

DYMO

A COMPLETE AND ADVANCED SOLUTION FOR
THE LAST-MILE URBAN TRANSPORTATION

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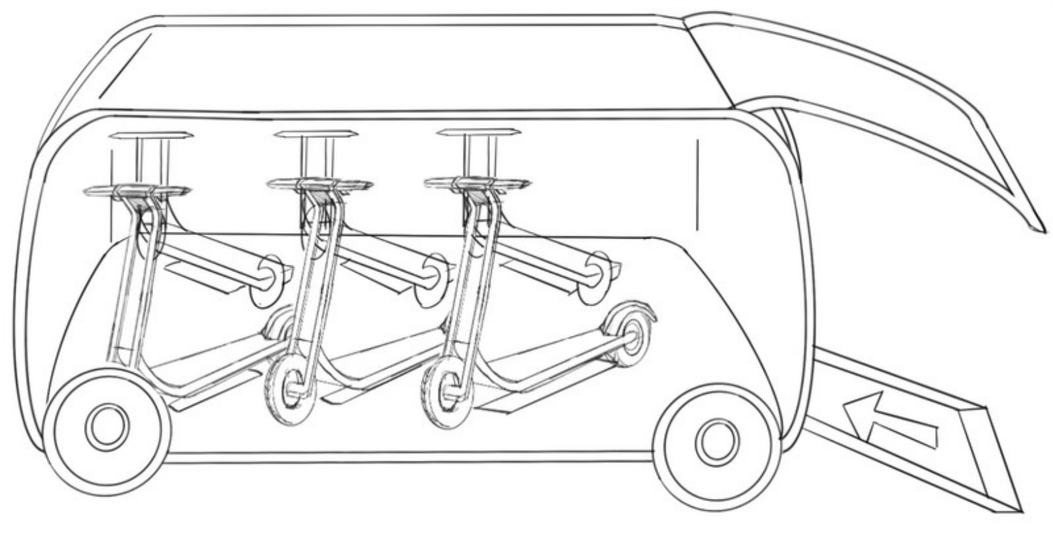
WHAT IS DYMO?

Dymo--a dynamic scooter distribution system that uses an **all-day autonomous electric vehicle network** to deliver and collect scooters for charging and redistribution. Dymo is our vision for the future of public transportation. It aims to improve the efficiency of short-distance commutes, reduce greenhouse gas emissions, and create a harmonious and safe environment. Micro-mobility system is an inevitable component of advanced future transportation.

JOURNEY EXPLANATION



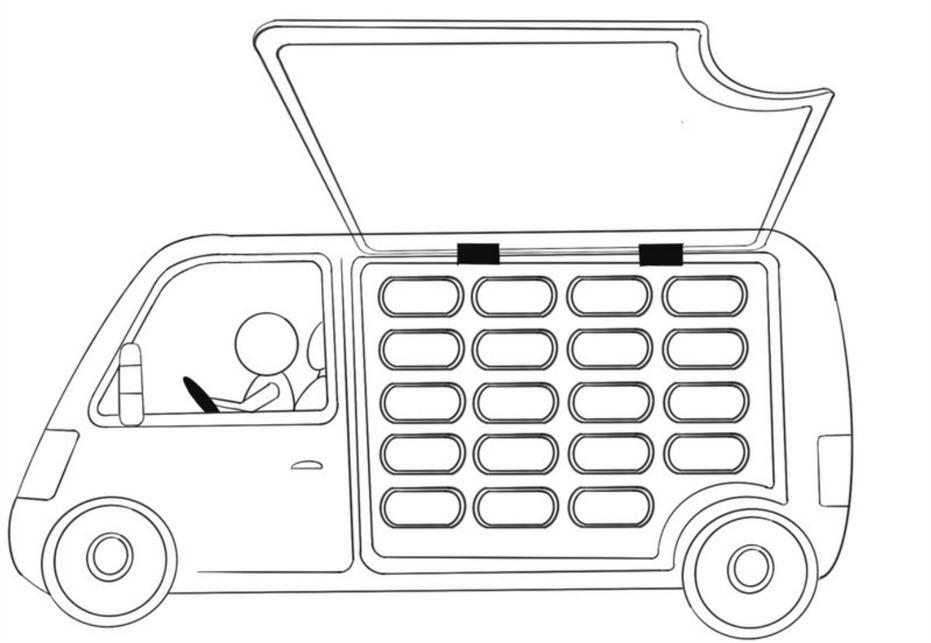
DYMO-V1



Our first solution for the delivery van is **an autonomous electric van**. When collecting scooters, it will open the rear door and let the scooter go to the loading ramp. The scooter can be charged wirelessly inside the van. The distribution of the scooters inside the van is designed for autonomous scooters to easily go in and out.

However, the autonomous driving system is not fully developed yet so a completely autonomous van is dangerous on the road. In addition, the van cannot deal with accidents such as the scooter failing down or broken scooters.

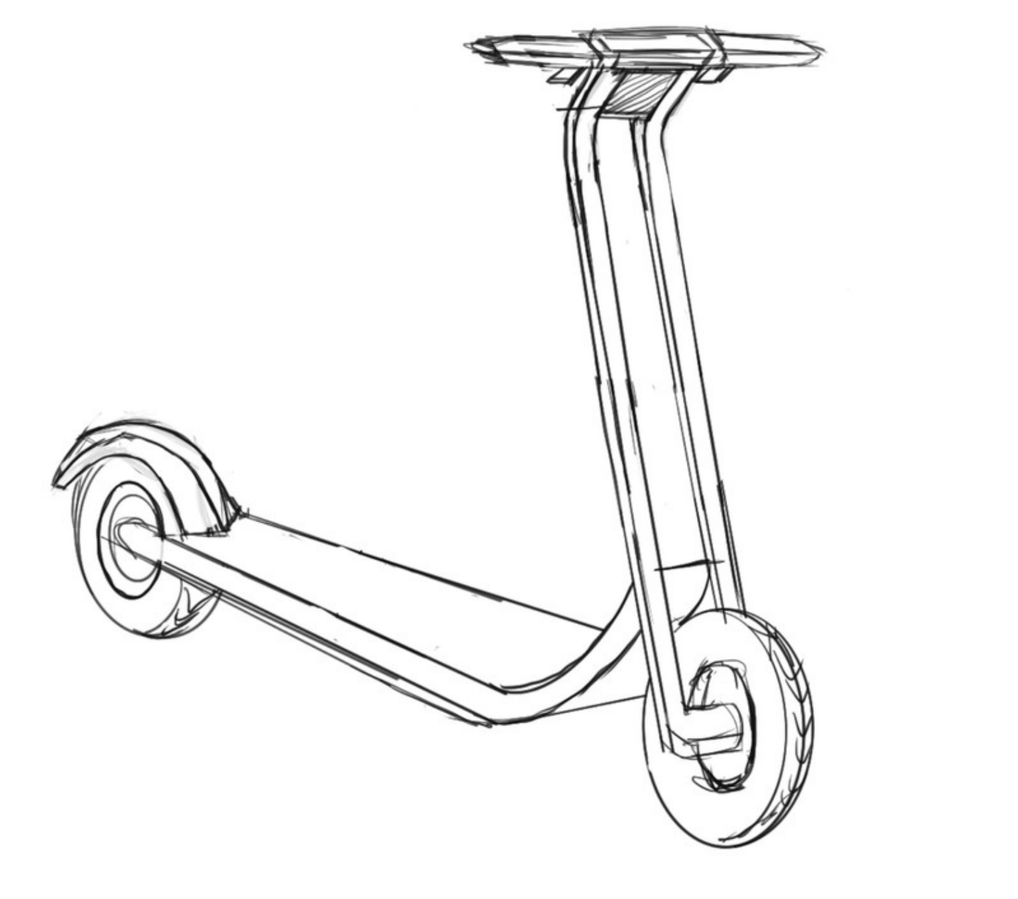
DYMO-V2



By refining and improving our initial idea, we generate a new model with **one driver who is also in charge of taking scooters back to the van's hive storage & charging station.**

In addition, while the van delivers scooters to target customers, it will also collect the nearby scooters on the street base on the algorithm instruction.

DYMO-E1



Two wheels

Easy for manufacturing/maintenance
Save space
Cheap

Hollow Stem

Save materials
Better eyesight

DYMO-E2

Two front wheels

Beginner friendly

Phone stand

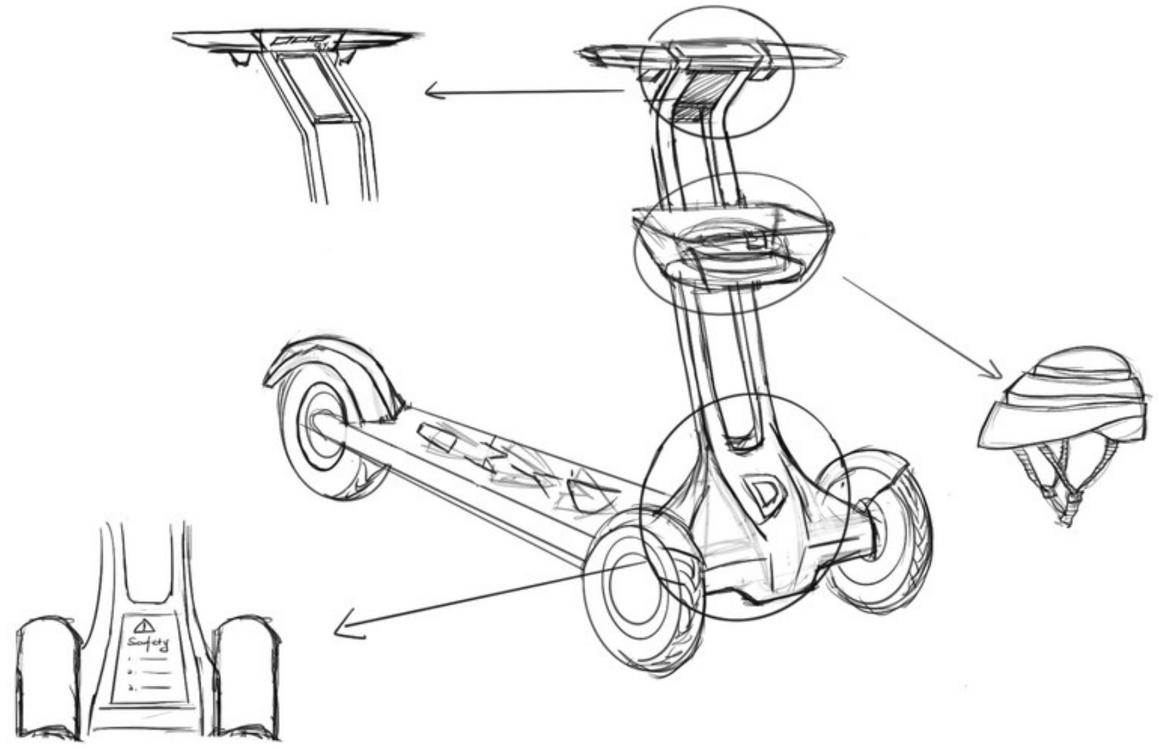
Charge your phone
Map

Helmet and basket

Foldable helmet inside the basket
Unlock to use the basket and helmet
Encourgae the user to use a helmet if they want to use the basket

Safety instruction

Safety instructions on the front of the deck



DYMO-E3

Adjust height

Comfortable for all users

LED light and solar panel

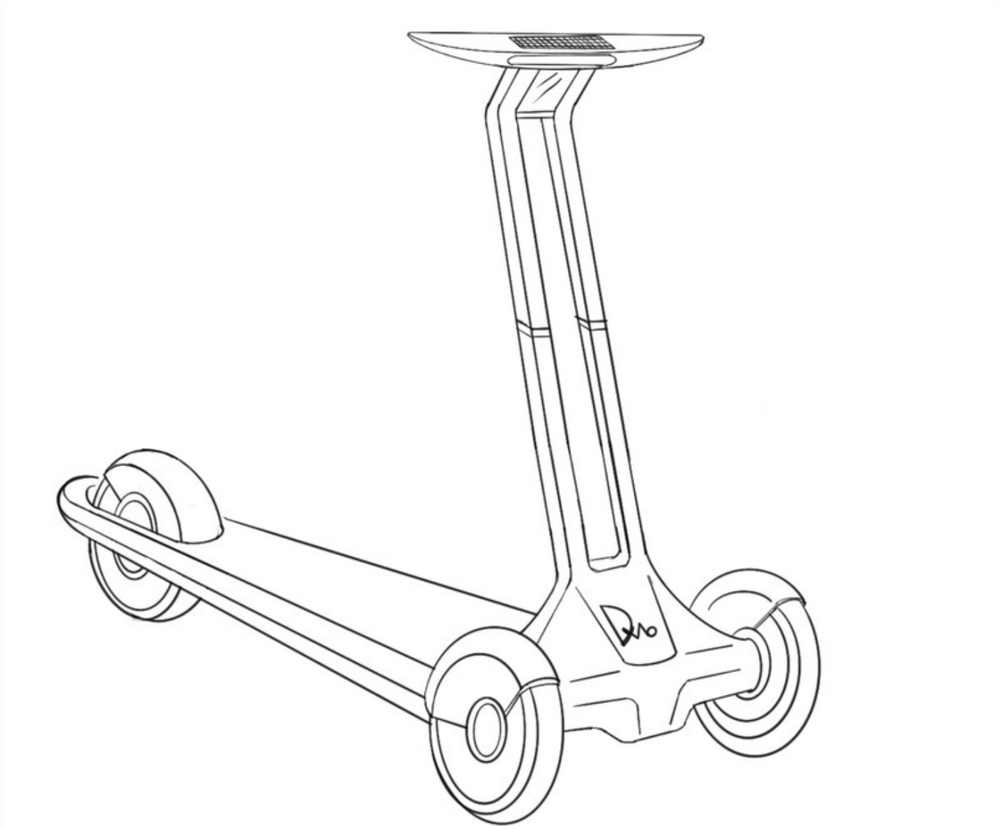
LED light on the side to send signals
Solar energy

Helmet and basket

Move the helmet and basket to the front of the deck

Safety instruction

Safety instructions on the front of the deck

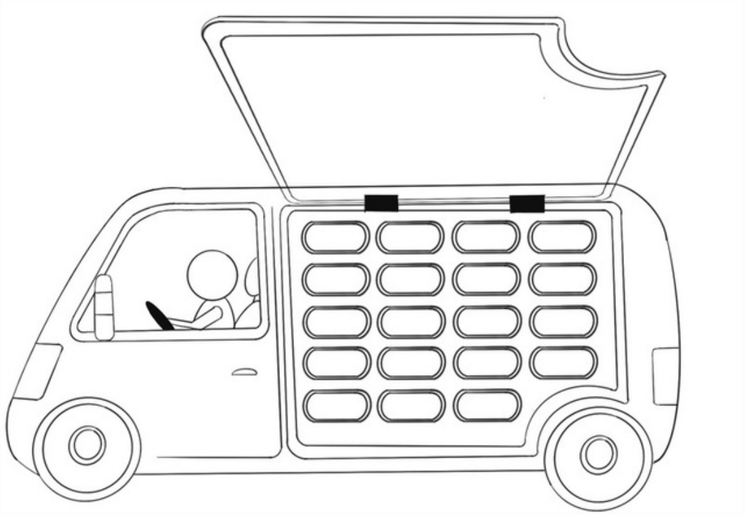


DYMO: APP

Based on the preferred concept, we also create a low-Fi interface as the main touch point for customers.

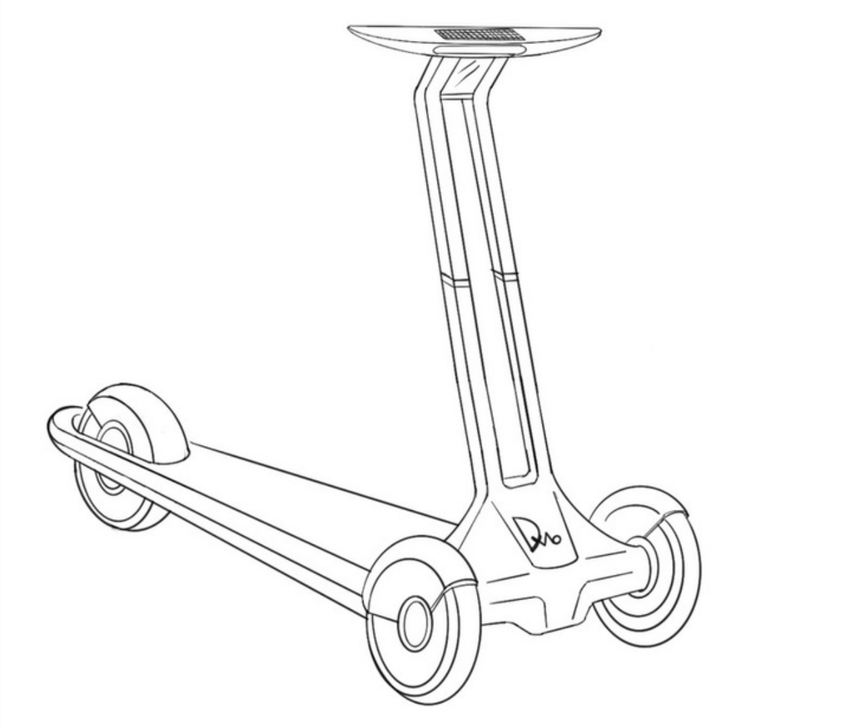


FINAL SOLUTION

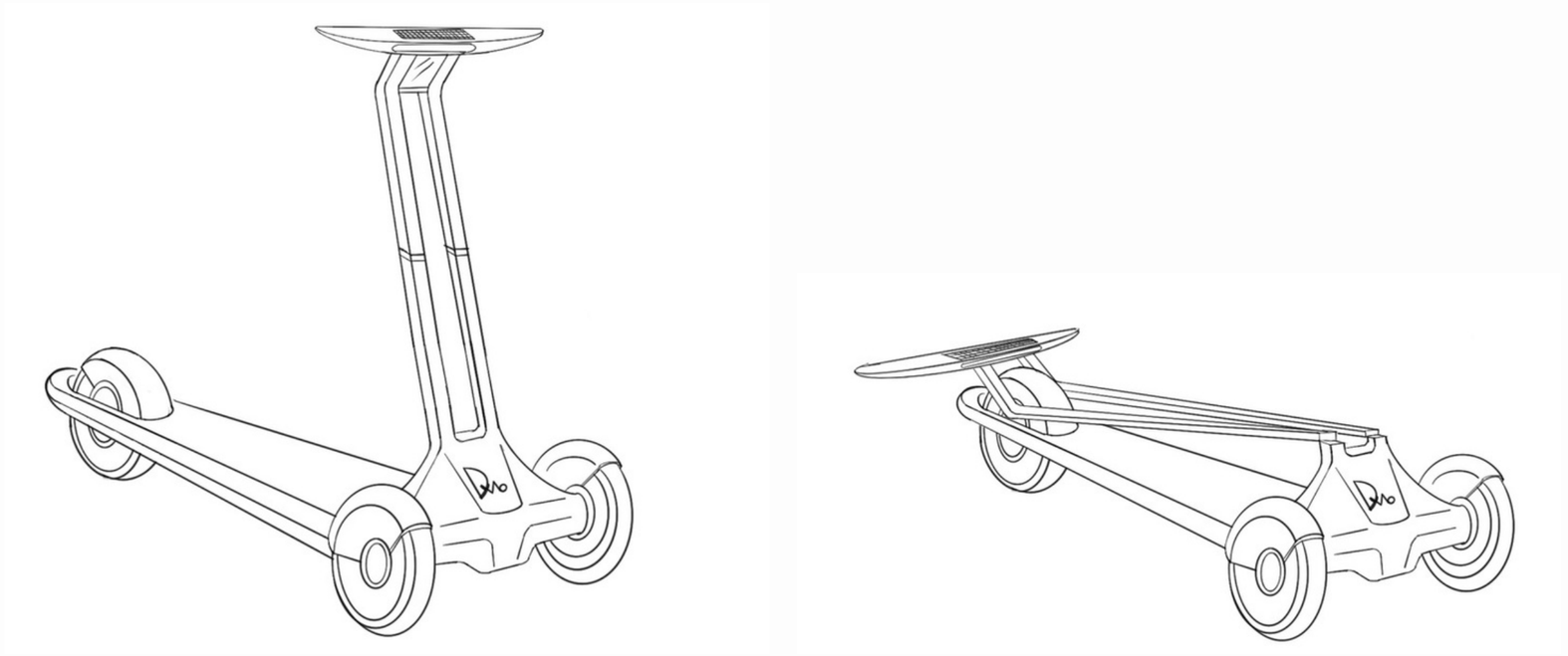


01 Dymo Van

02 Dymo E-Scooter

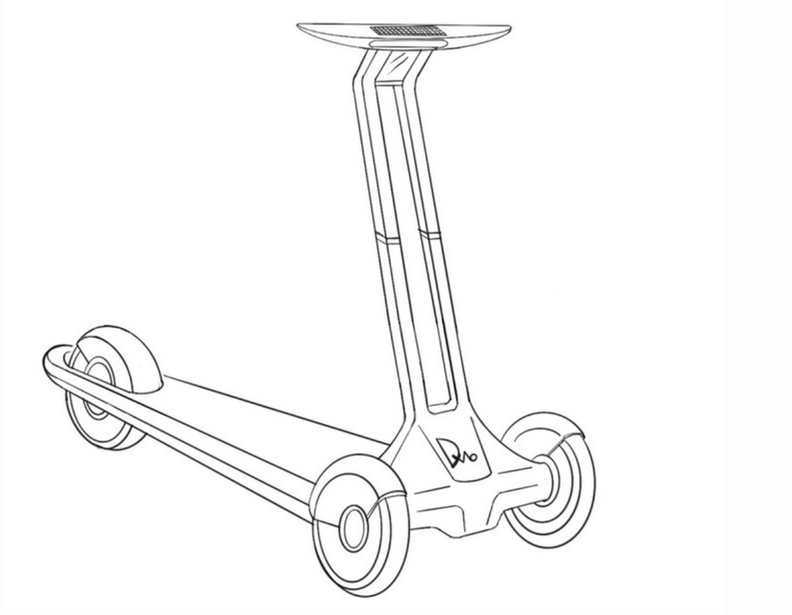


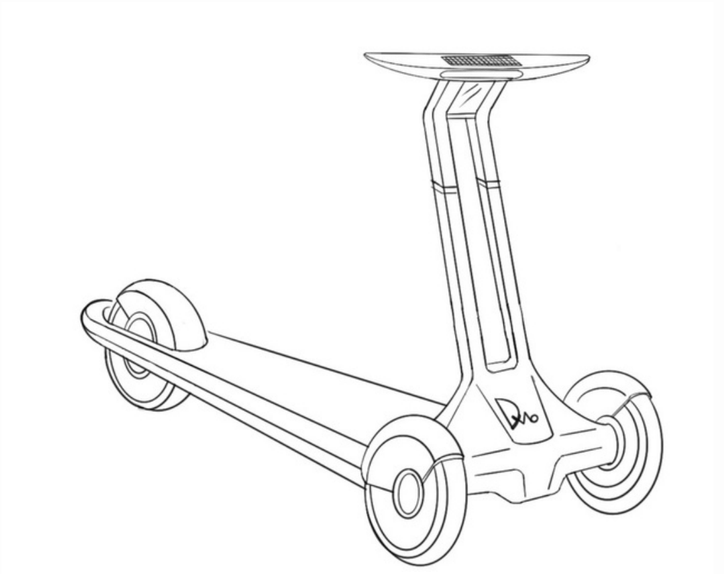
FINAL SOLUTION



Foldable design to save space

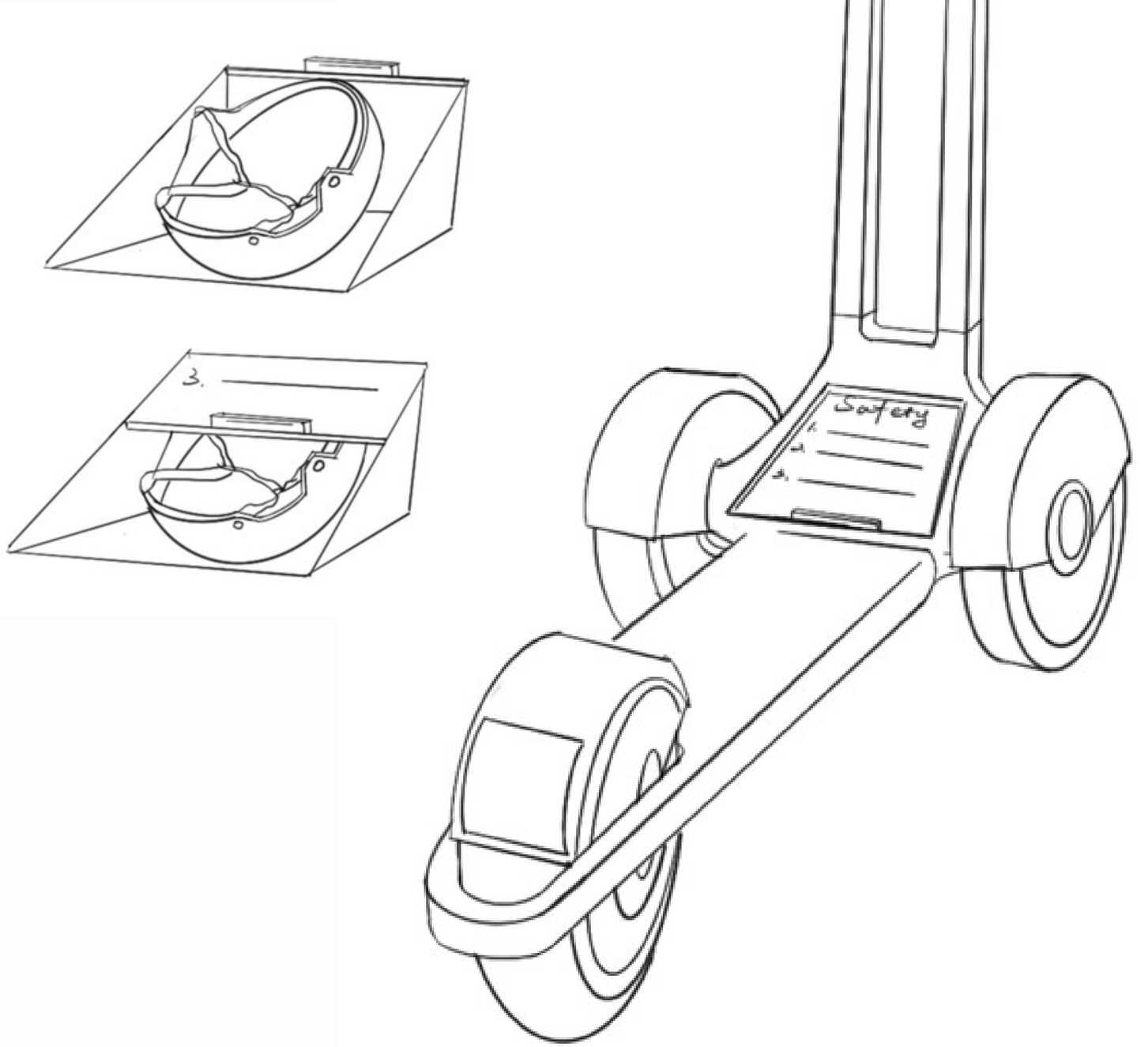
FINAL SOLUTION





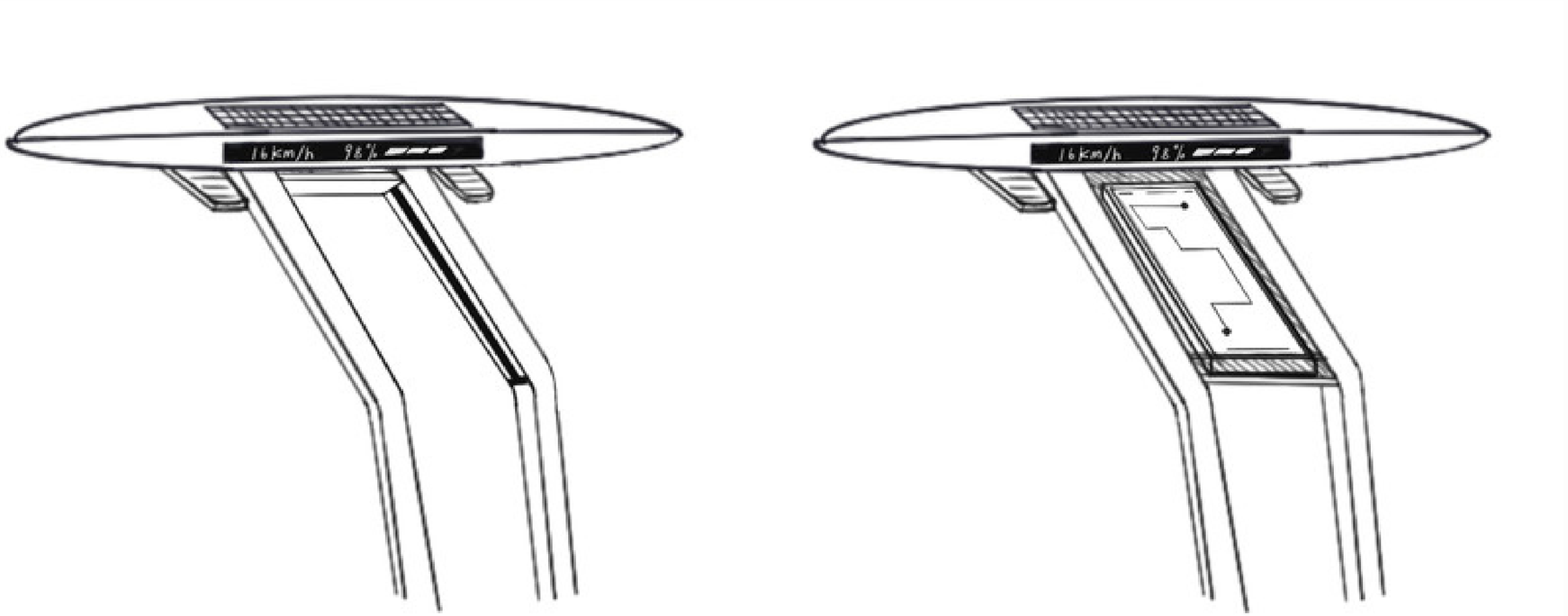
Adjust height for different users

FINAL SOLUTION



Safety instructions and helmet

FINAL SOLUTION



Phone stand and screen

FINAL SOLUTION



Light signal

THANK YOU