



noor ali

design • solutions • stories

Hello! I'm Noor.



I'm an interdisciplinary designer dedicated to crafting experiences that help people make memories - with a feeling, a sound, or unexpected moment that brings delight.

I am focused on the intersection of the natural and technological worlds, and I seek solutions that face towards the future while remaining genuine to the human experience.

contents



RUNON.



bloom



Boba Star



Kick 2 Glow



Others

resume

education

California State University, Long Beach

B.S. Industrial Design, minor in Japanese Language and Culture
2017 - 2021

Hongik University, Seoul, South Korea

B.S. Industrial Design
Study abroad; 2021

skills

SolidWorks
KeyShot
Blender
Adobe Creative Suite
Arduino
Processing
Figma

English - native
Japanese - JLPT N3
Arabic - conversational



relevant experiences

Product Designer + 3D Designer

Razor USA LLC
Cerritos, California 2022 - 2024

As a member of the Product Development team, I led end-to-end design and development on two shipped products. I produced CAD models, renderings, and animations used for both internal development and consumer-facing marketing.

3D Designer

Trinity Packaging Solutions
Newport Beach, California 2023 (Contract)

As a contract 3D Designer, I swiftly and independently supported online marketing by producing CAD models and product visualization for a cohesive, on-brand catalog.

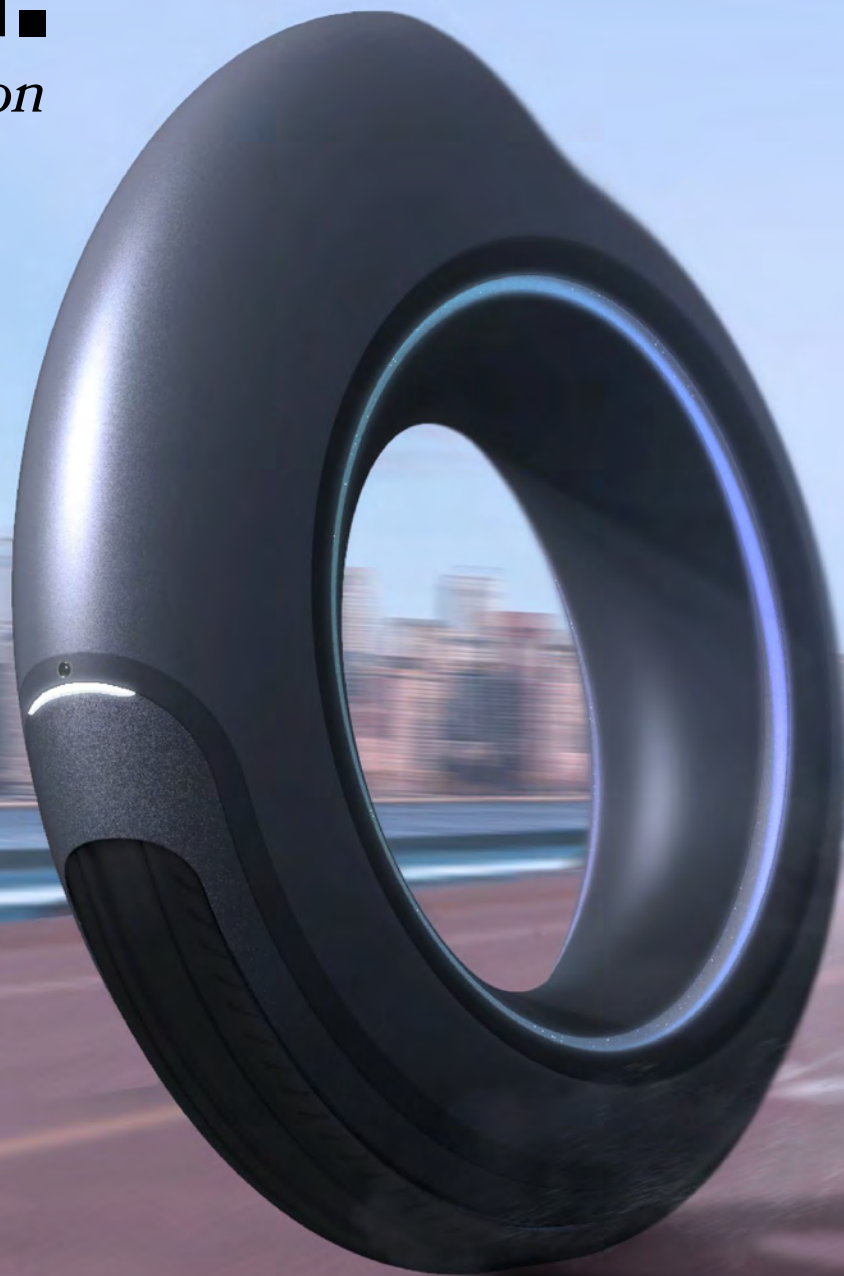
JET Programme- Language Teacher

Mutsu City, Aomori, Japan
2024 - Ongoing

I designed and implemented engaging educational materials to foster cross-cultural connection at more than a dozen public schools and community centers.

RUNON.

smart fitness companion



concept

A pacemaker is a **running partner** who sets the speed and intensity of a race - helping the runner focus, achieve greater performance, and reach their goals.

Runon is a smart fitness device that plays the role of a personalized pacemaker and trainer. It provides **feedback, metrics, and guidance** to help runners get the most out of their exercise.

This project was completed in collaboration with Seung Hwan Ra, Da Young Sun, and You Jin Kim.





development

Various forms, features, colorways were explored and developed upon in multiple rounds of sketching, modeling, and prototyping.



prototyping

A 3D printer was used to validate form choices and to gain a feel for the personality and silhouette of the pacemaker in a physical space.



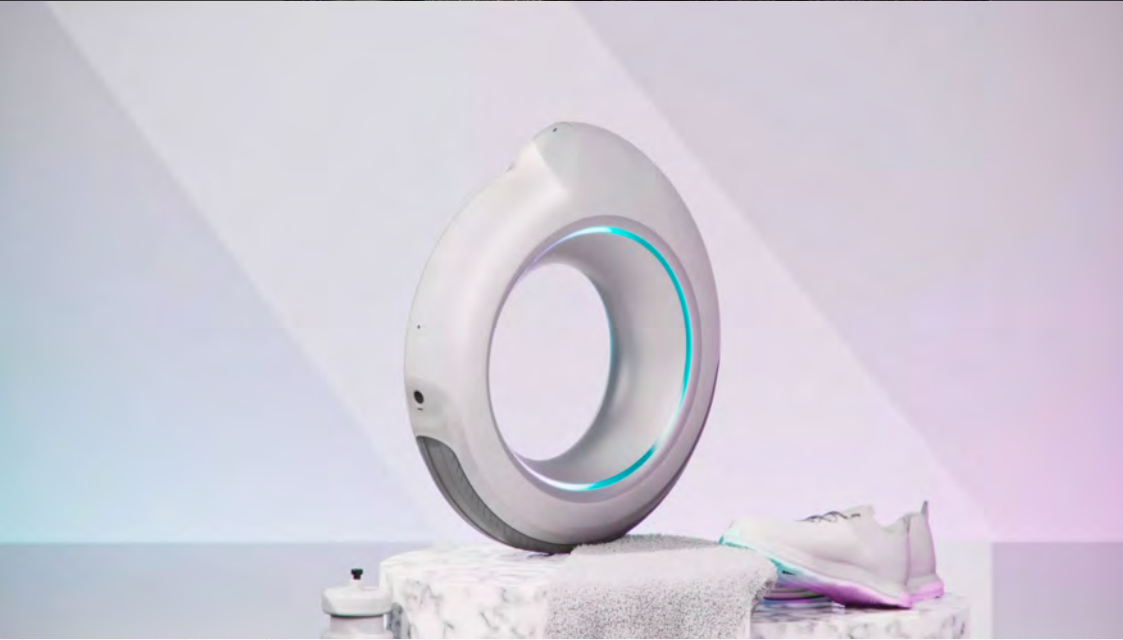


Cameras and sensors assess the runner's posture, speed, and positioning. Feedback and workout information appear on the integrated display.



A high-power projector displays a running pattern before the runner's feet, guiding them to achieve maximum efficiency.







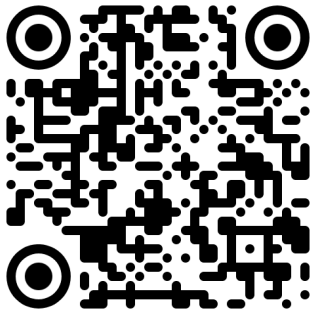
RUNON.

smart fitness companion

Bloom

breathing desk planter





Scan or [click here](#) to see the planter move!



concept

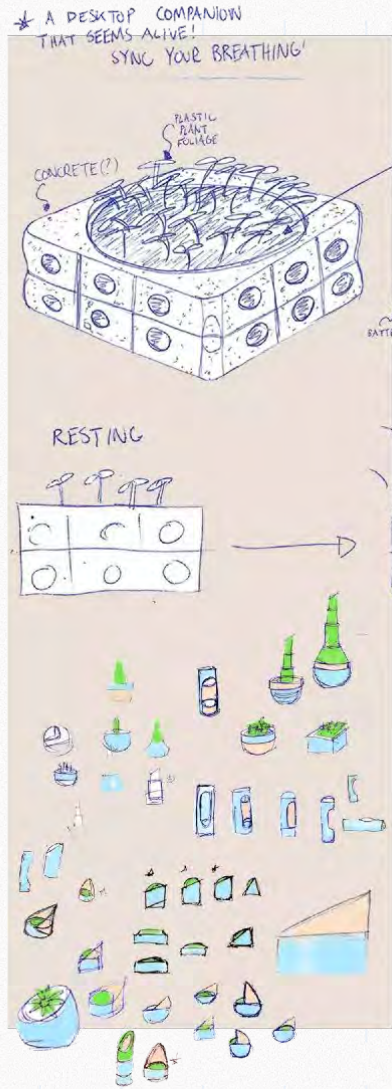
Bloom is a desk planter that calmly [breathes in and out](#).

Sedentary lifestyles have become more common, which can lead to [isolation and feeling out of touch](#) with the surrounding world.

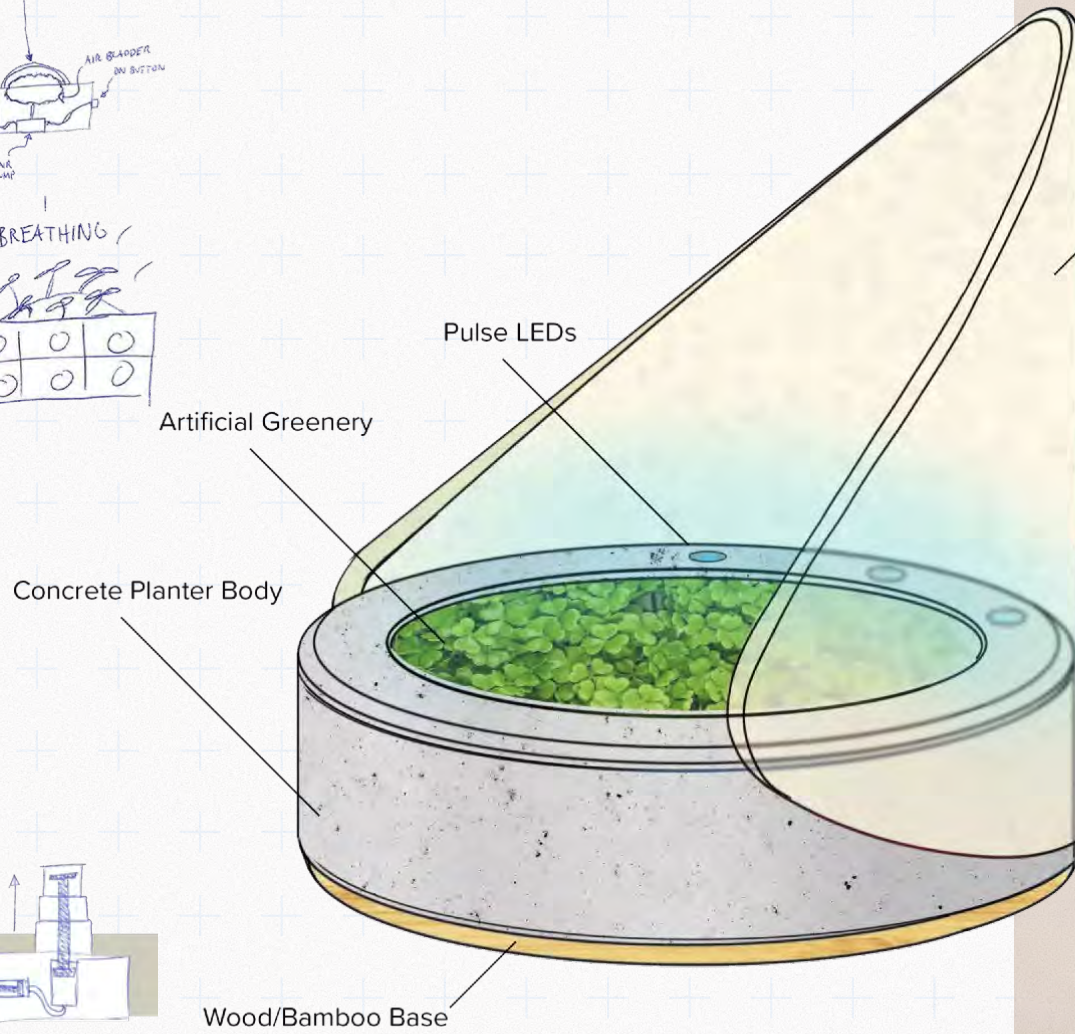
Bloom encourages one to slow down, disconnect, and take a deep breath.



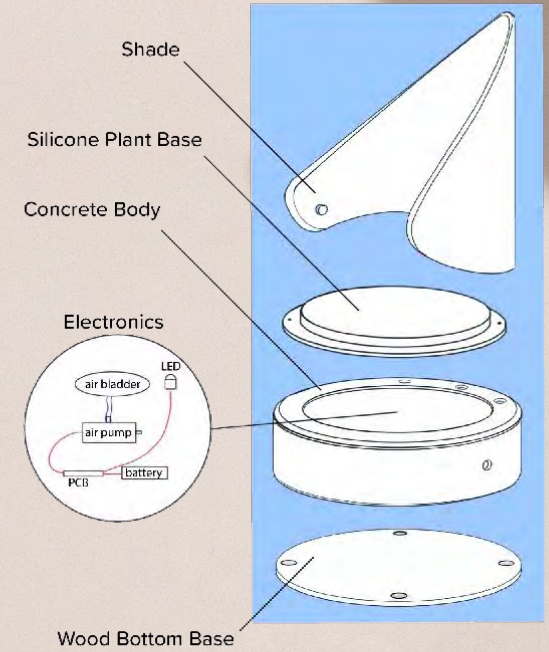
development



Organic shapes and warm materials such as concrete, moss, frosted plastics, and brass create an earthy, inviting atmosphere.

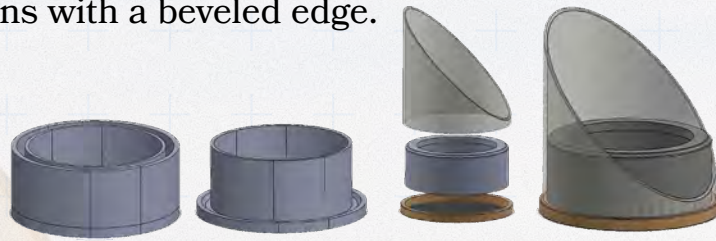


Frosted Polycarbonate/Acrylic/etc.



prototyping

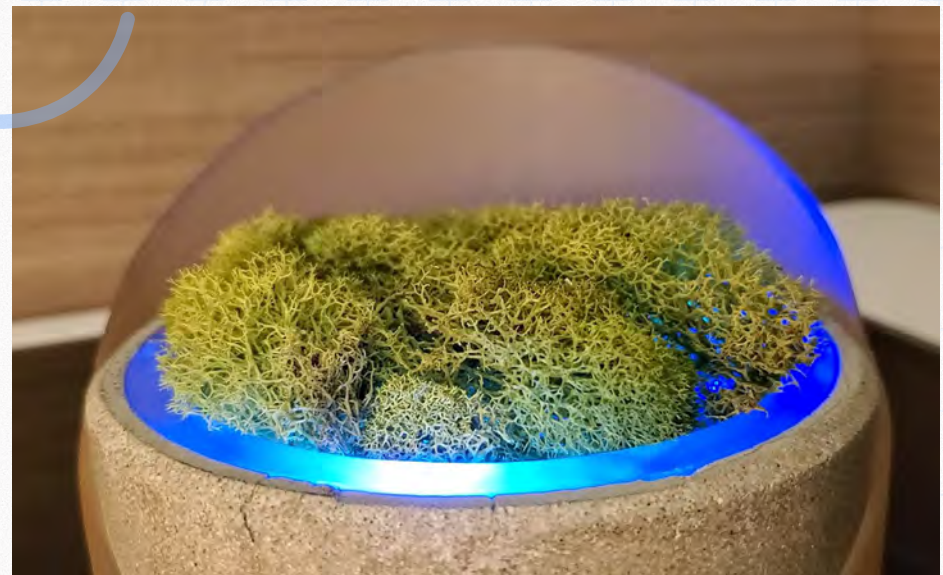
I 3D printed a multi-piece mold to cast concrete to my desired dimensions with a beveled edge.



An Arduino controller inflates a balloon. This pushes upwards on a latex membrane and moves the moss up and down, creating the breathing effect.

breathing

The moss calmly inhales, growing larger. After a few moments, it exhales.



Bloom

breathing desk planter



Boba Star

recycling rewards system



concept

Boba Star is a sustainability and recycling solution. It is a rewards system that targets the waste generated by bubble tea containers.

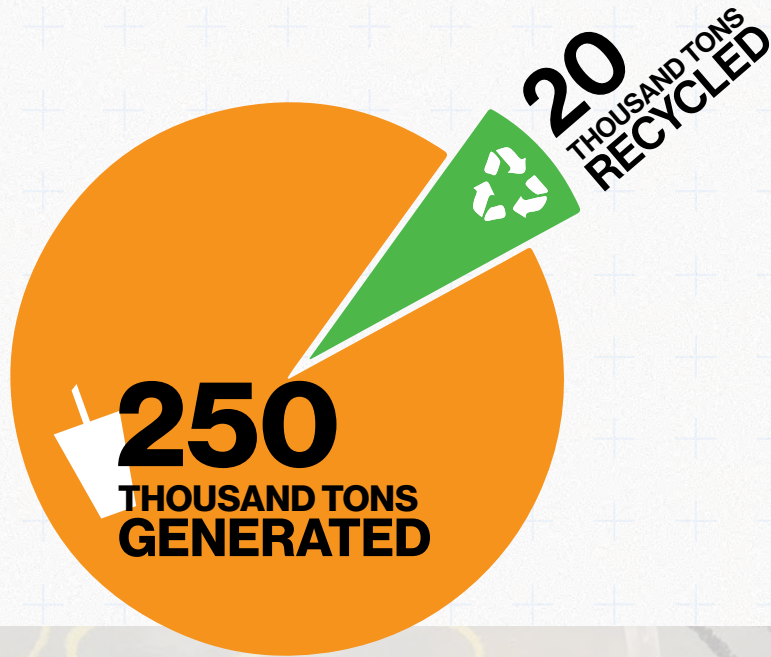
Boba Star encourages consumers to separate the plastics and leftovers by gamifying recycling and offering rewards and prizes.



problem

Less than 10% of polypropylene containers were recycled in 2018. If containers like boba cups are responsibly disposed of, this number could improve.

Cups containing leftover liquids or boba cannot be recycled. Even worse, they contaminate clean recyclables, ruining the entire batch.



Polypropylene containers recycled in 2018
U.S. Environmental Protection Agency



proposal



Users sign in with a phone number through the touchscreen interface to earn points by sorting their trash.

Rewards like free drinks or prizes from recycled polypropylene capsules are earned by reaching point milestones.

Trash is separated and sorted into its respective bin. Sensors count each item and award points for each item successfully disposed.



sorting

Rewards points are gained by separating liquids, food, and unrecyclable materials.



First, the polyethylene cup seal and polypropylene straw are disposed of in the first bin.



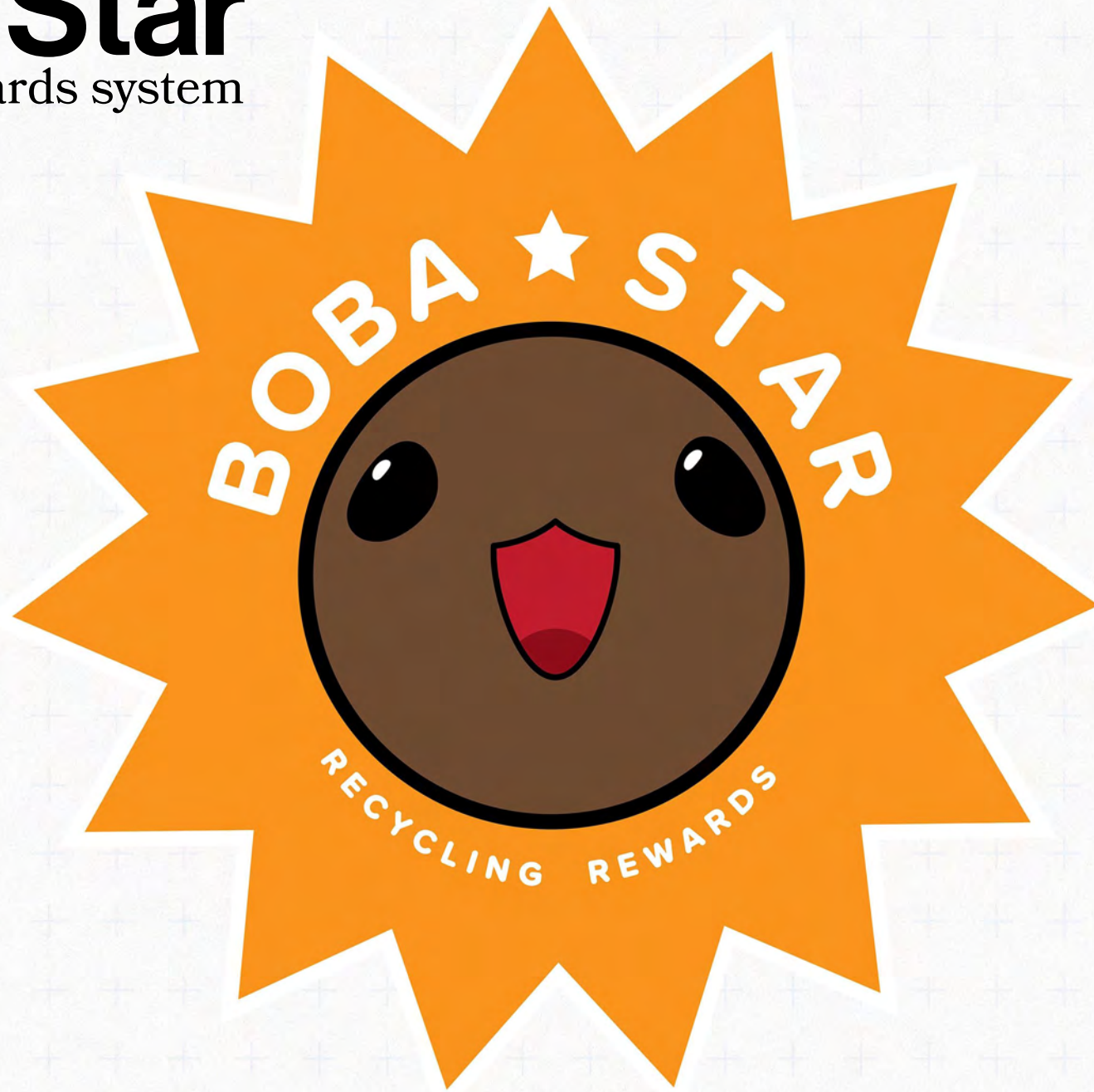
Next, liquids, ice, and toppings are poured into the second, larger bin.



Last, the clean polypropylene cup is placed in the third container.

Boba Star

recycling rewards system



Kick 2 Glow

light-up kick scooter

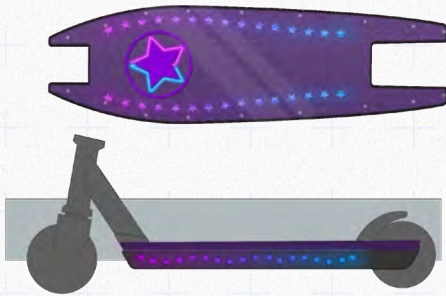


concept

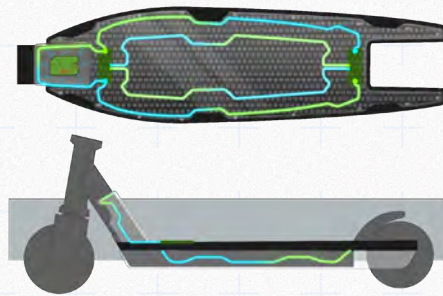
A low-cost kick scooter that lights up without the use of batteries. The faster the rider kicks, the brighter the LED lights shine.



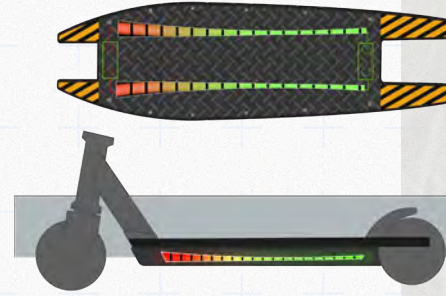
Magic Spell



CyberChip



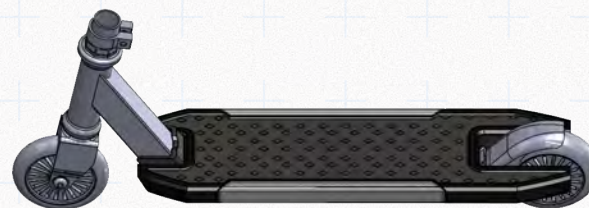
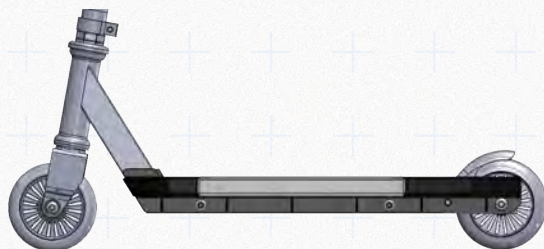
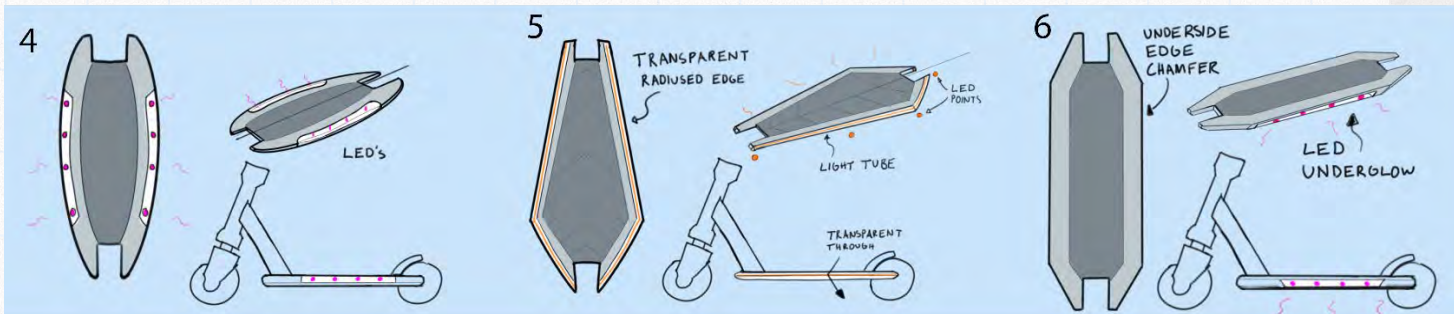
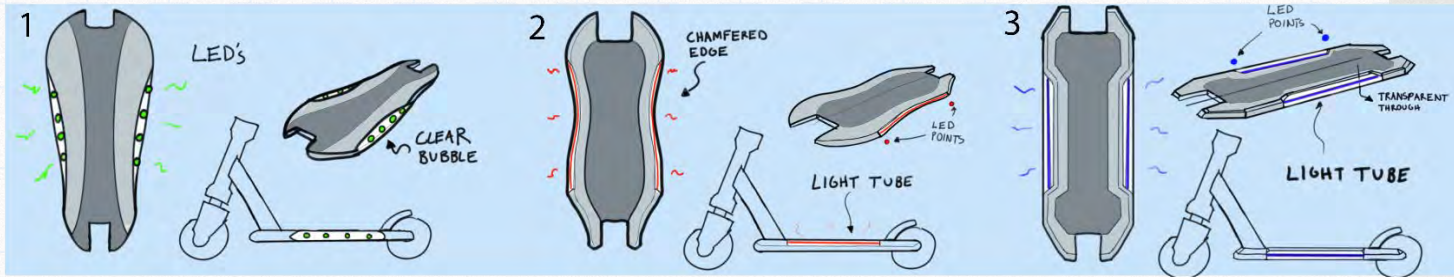
Overdrive

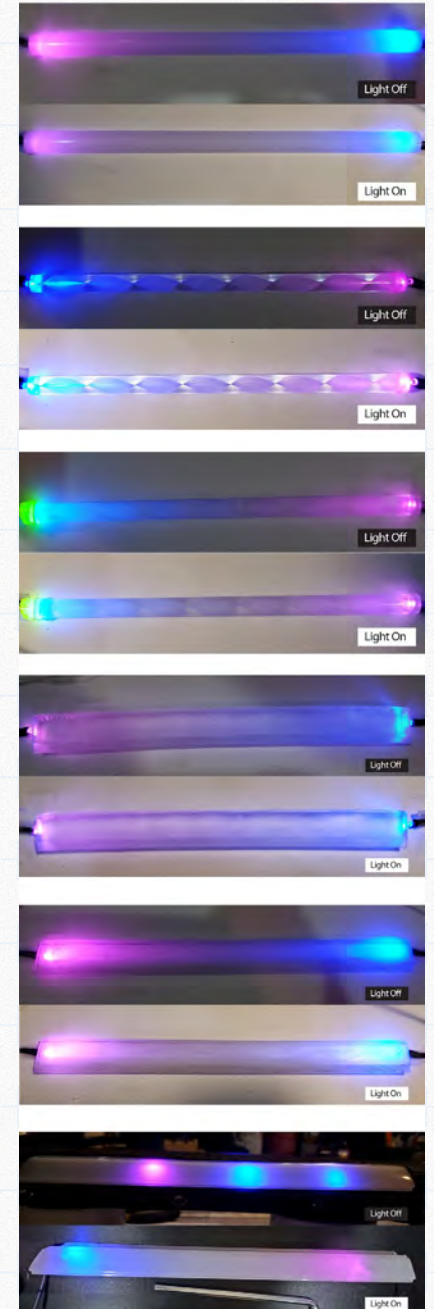
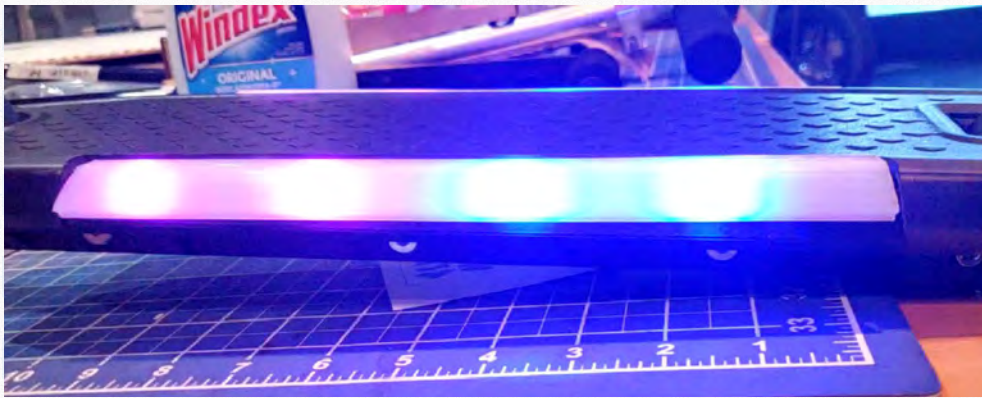
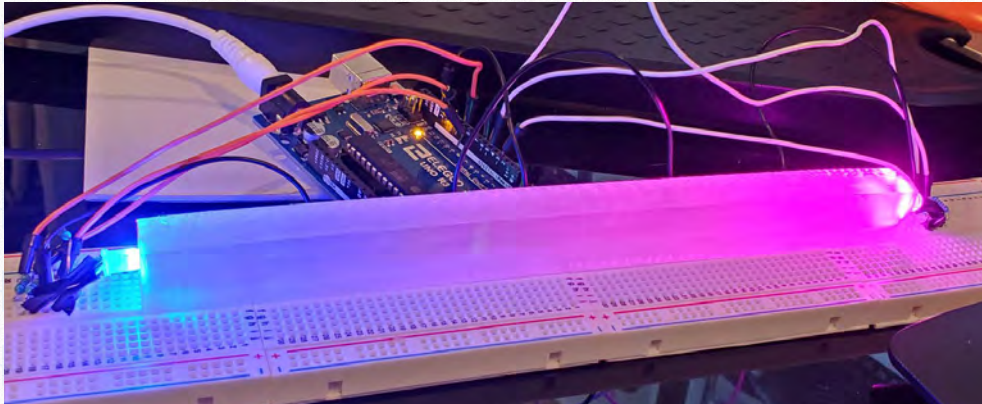


development

I explored various themes, deck shapes, and light features.

Once the concept was approved, I produced a CAD model.





prototyping

I experimented with different plastics and light sources to find the best effect. I used an Arduino controller to quickly test different settings.

To test in-store user interactions, I produced a try-me package mockup.





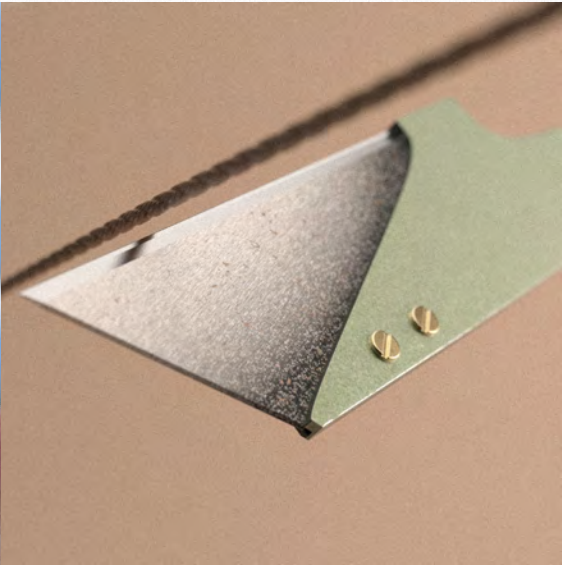
Kick 2 Glow

light-up kick scooter




Others



3D Design, Crafts, Metalwork




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