The universal multipurpose household tray designed to promote independence while aging in place
IDENTIFYING THE PROBLEM

“Aging in place:” the ability to live in one’s home and community safely, independently, and comfortably, regardless of age, income, or ability level.

MOBILITY
In the household environment- the primary problem is mobility. People have difficulty performing everyday tasks from food prep, to laundry, to cleaning. A simple task such as heating up food from the fridge may be a challenge. Individuals commonly use a walker, or cane for assistance, however one may find it challenging to move items from Point A to Point B while utilizing a walker, rollator, or wheelchair. MODU is designed to assist those who face challenges in mobility; the product is designed to promote independence in the home environment. The ecosystem enables the user in all aspects of daily activity, within the three environments: Kitchen, Living Room, and Bathroom.

INTENT
The intent is to create a universal tray, along with an ecosystem of accessories that is highly modular, and customizable per user for existing products on the market such as the walker, rollator, and wheelchair, because these solutions are widely used. Ideally, MODU and its ecosystem would have its own redesigned walker to further customize the system for the user. We aspire for users to become more independent and confident to complete everyday tasks around the house, ultimately improving the quality of life, and enabling users to age in place.
THE PRODUCT

SOLUTION

EXTERNALS

INTERNALS

The All Purpose
The Hobbyist
The Food Prep
Demonstrating MODU’s experience, capabilities, and environments

This column shows MODU's internals, its potential arrangements, and storage capabilities.

Displaying MODU in multiple home environments.

Demonstrating the process of how MODU would be opened.

ECOSYSTEM

KITCHEN

LIVING

BATHROOM

Entertainment

Chores

Productivity

Food Preparation

Eating

Cooking

Bath

Self-Care

Toilet
Lingrove performance natural materials are bio-based natural composites with low density (lighter than carbon fiber), from are crafted from Ekoa fabrics and prepress are stiff and light with a premium natural aesthetic. These materials offer transformative products and experiences with a better feel, through weight reduction.