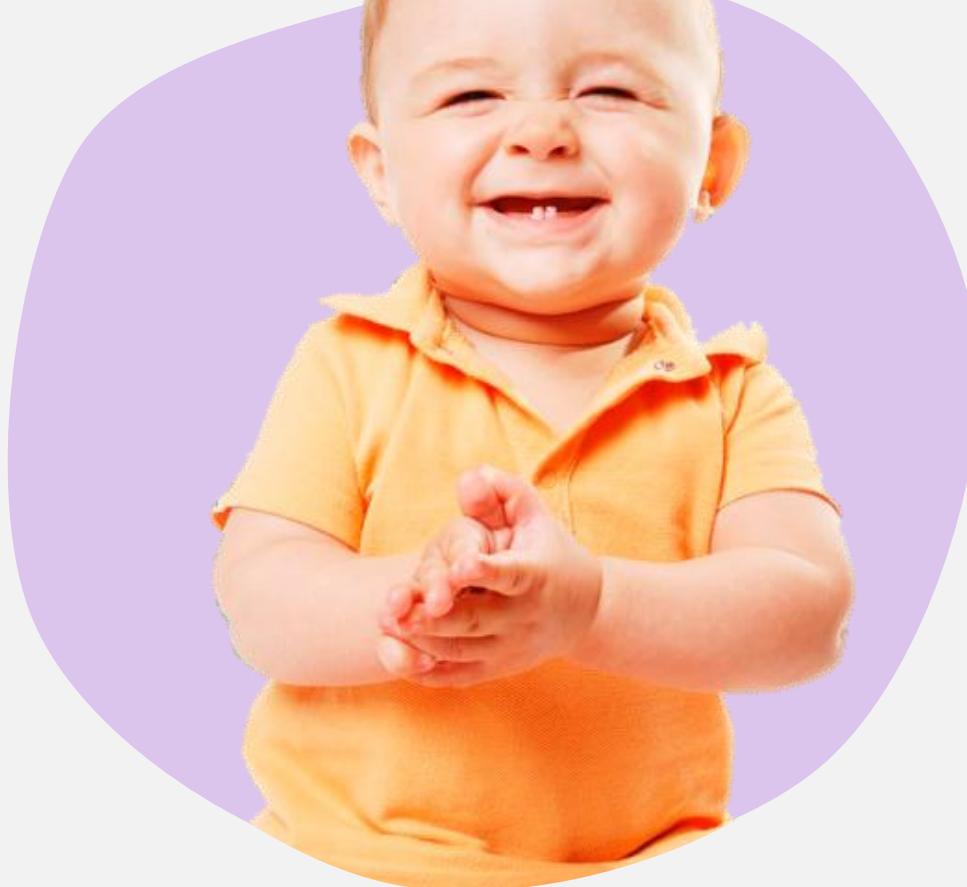


- Project Name: Babyspy
- Nomination: "Smart City and Security"
- Project Author: Ramazan Aliyev
- Grade: 9
- Educational Organization: Quantorium Children's Technopark, Altair Center
- Project Manager: M.M. Bayrambekov
- Year of Project Creation: 2022



peey spy

A little helper for moms and dads



Children are learning about the world

We thought about how to optimize a mother's time while her baby is exploring the world while walking around the house.

- Children under six actively explore the world around them – they look at everything, touch everything, and, of course, try things.
- But learning about the world doesn't come without its sacrifices: a child might break their mother's favorite vase or color the wallpaper with markers.
- And often, mothers monitor their child's every move, fearing their careless actions, thereby wasting time.



1

Across Russia in 2018, 905 children fell out of windows, 123 of whom died and 33 were left disabled



2

In 2013, 54 children were injured at Russian power grid facilities, 26 of whom died.



3

If we analyze the incidence of injuries among children and adolescents, then 50% are due to domestic injuries.

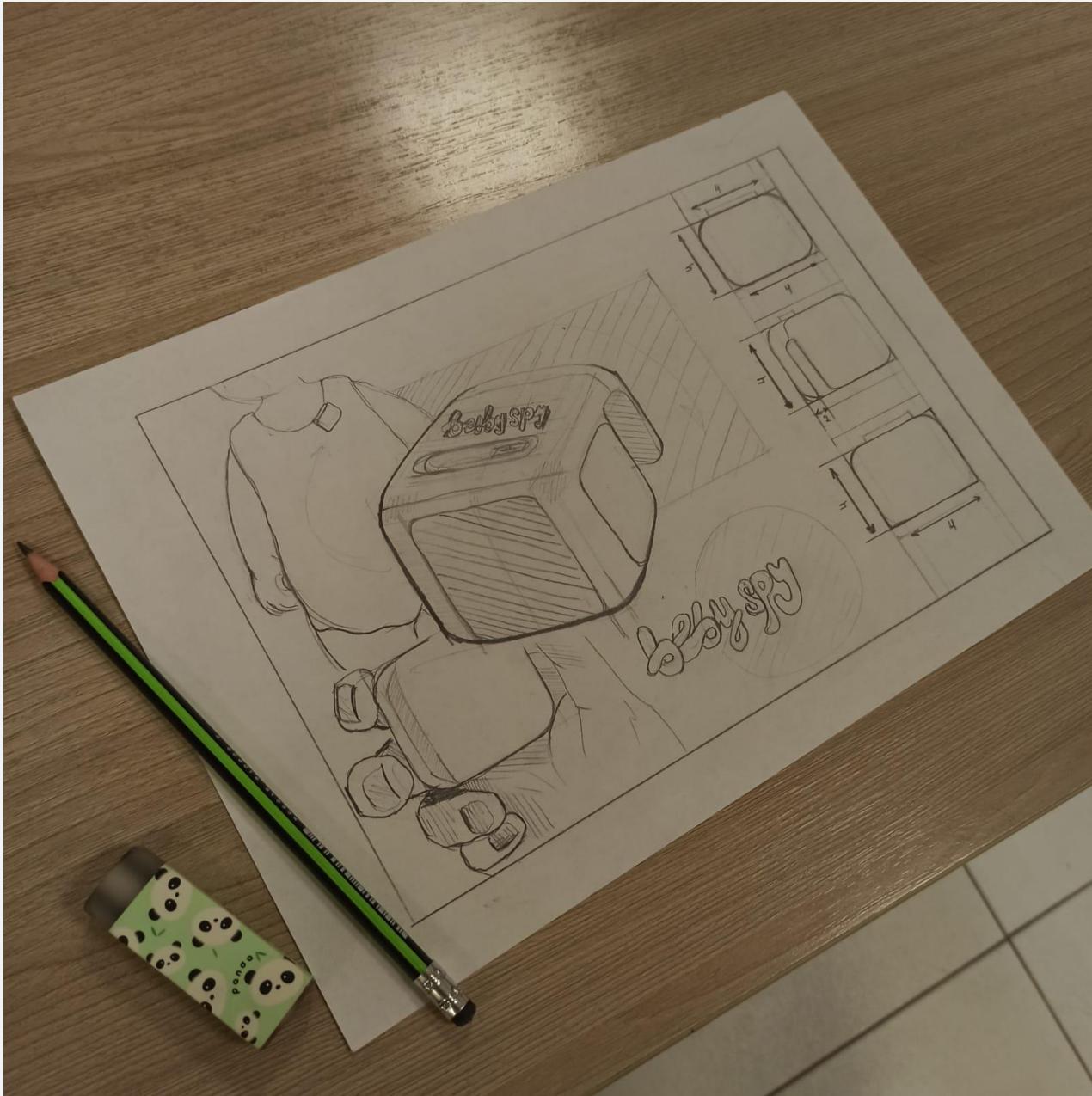




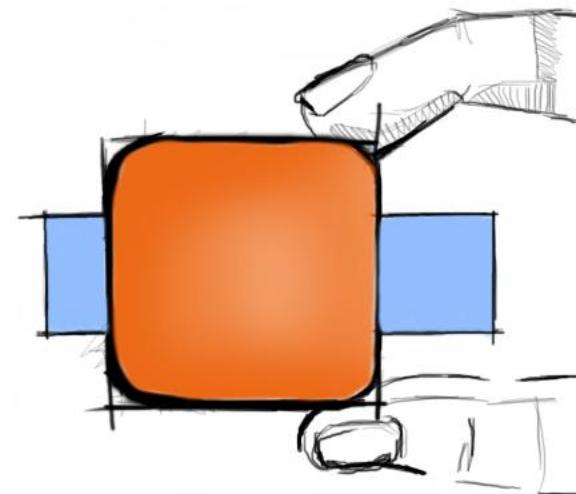
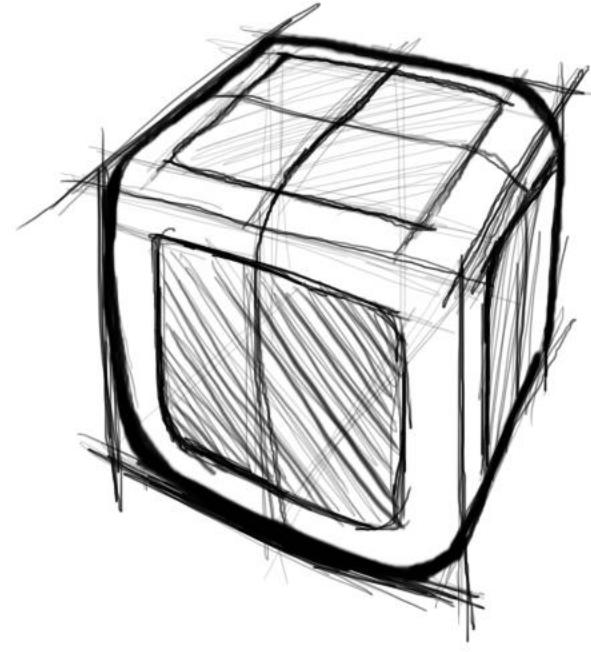
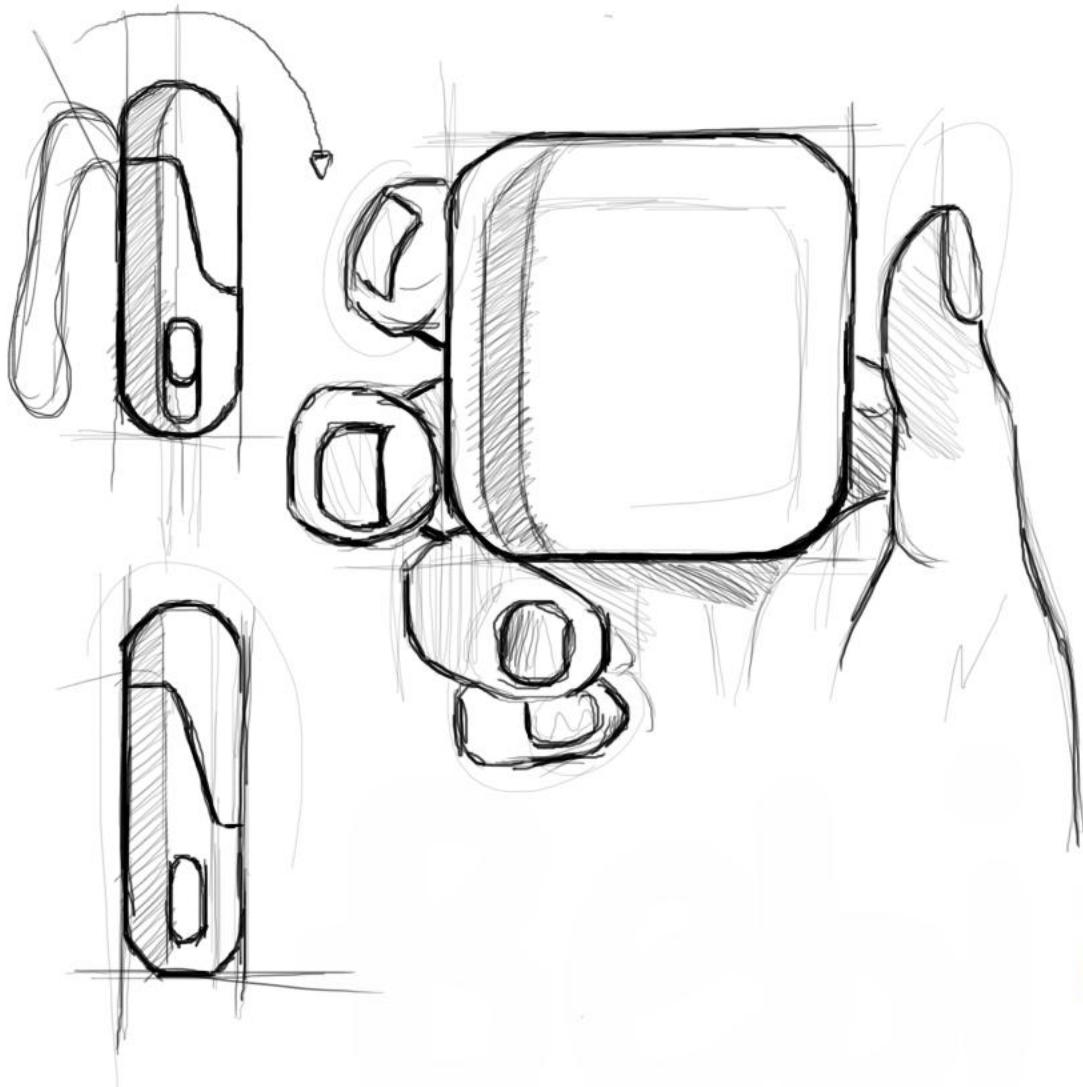
Sketch

Babyspy - a little spy

The discreet design and small size won't distract your baby.



Скетч



heavy spy

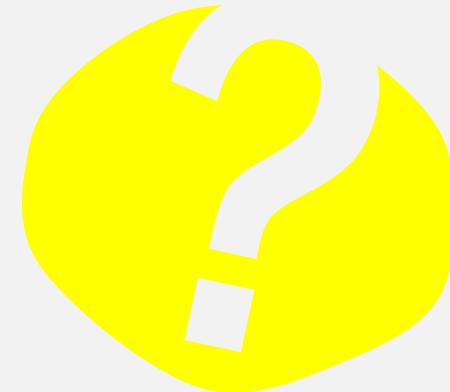
Turns out

The children's product industry has long collaborated with psychologists.

Psychologists claim

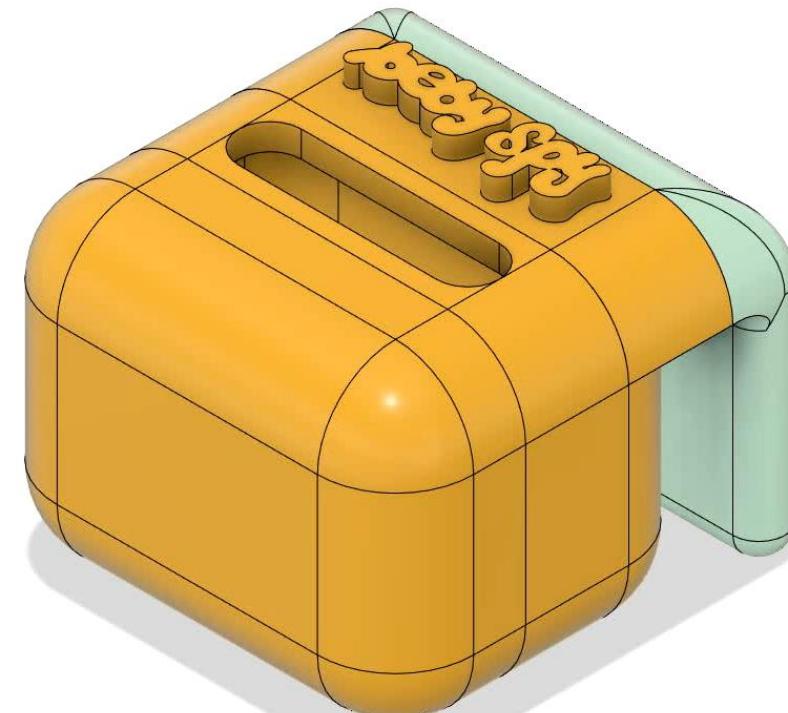
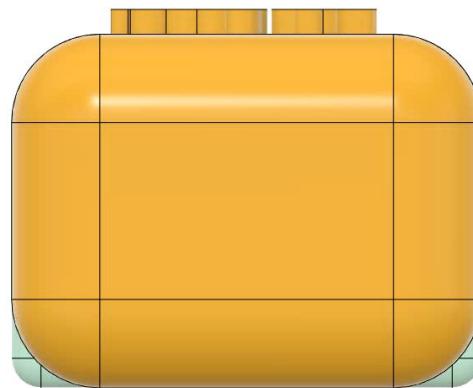
Children respond best to red, blue, and all their shades.

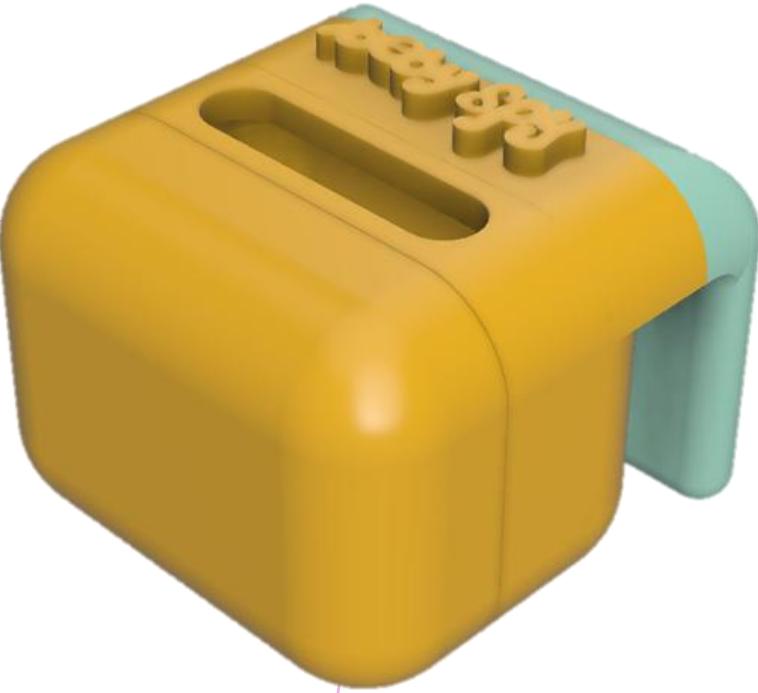
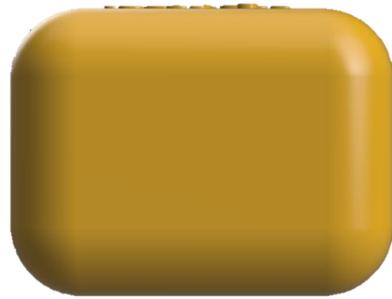
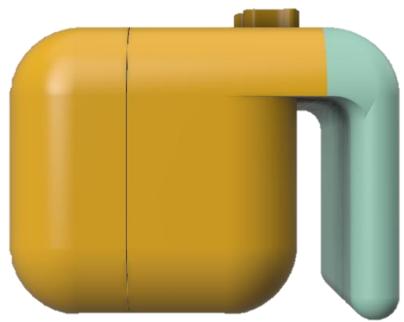
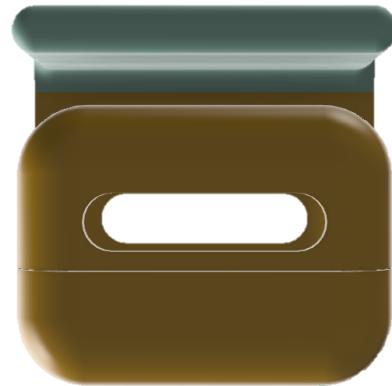
This conclusion is based on the fact that babies primarily respond to objects and toys of these colors.



peey Spy

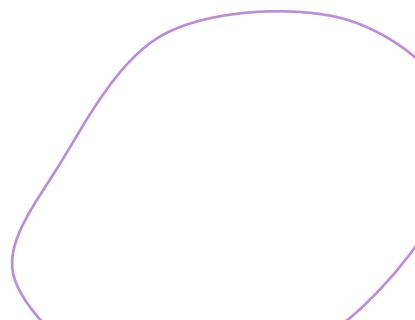
Child tracking sensor





peasy Spy

3D model render





How does this work

The sensor attaches to the child's clothing (where it won't interfere). The sensor itself has no protrusions or sharp edges, so it won't injure the child while playing or sleeping. If the sensor detects that the child is dangerously close to objects (on the house map) that parents have set in the app, it will call the parent's phone. Parents can also install sensors on windows to detect whether they are closed. If the child is close, the sensor will close the window to prevent harm (from a cold or falling out of the window). Dangerous areas in the house can include open windows or electrical appliances within the child's reach.

Color scheme

Three color solutions



Pink

for girls

Orange

neutral

Green

for boys

Our application

On the parents' smartphone

A map of the house is loaded into the application and Bluetooth is connected.



Proper supervision - healthy child

Thank you for your attention

Proper supervision

-

healthy child

Thank you for your attention