



WastePlacer

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THE PROBLEM

People tend to show a lack of understanding of the impact they make when it comes to waste. Incorrect sorting, overconsumption, and apathy all contribute to eco-unfriendly habits.

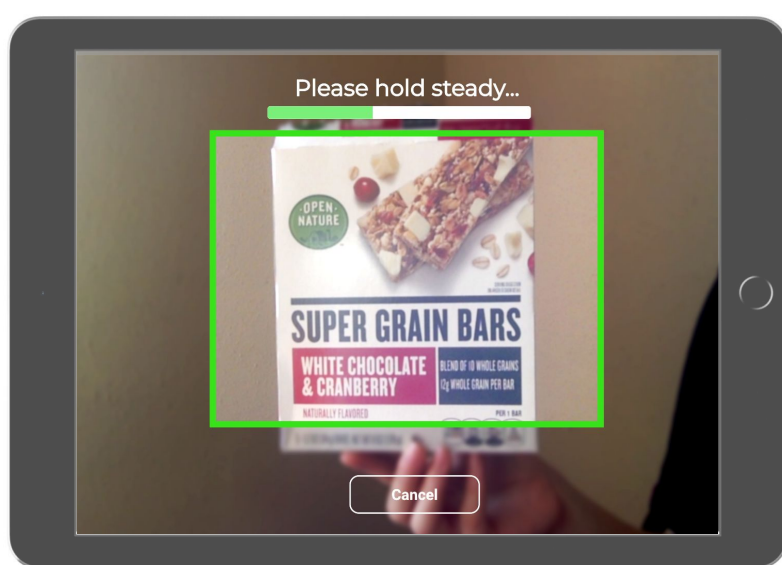
OUR SOLUTION

Wasteplacer is a system of smart bins equipped with a screen and camera that assists with correct sorting and developing eco-friendly disposal habits.

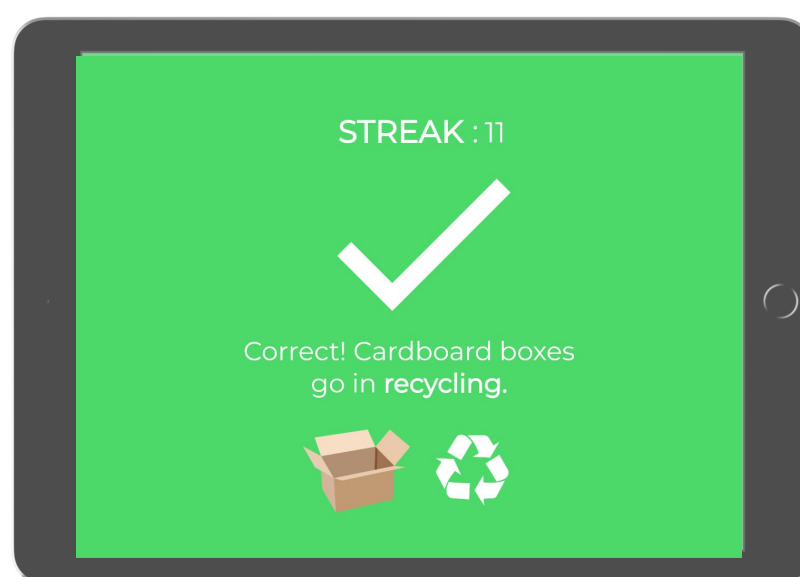


Fig 1. Incorrectly sorted items appear on the bin screen

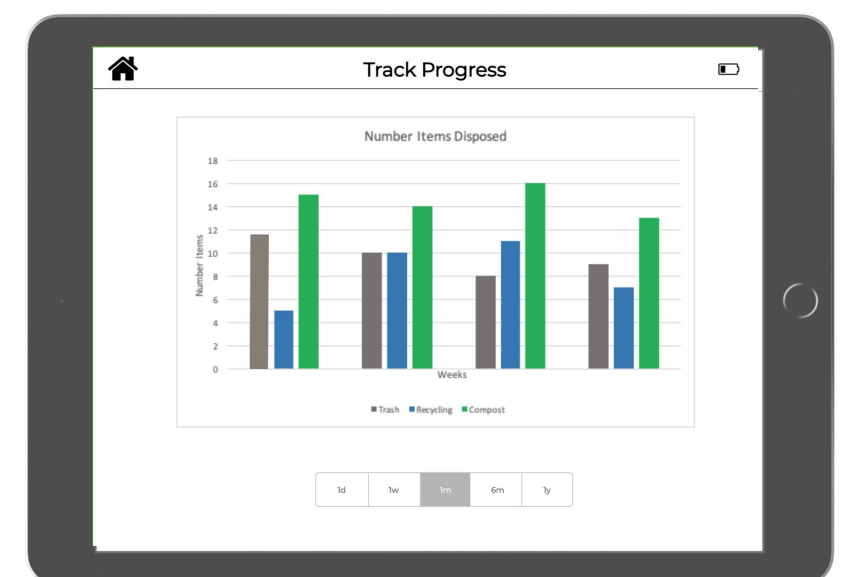
FEATURES



Scans items for sorting identification



Maintains streaks for number of correctly sorted items

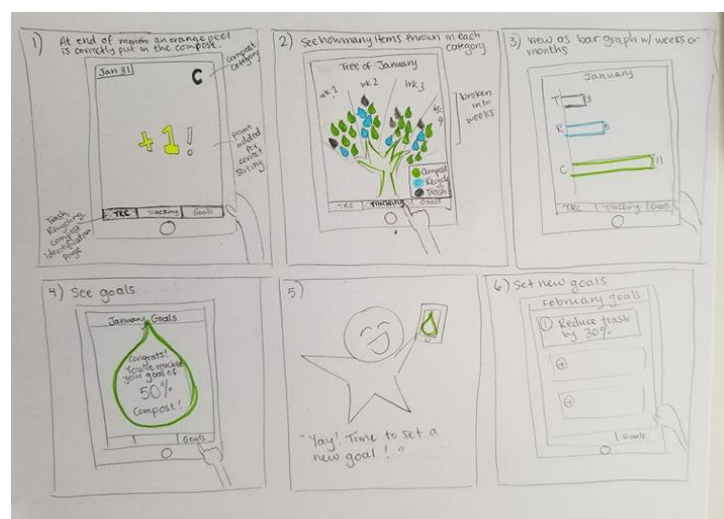


Displays trends in Trash, Recycling, and Compost

DESIGN PROCESS



User Research



Sketch/Storyboard



Paper Prototype