

Kuso:

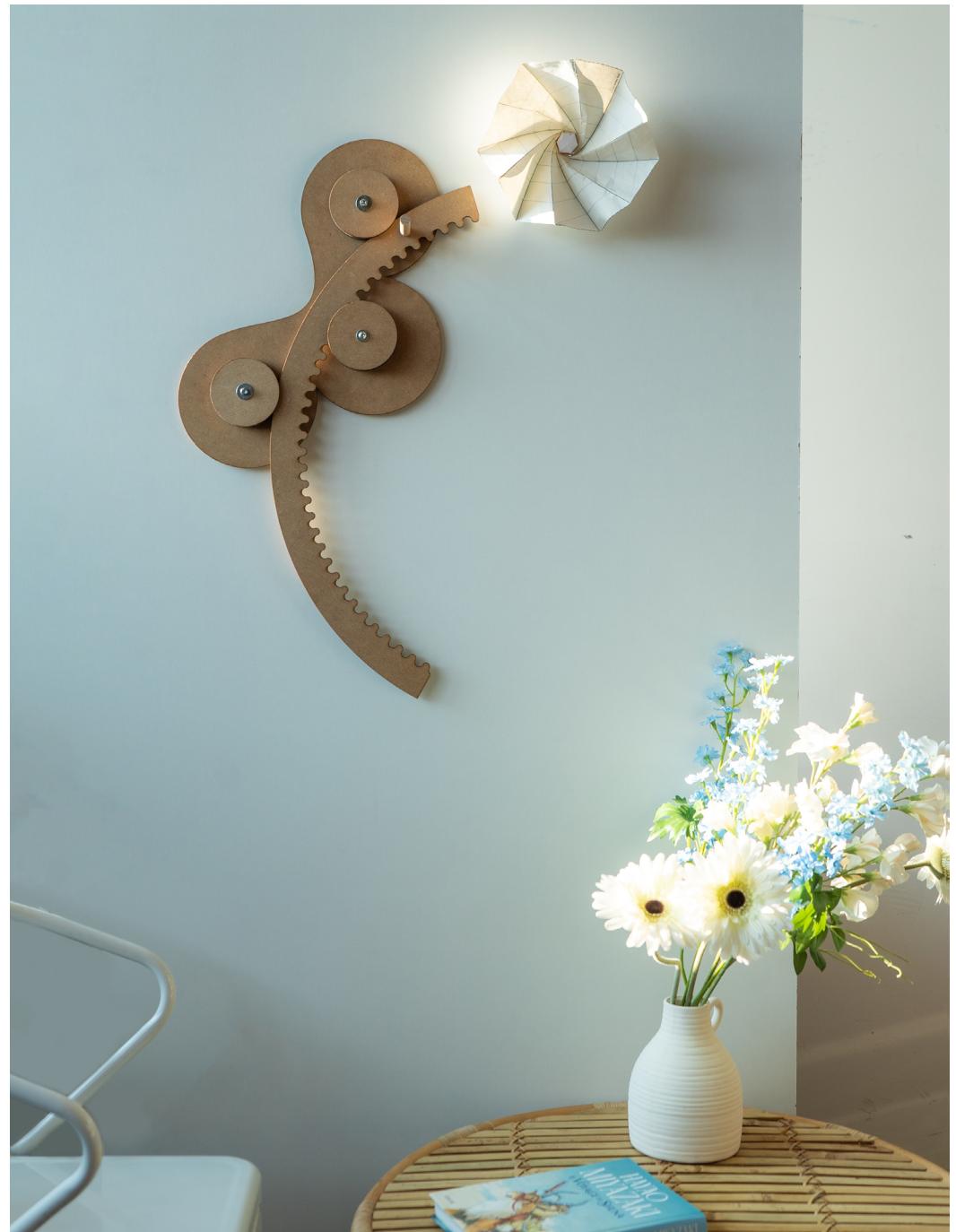
An escape to elsewhere

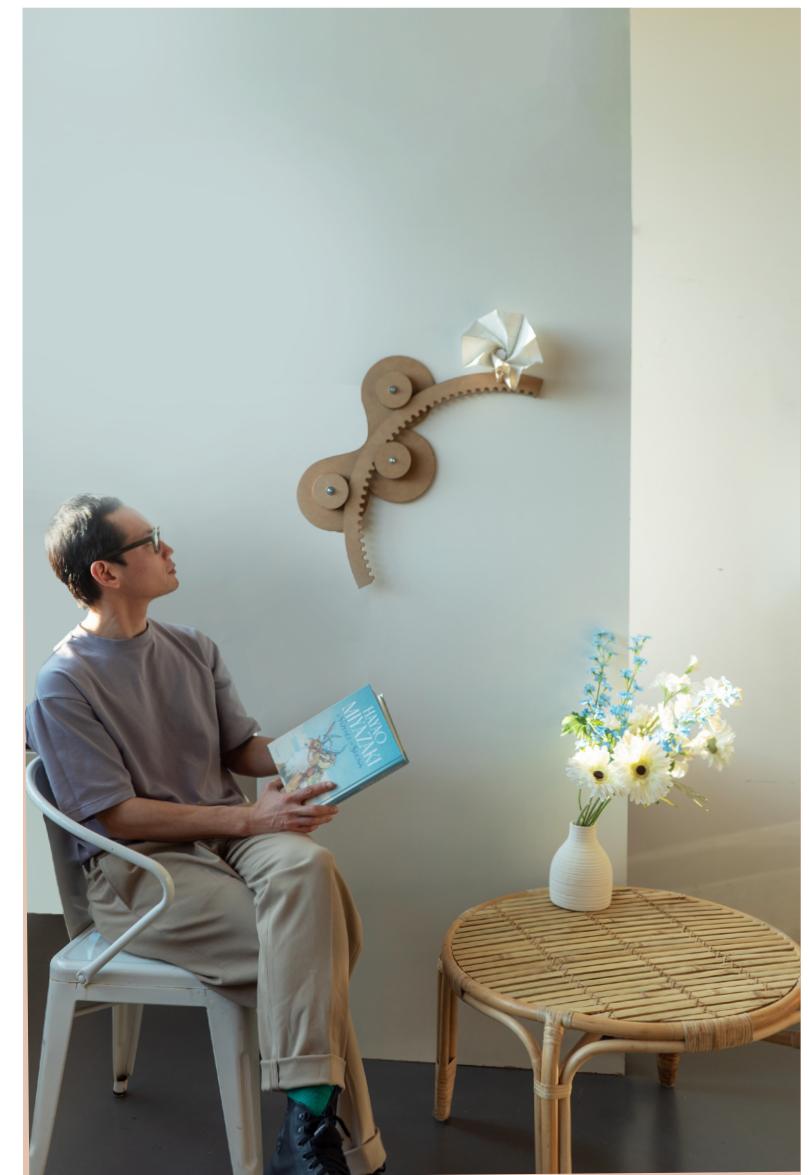
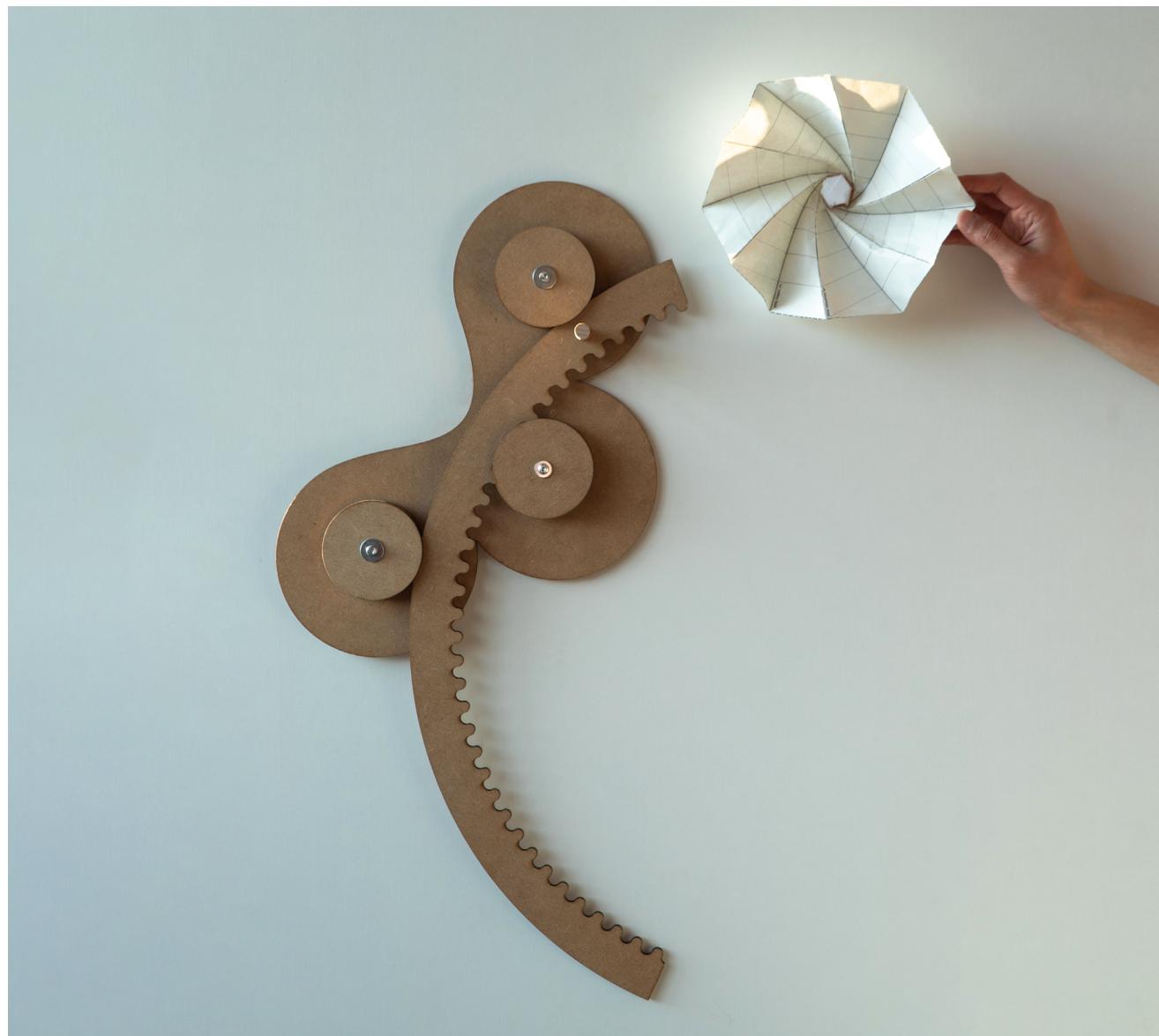
白屋夢
白日夢 梅

Project Description

Kaze is a wall-mounted soft robot that mimics the function of a window as a portal, connecting the inside and outside worlds while offering an escape to elsewhere through movement and sound.

Inspired by the meditative qualities of Japanese windows and ancient weather instruments like sun-dials, Kaze reacts to outdoor brightness. As it folds and unfolds, it produces paper crumpling and rustling sounds, reminiscent of wind and rustling leaves, creating moments of tranquility. Designed for anyone seeking peace and reflection, Kaze transforms observing the outside world into a meditative experience. It rethinks the visualization of weather through movement and sound, offering a soothing, interactive way to connect with nature. Perfect for living rooms, offices, or any space wanting to evoke calm.





User Journey

As sunlight enters, it folds and unfolds like a delicate flower, with the arc moving in sequences. A baguette gently touches the flower, producing rustling sounds reminiscent of wind and leaves.

This interaction invites users to pause and enjoy the moment. Whether busy or deep in thought, Kaze encourages them to stop, listen, and reconnect with the outside world. The rustling sounds and movements serve as a gentle reminder to slow down, breathe, and appreciate the present.



User Journey

Users can approach Kaze, close their eyes, and immerse themselves in a brief «meditative time.» This transforms the simple act of observing the weather into a reflective experience, creating a calming ritual that fosters mindfulness and a deeper connection to nature.

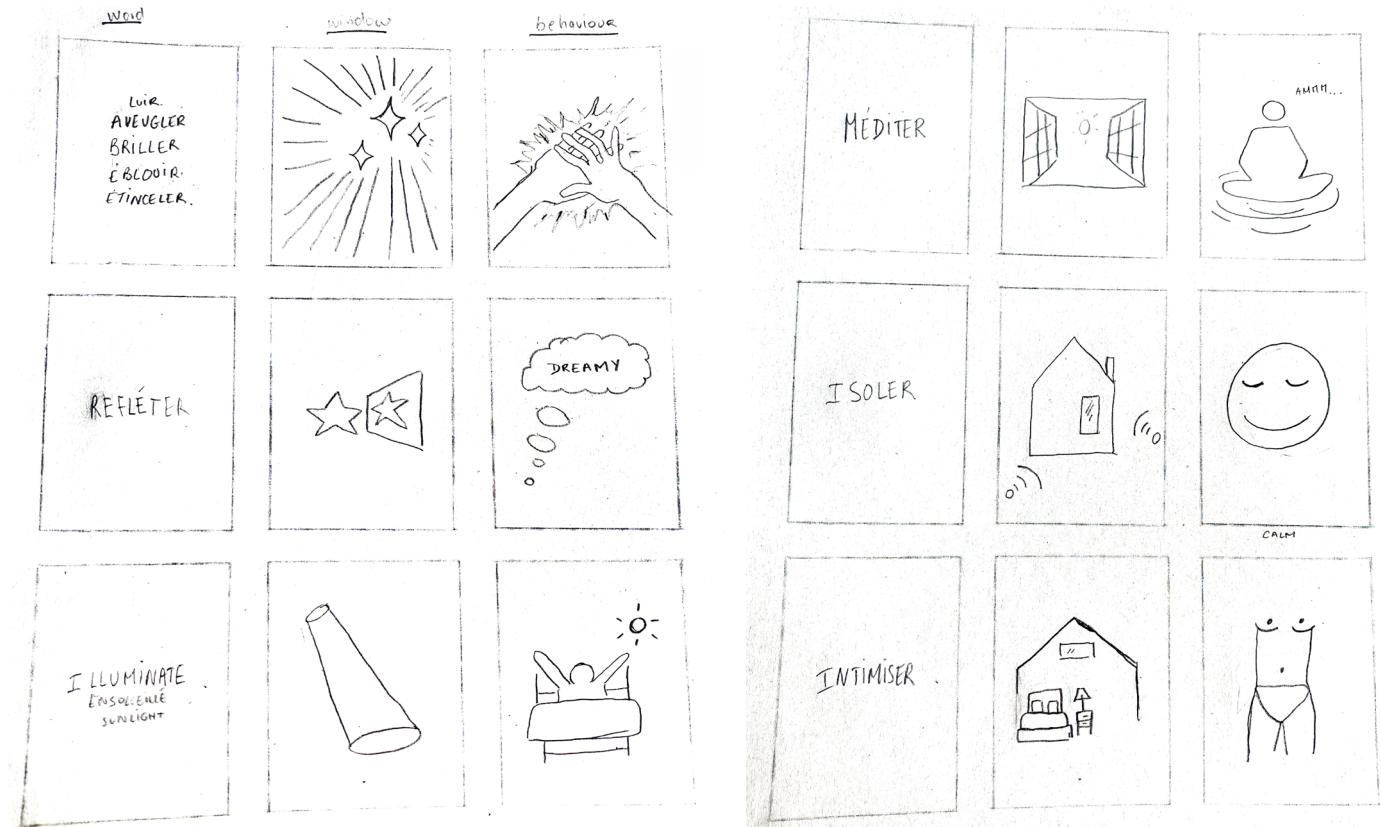
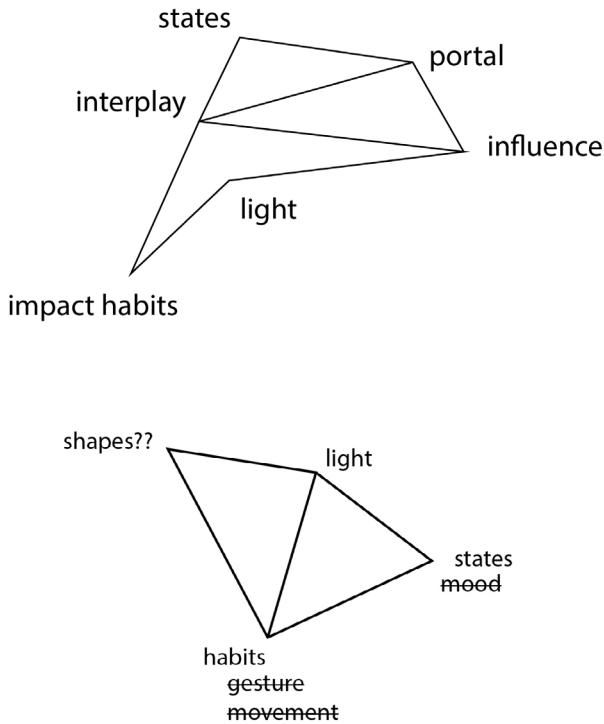


User Journey



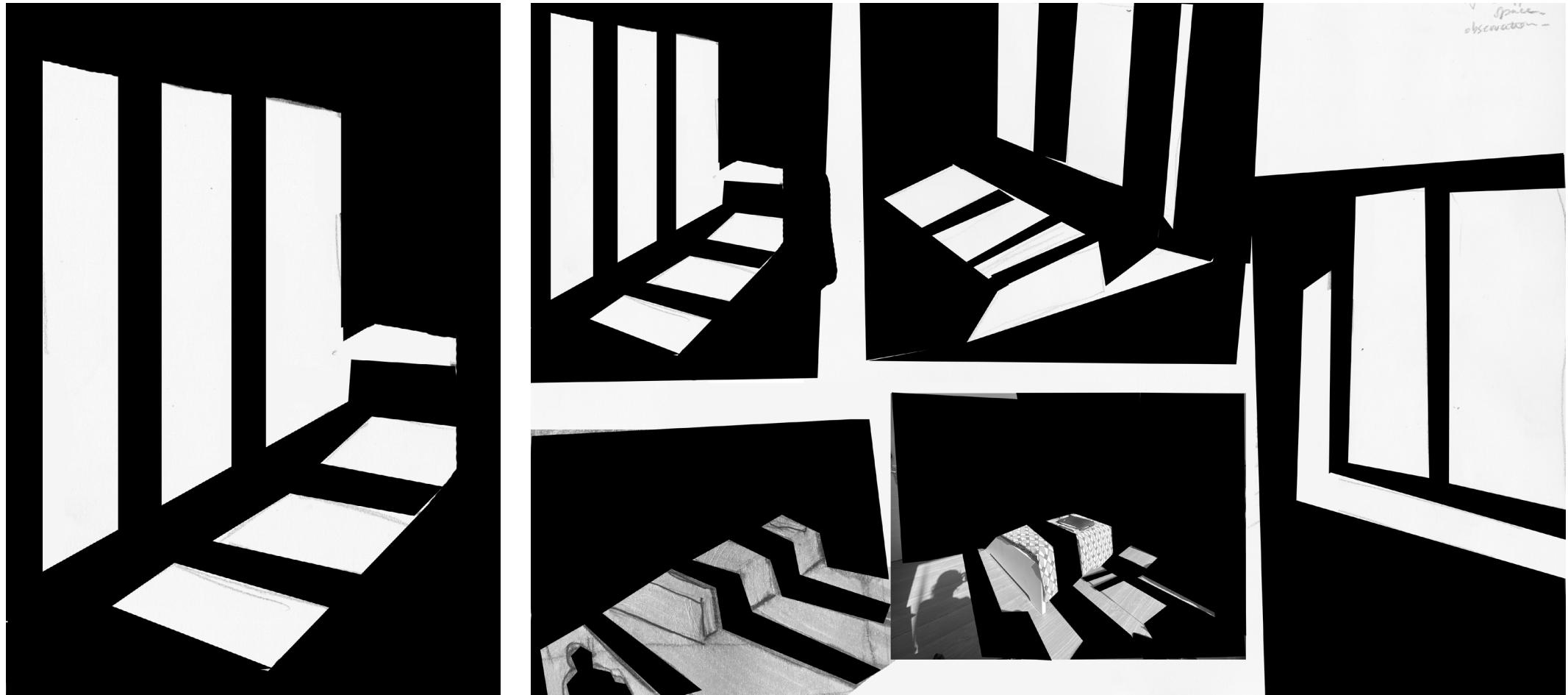
Field observations

In observing my large bay window, I've documented how it influences my positioning, mood, and daily routines, revealing a subtle interplay between light, space, and personal responses.



Field observations

Changing light observations during the day in my bedroom. Which affects my positionning in the room.

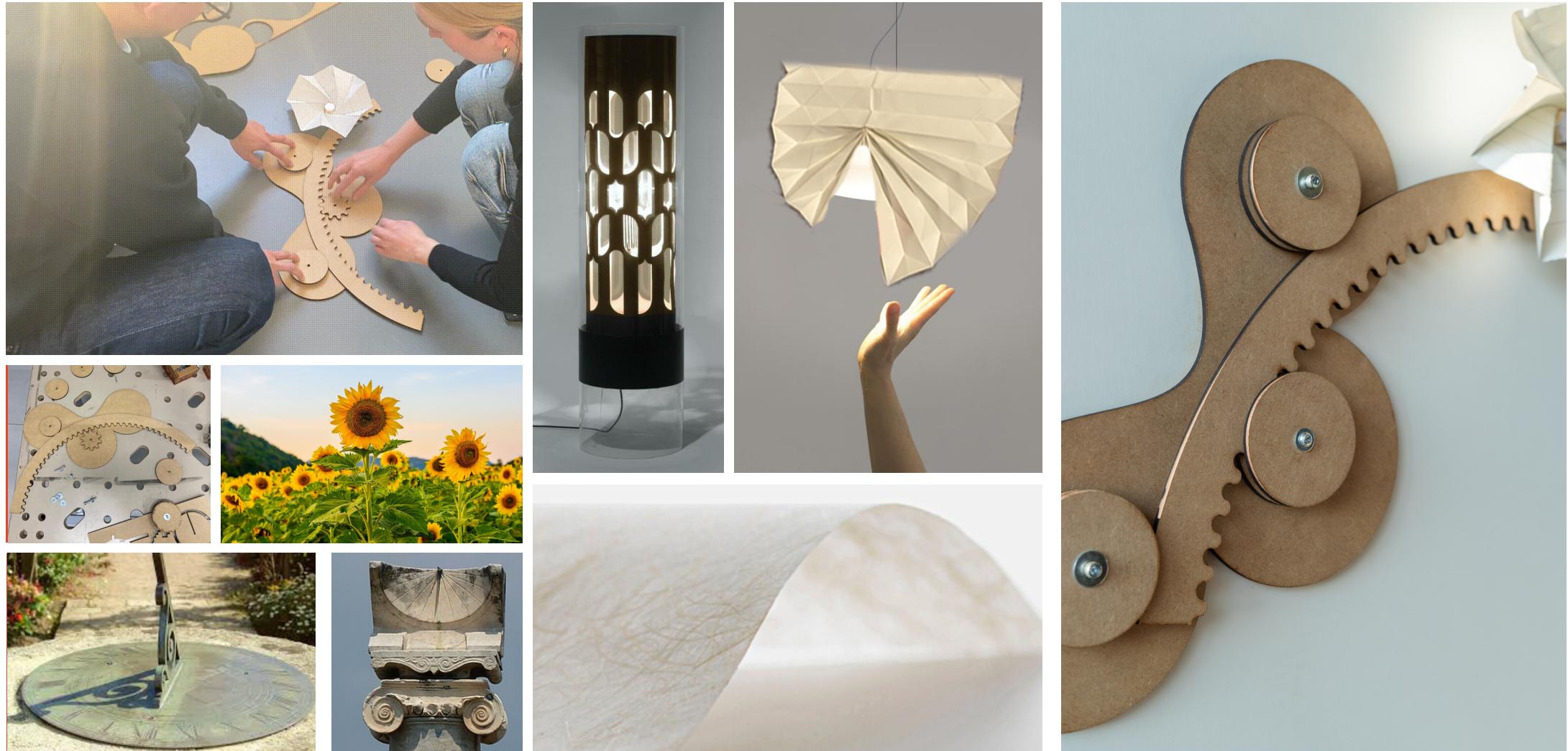


Field observations

My research began by observing how my own window affects my habits and states, which led me to explore windows in other cultures. I focused on shoji windows in Japan, which frame nature like living paintings, encouraging mindfulness and meditation. These windows create a connection between inside and outside spaces, inviting occupants to slow down and reflect. This observation highlighted how windows, through their design, can shape our connection to the world and influence our daily experiences of indoors.

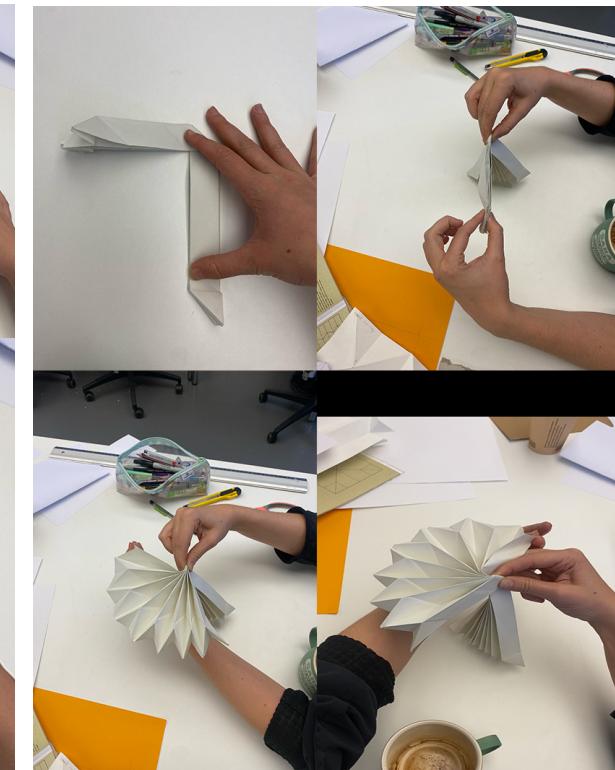
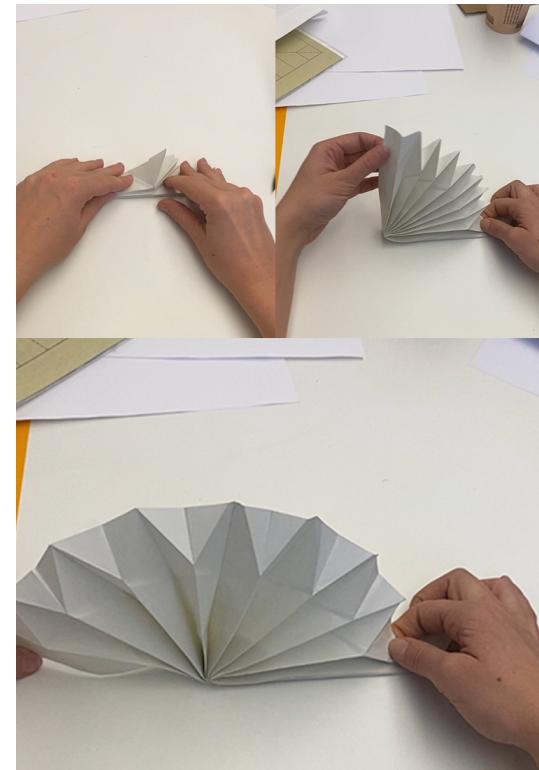


Visual and Material Moodboard

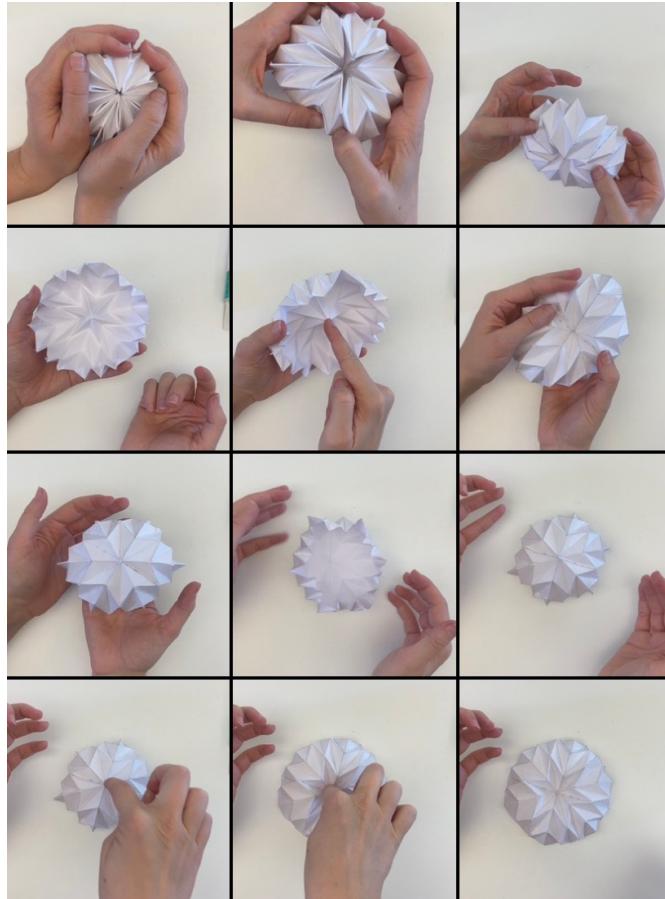
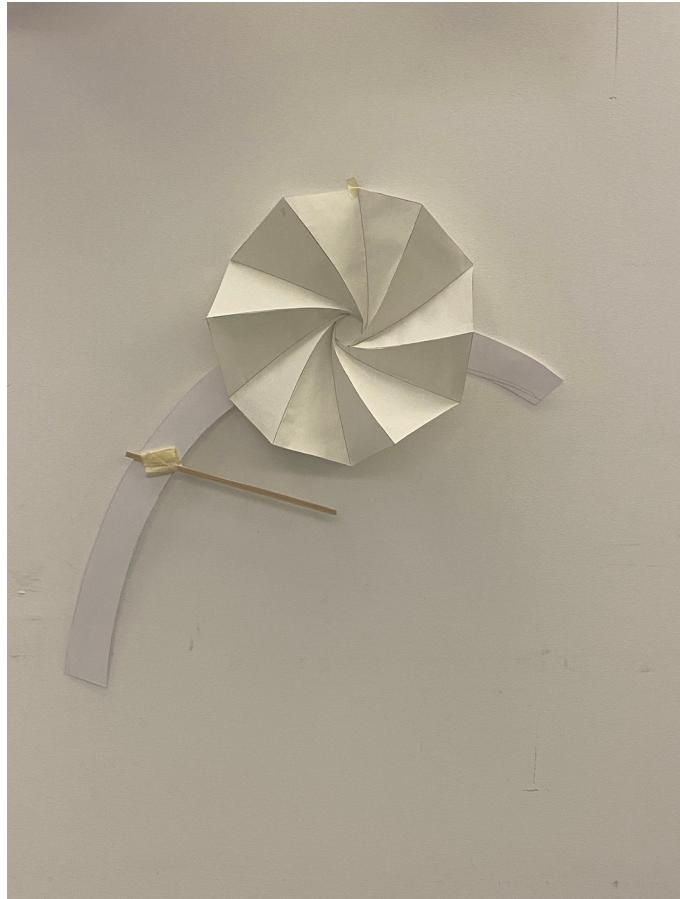


Paper Prototypes

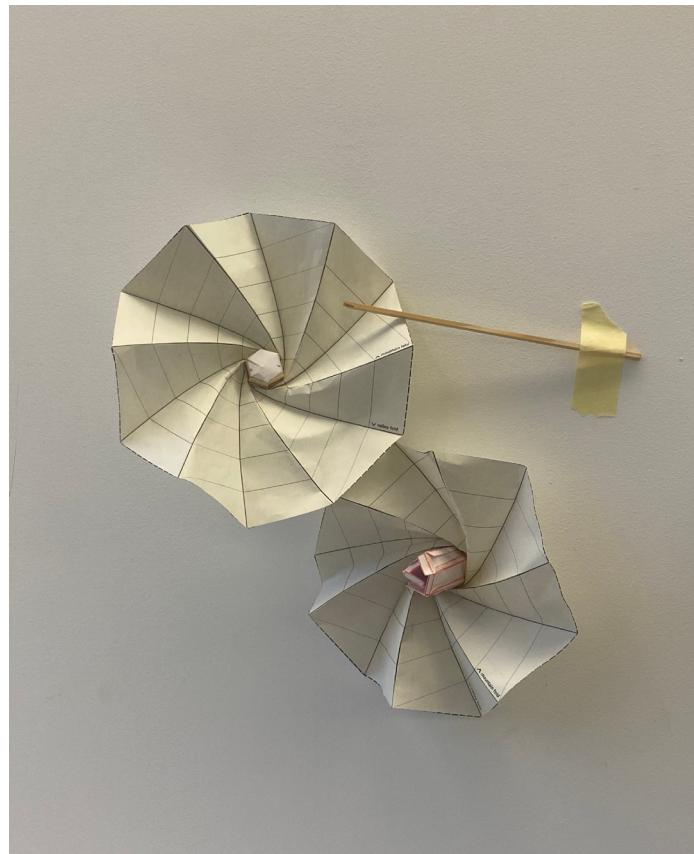
My research in soft robot prototyping explores the qualities of unfolding and opening through various folding techniques, emphasizing scale and how an opening can transport us to elsewhere, like a portal. I experiment with structures that start small and expand to become much larger, offering a possible escape. The folding movements are studied to enable different qualities of opening, while also integrating a sound dimension: the crumpling and rustling of paper evoke the rustle of leaves or the flapping of wings, connecting the interior to the exterior.



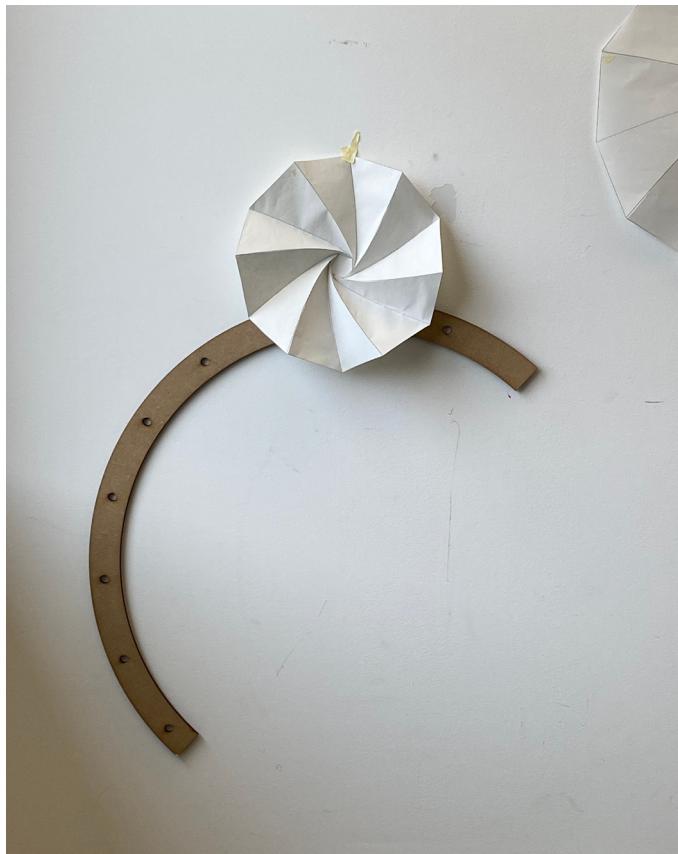
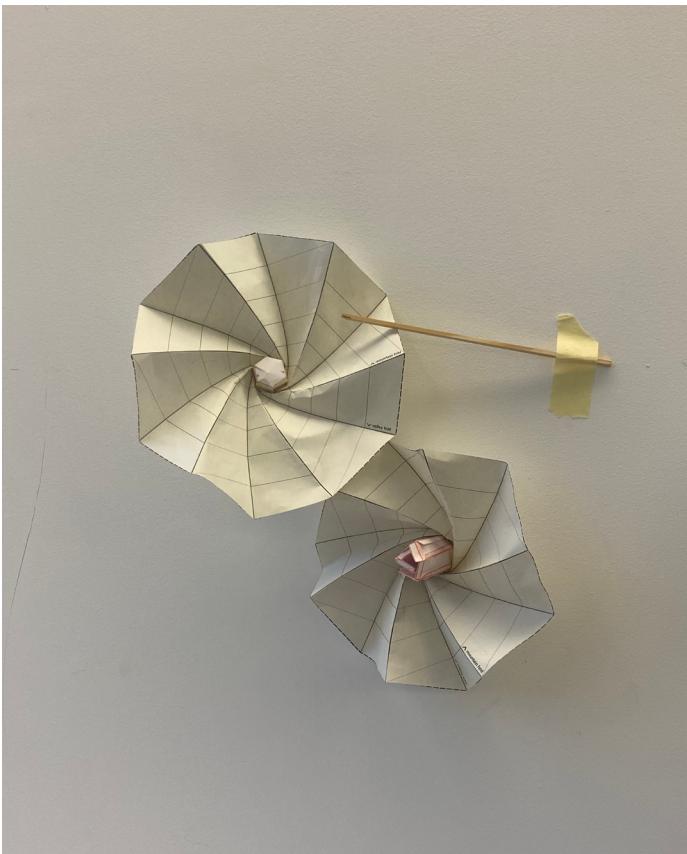
Paper Prototypes



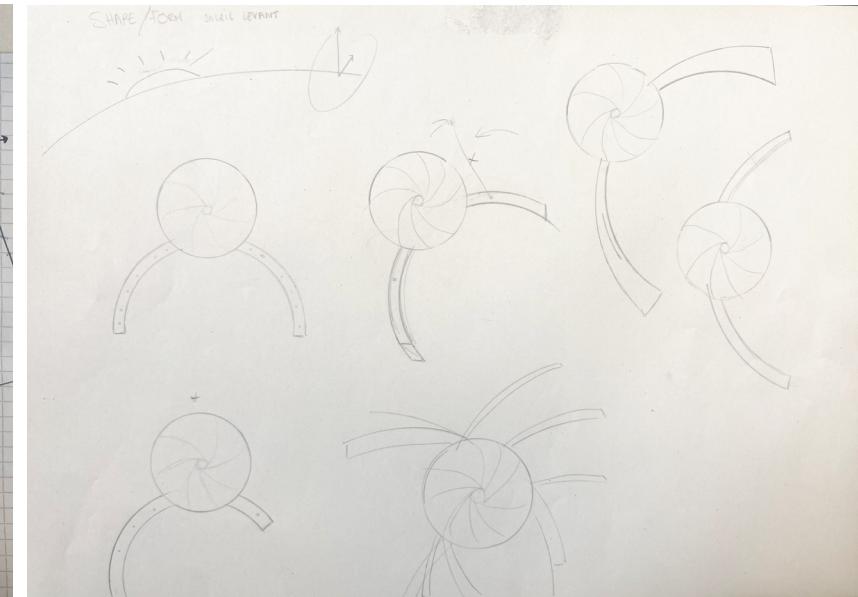
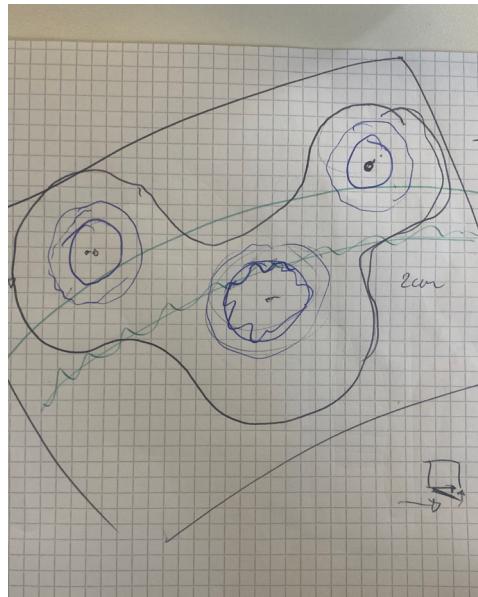
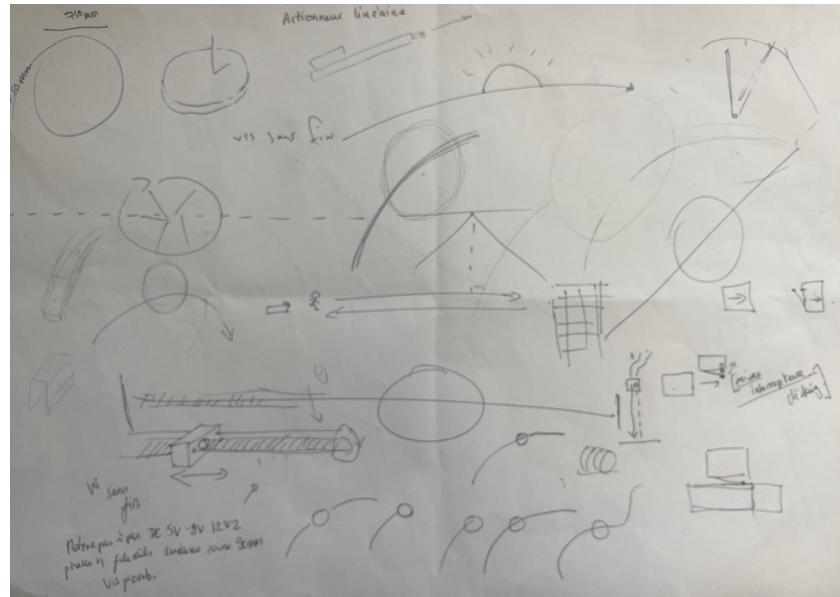
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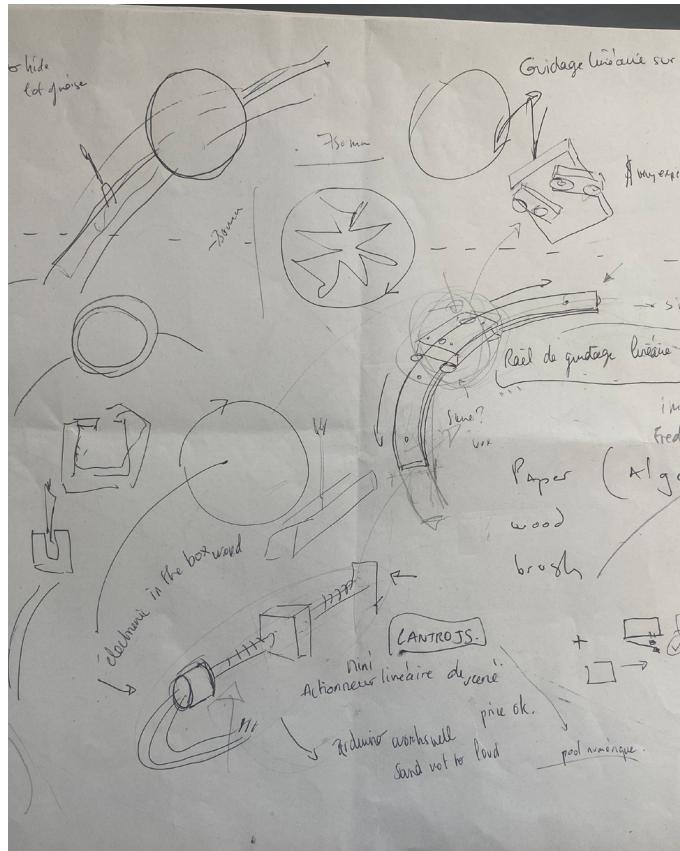
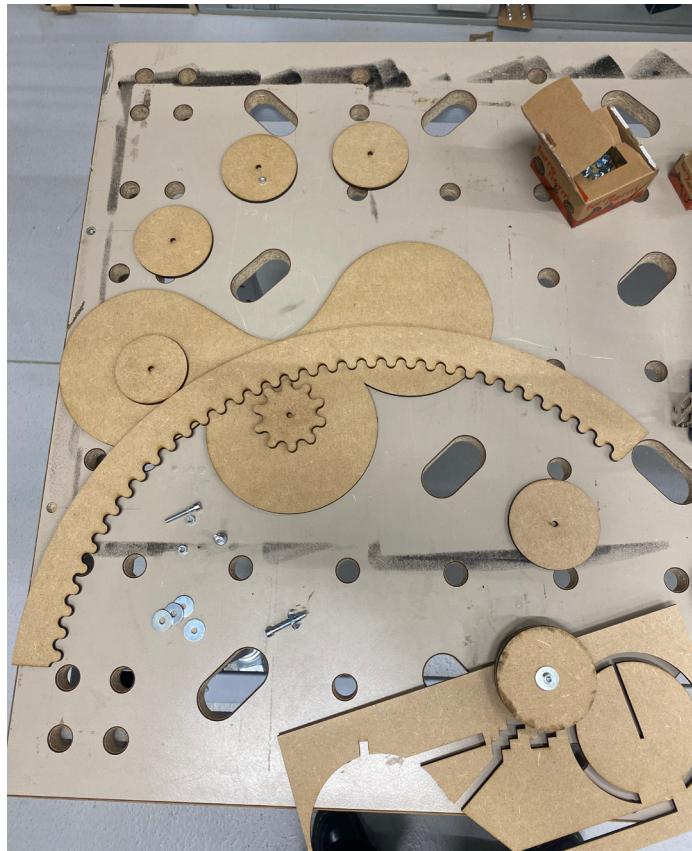
Shape research



Shape research



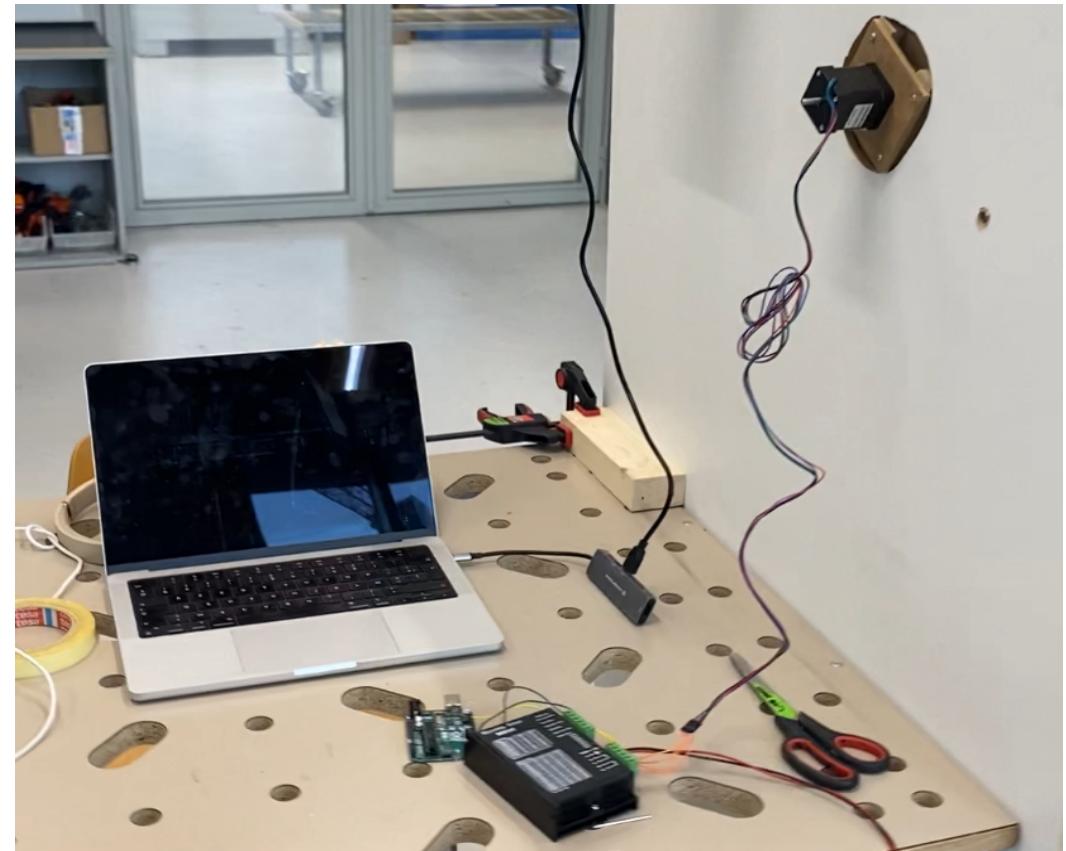
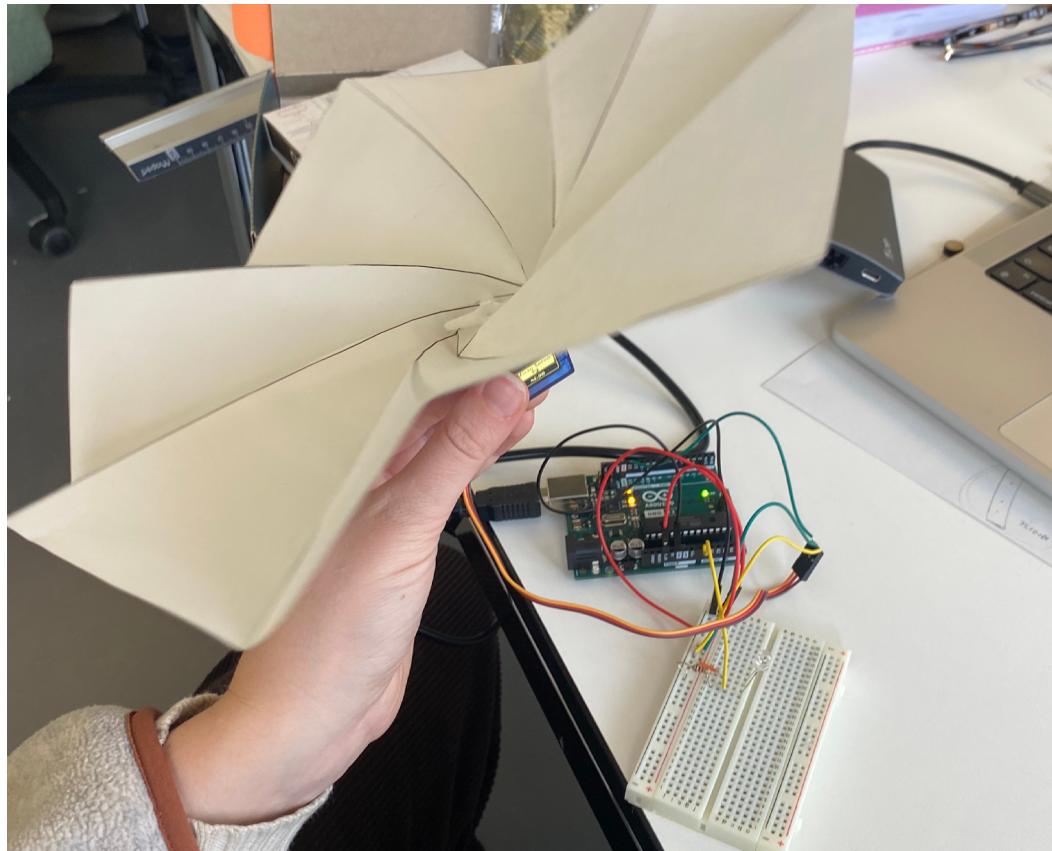
Shape research



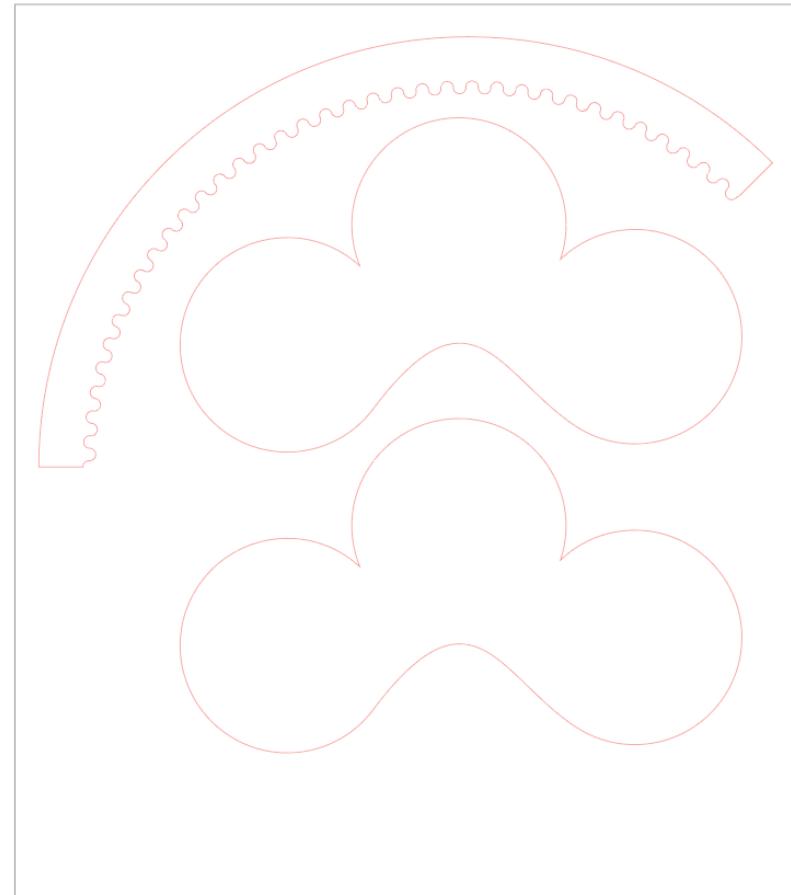
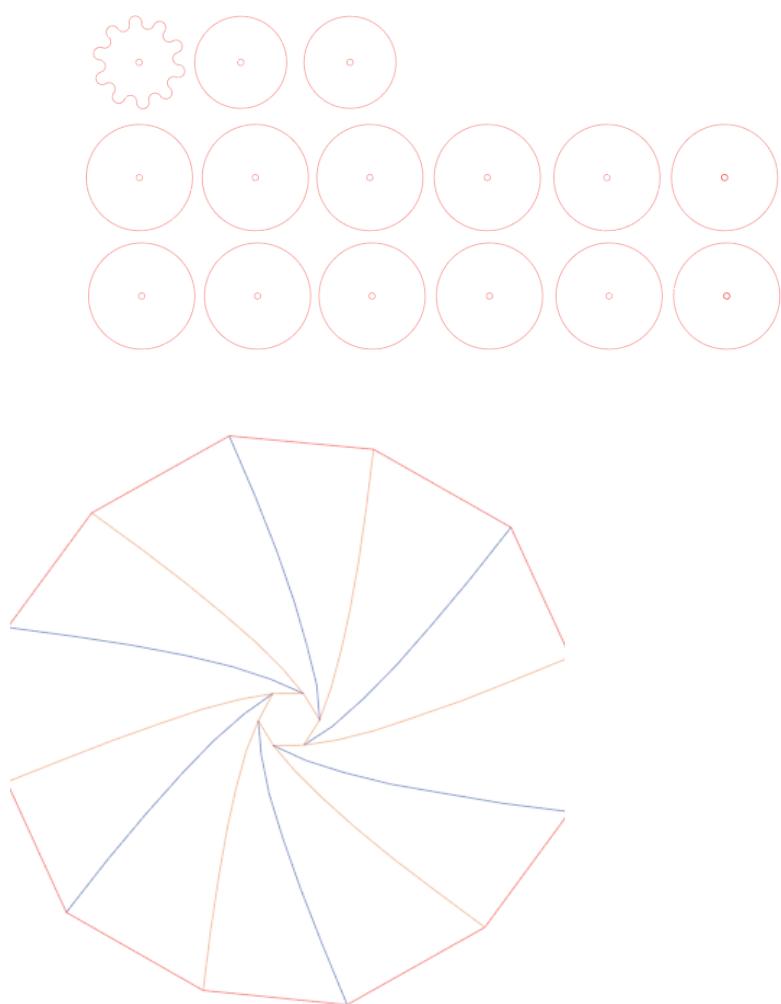
User Tests



Electronics



Plan Drawings



Summary

