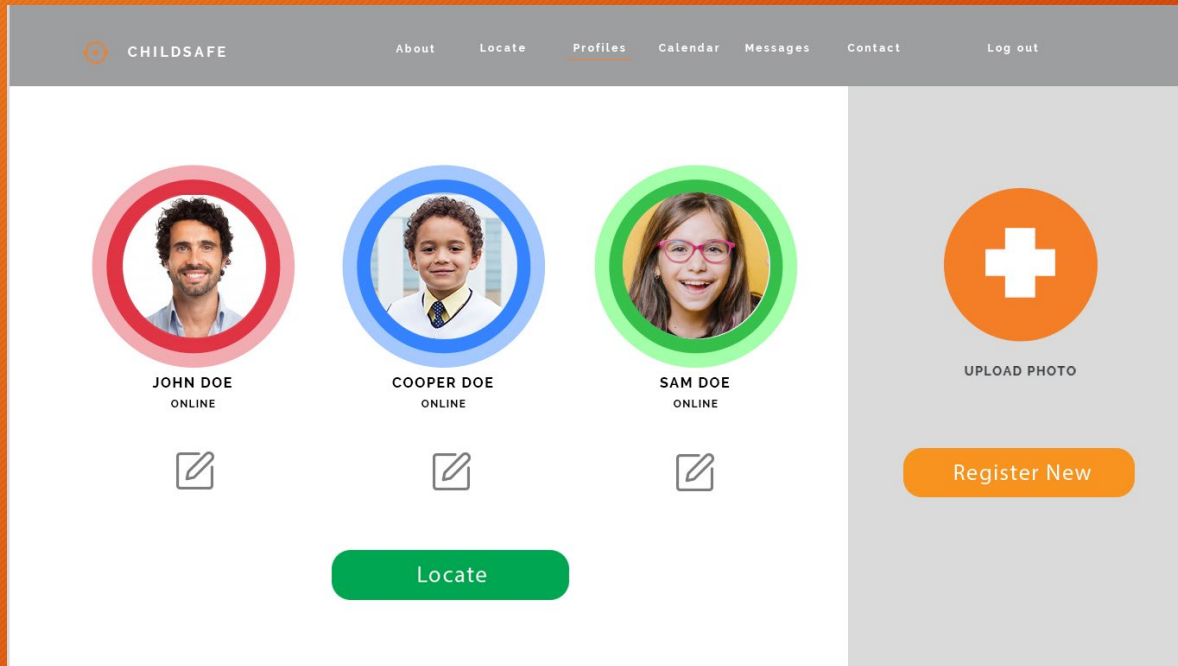
Mobile Profile

# User Research Summary

Overall, the step-by-step process through each interface is user-friendly and makes things fairly easy to register and locate a child. There's some confusion as to specific icons, needing more information throughout the process, and consistency in branding. See below for each device:

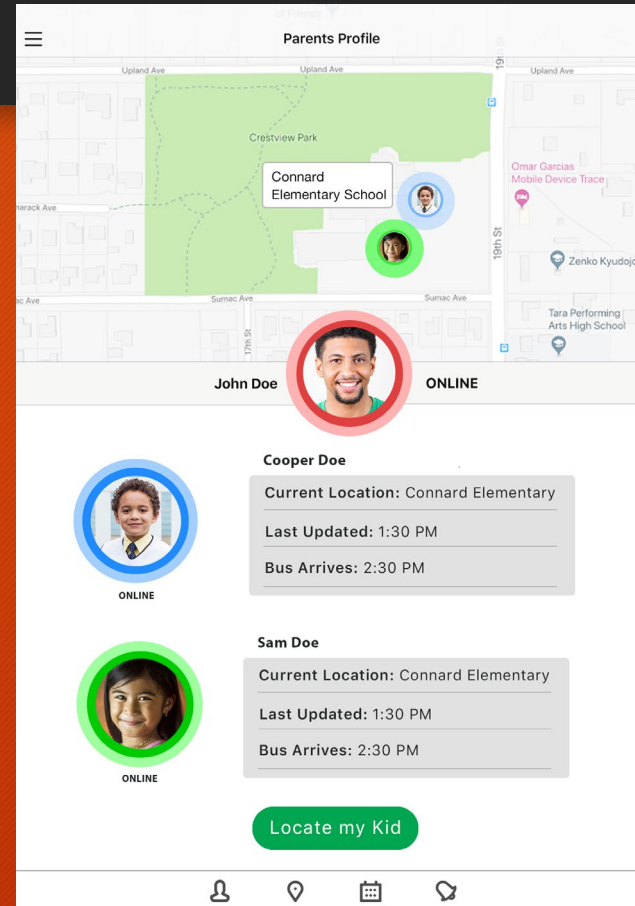
- Mobile: Don't assume people know icons always label them unless it's the phone icon or the "x" icon.
- Mobile: People did not understand the bell icon was for alerts and notifications. (change to envelope?)
- Mobile: Big profile pics are cool especially when they're for kids
- Tablet: Profiles for the parent/kid were confusing to most users and a new layout of both of the profiles should be navigated differently. Like the both of their own tab.
- Tablet: Update bottom navigation and don't assume the users know what the icon is. Some users said, "descriptive words" would be a lot easier to understand.
- Desktop: Users agree the registration process would be improved if brief instructions and/or descriptions were included to tell them what they were doing.
- Desktop: There's some inconsistencies with the sign-up and registration process. The registration screen comes up, but when you click to upload a photo, the form changes to add a child by mistake.
- Desktop: Homepage font sizes vary, some are a little small to read. There's also inconsistency with the orange color for the brand, and the "brownish-orange" color on the messages page.

# Prototype



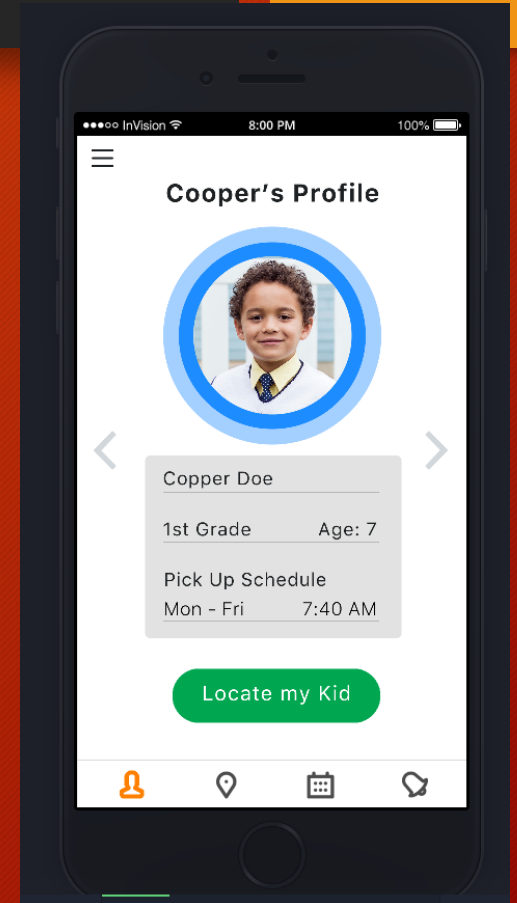
• <https://invis.io/XMQX3D3YR75>

Desktop



• <https://invis.io/HYQKTEMGU29>

Tablet



• <https://invis.io/T6QFR7OVWAE>

Mobile