

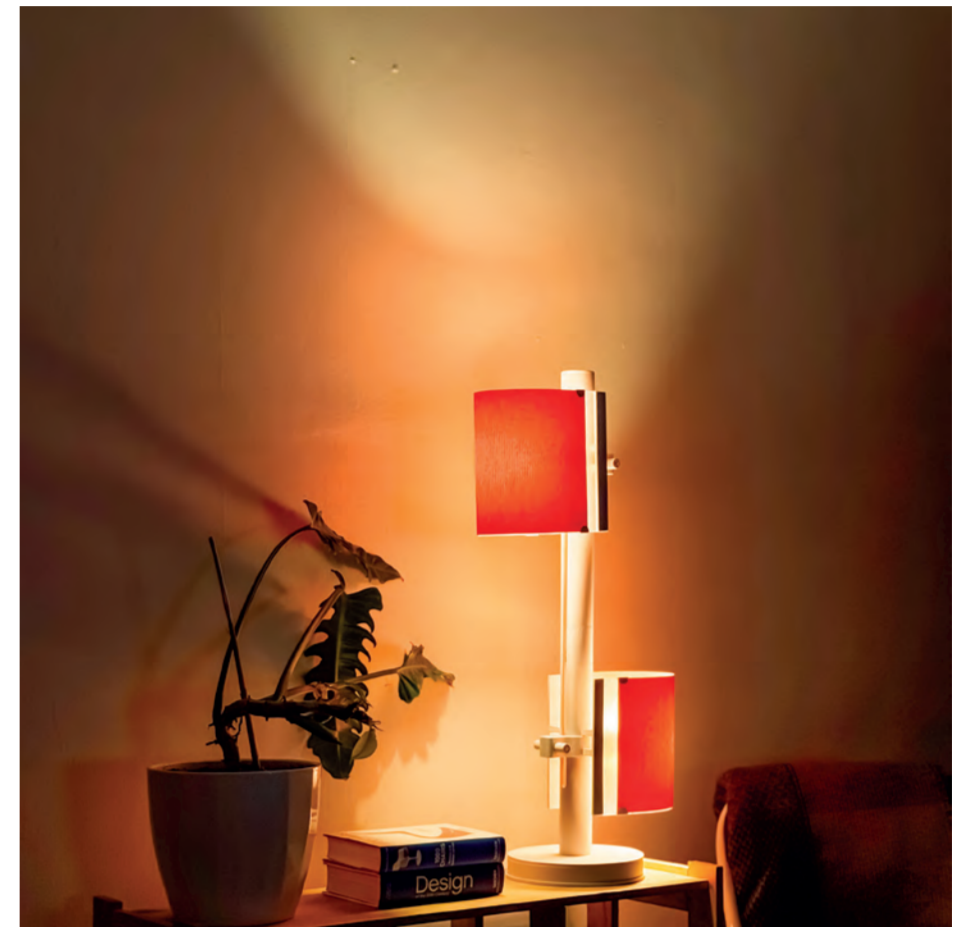


Alfie Kettle

Part Lamp

Product Design BA(Hons)

ntu
design
industries



The Part Lamp is a modular light designed for co-living spaces, offering both task and ambient lighting. It subtly divides space, supporting flexible use and personal moments. Made from sustainable, recyclable materials, it promotes repair and long-term value. The design balances high-end aesthetics with user-centered functionality. Developed through research into shared living and sustainability, it encourages emotional durability. The lamp's clean form and warm glow invite connection, challenging disposable culture by helping users understand and care for their products. Designed to last and evolve.



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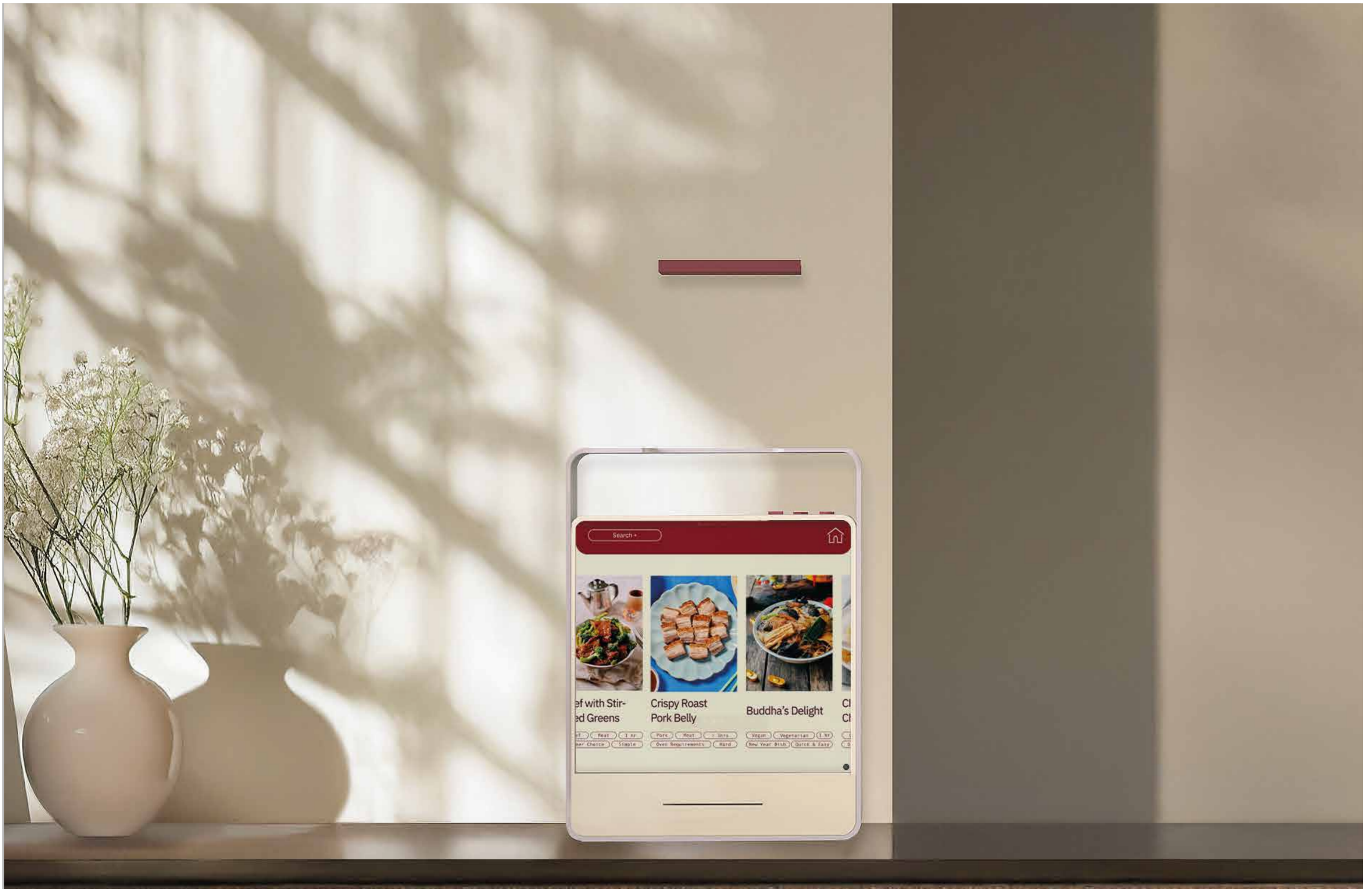


Angela Yu

SIPPO

Product Design BA(Hons)

ntu
design
industries



SIPPO is an AI-powered kitchen appliance that reconnects younger Hongkongers abroad with their families through the shared act of cooking. Inspired by the emotional and cultural value of traditional meals, SIPPO lets elderly parents in Hong Kong record voice and video instructions, which are turned into step-by-step, hands-free recipes using gesture controls. After cooking, users can snap a photo, print a personalised recipe card, and share updates via a built-in family chat. More than a smart appliance, SIPPO preserves heritage, nurtures identity, and transforms the kitchen into a space for connection, memory, and tradition.



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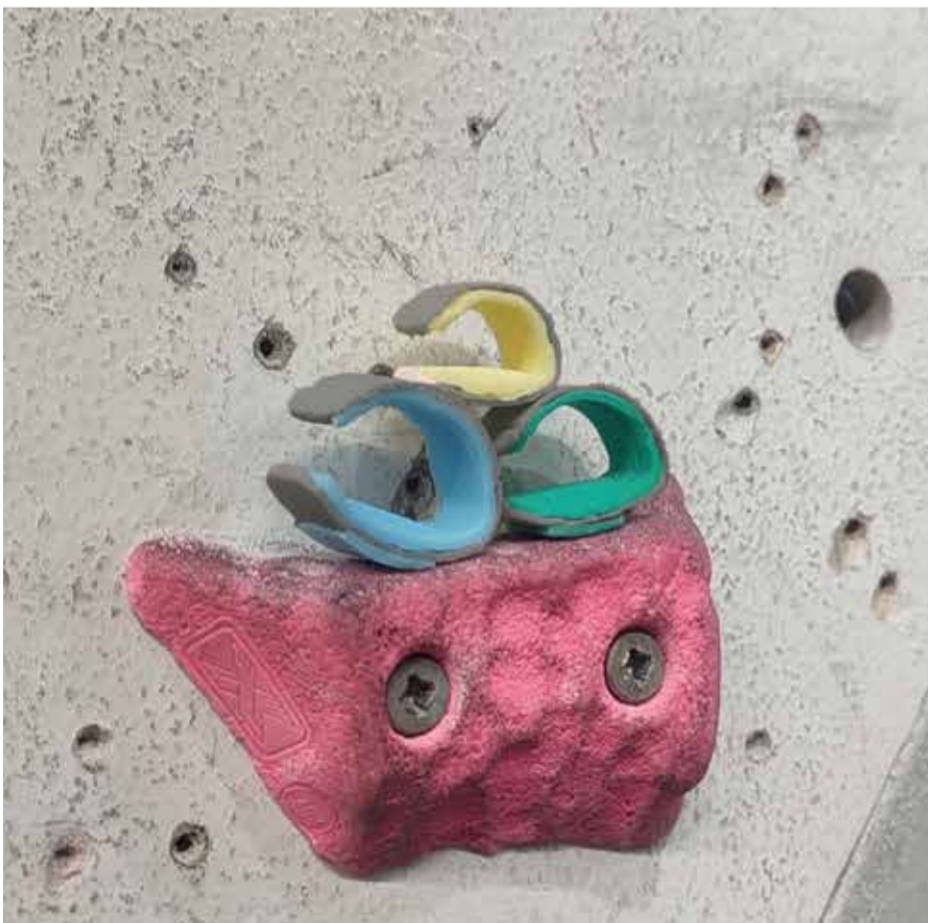


Aron Swindell

Grip Guardian

Product Design Bsc(Hons)

ntu
design
industries



Grip Guardian is a form-fitting, reusable finger splint designed for climbers recovering from A2 and A4 pulley injuries. Unlike traditional climbing tape, which often forces climbers to choose between adequate support and maintaining finger blood flow, Grip Guardian offers a superior solution. It provides targeted support to injured pulleys, reducing strain during recovery while adapting seamlessly to the natural swelling and contraction of fingers. Durable and easy to use, Grip Guardian eliminates the hassle of frequent tape adjustments and provides excellent support, ensuring climbers can focus on their next move without compromise.



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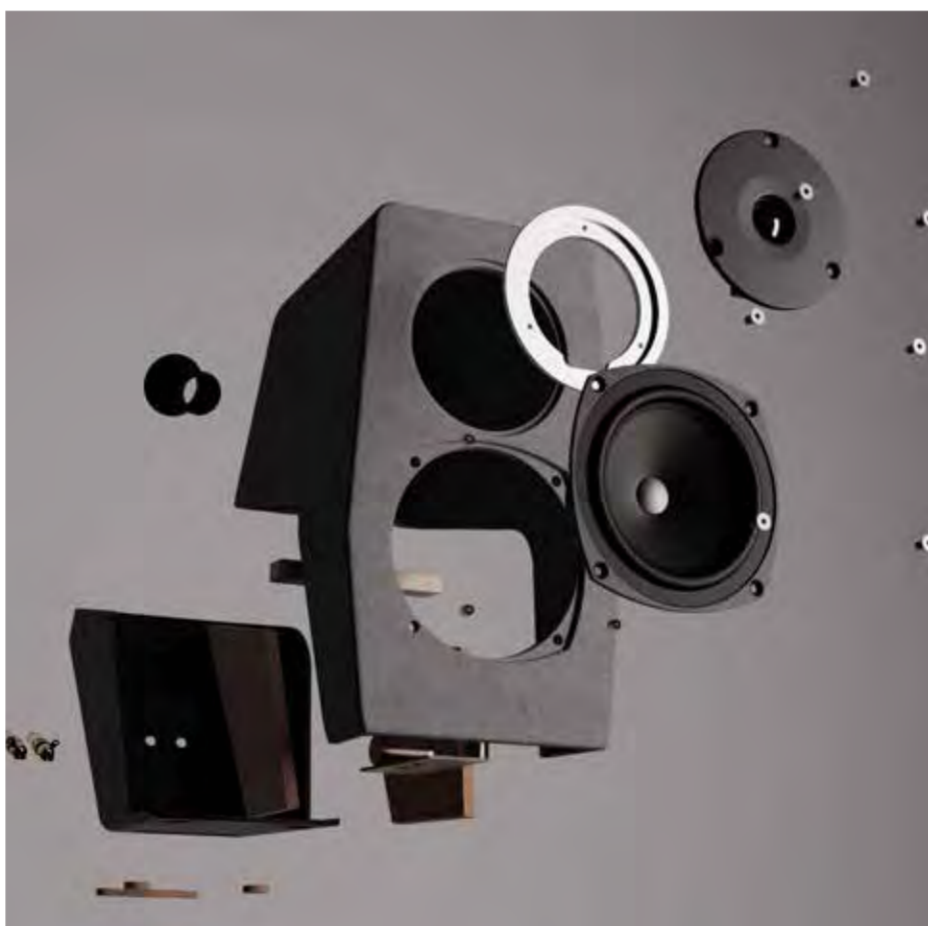


Aron Swindell

MONOLITH

Product Design Bsc(Hons)

ntu
design
industries



Introducing MONOLITH - a high-fidelity bookshelf speaker that bridges affordability and premium audio quality. Designed for both audiophiles and newcomers, MONOLITH blends brutalist-inspired form with minimalist clarity. Its glass-reinforced concrete upper enclosure delivers exceptional rigidity and acoustic performance, while a polymer lower section is optimised for efficient manufacture. Every element prioritises longevity, ease of repair, and sustainability, with authentic material choices and lifetime serviceability in mind. Balancing bold visual identity with technical precision, MONOLITH offers a rich, honest listening experience in a compact, user-focused design.



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Danial Afzal

PeakBrew

Product Design BSC(Hons)

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design
industries



The PeakBrew is a compact, all-in-one coffee brewing solution crafted from ultra-durable titanium and polypropylene.

Featuring an integrated stainless steel mesh filter, a convenient coffee storage compartment, and a leak-proof design, PeakBrew ensures a fresh, full-flavoured brew wherever your

journey takes you. The included drinking cup, fitted with a comfortable TPU sleeve, keeps your hands protected and your coffee perfectly warm.

Lightweight, rugged, and easy to use, PeakBrew is the ultimate companion for those who believe great adventures deserve great coffee.

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Florence Gravina

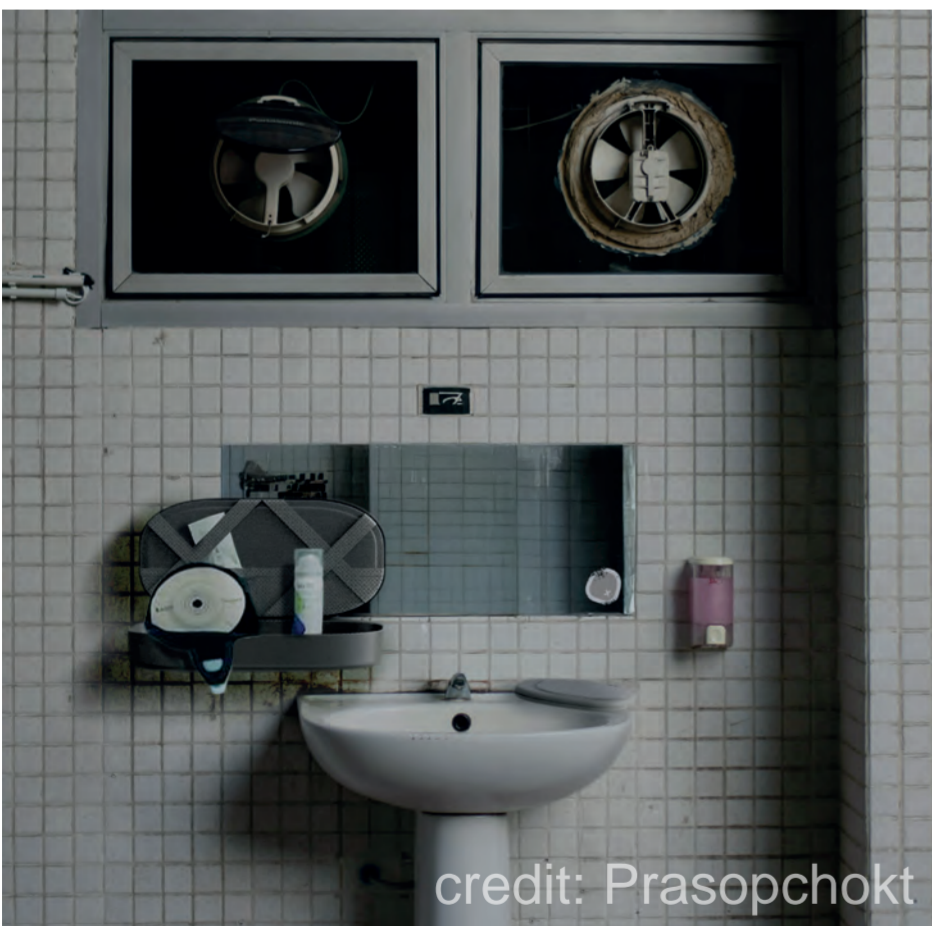
The AXO Project

Product Design BA(Hons)

ntu
design
industries



credit: cottonbro



credit: Prasopchokt



credit: B. Braun SE



credit: Kecko

In the UK alone, approximately 205,000 people live with an ostomy resulting in wearing a stoma bag. Student, Florence Gravina, investigates the significant societal challenges faced by ostomates, focusing on thoughtful design addressing an experience many take for granted - using a toilet away from home. 'The AXO Project' explores how we could not only improve the quality of experiences but redefine the perception and approach to ostomy maintenance. The design language challenges taboos, it not only celebrates how our extraordinary bodies can adapt to overcome trauma, but highlights how this makes us more powerful.



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Hayley Horton

Create your Own
Product Design BA(Hons)

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design
industries



This project redefines the traditional shopping experience by enhancing the Müller brand with a more sustainable and engaging approach. Featuring an insulated, reusable bag designed to keep products cool, it offers an eco-friendly alternative to standard packaging. The "Create Your Own" concept enables consumers to select six customised flavours, while a newly designed triangular pot allows for easier topping integration. This innovative solution combines personalisation, convenience, and environmental responsibility.



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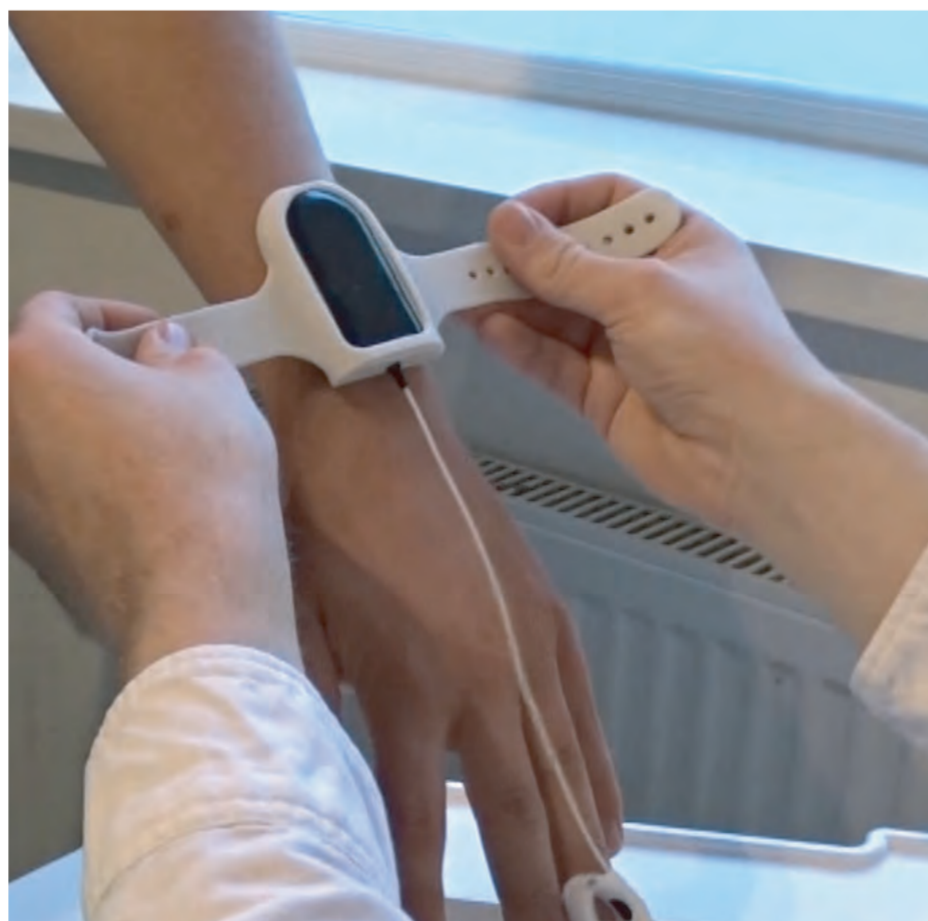


Ian Gilbert

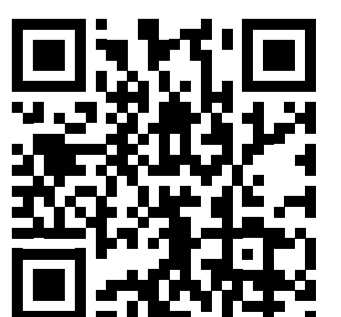
Vytalis

Product Design BSc(Hons)

ntu design industries



Designed to transform patient care in A&E departments. By continuously monitoring key vital signs- heart rate, oxygen saturation, temperature, blood pressure and respiration rate - it ensures that every patient's condition is tracked in real time. Enables faster recognition of urgent cases and greater patient confidence that their health is being closely watched, even while waiting. By providing continuous data, Vytalis not only speeds up triage but also supports more accurate and timely diagnosis, giving clinicians a clearer picture of each patient's condition and reducing the need for further tests and additional waiting. "Smarter triage. Safer patients. Faster care."



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Ishita Arora

ADAPT - ADHD Adaptive Pressure Therapy

Product Design BA(Hons)

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design
industries



OFFERS
DISTRACTION



CALMS
YOU DOWN



HELPS
YOU FOCUS

ADAPT is a discreet wearable supporting emotional regulation in young adults with ADHD.

Using vibration motors and mechanical breathing built into the silicone inserts, it detects rising anger through your index finger and delivers rhythmic haptic feedback on your shoulders with calming in-ear & back vibrations. With formal and casual colourways, ADAPT blends into daily life offering a clinically informed, non-pharmacological tool for managing big emotions outside traditional care settings.



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Luke Johnson

Think Tiles

Product Design BA(Hons)

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Think Tiles is a Maths and English learning tool that is aimed towards making all areas of Maths and English inclusive to people with Colour Vision Deficiency (CVD). CVD, commonly known as colour blindness, is a condition of the eye that affects how colours look to an individual.

The design consists of plastic cubes and tile inserts that allow the parts to be arranged in different set ups to cover individual areas of the two subjects. The tiles are printed on and produced in white plastic to ensure that they can be easily read by pupils with CVD.



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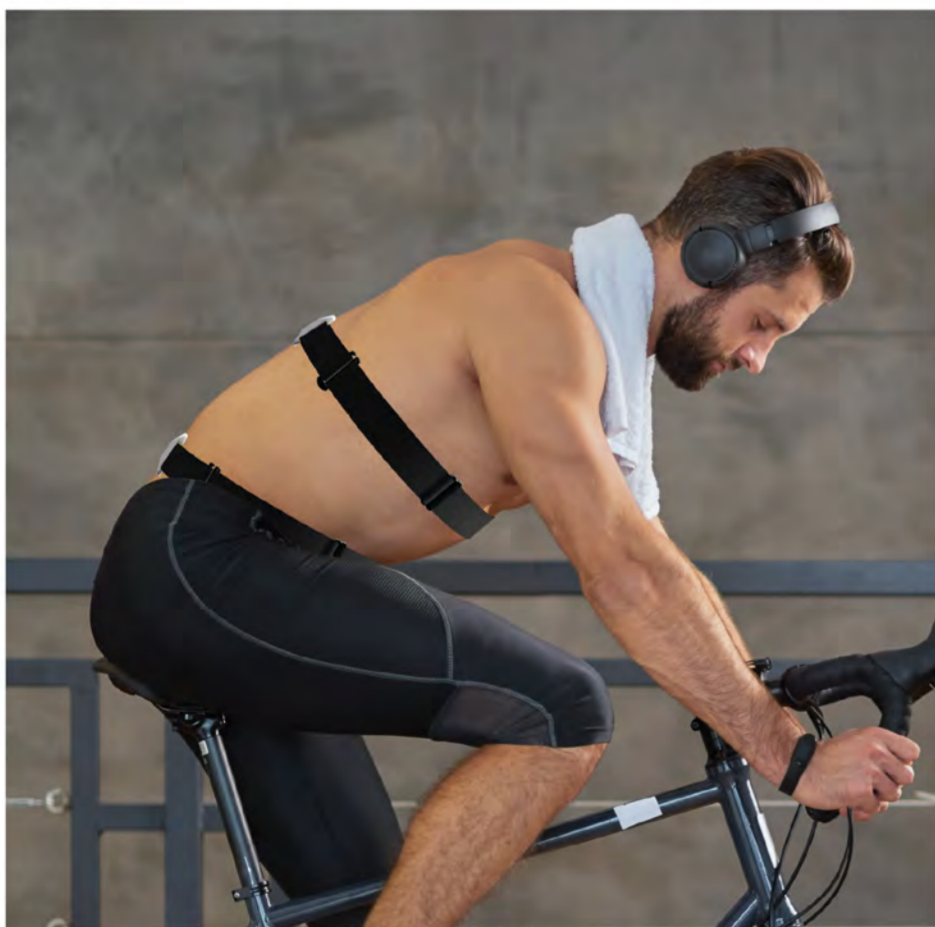


Josh Kingsbury

FORM

Product Design BA(Hons)

ntu
design
industries



Introducing FORM, a wearable posture monitoring system developed in response to a common but overlooked issue in cycling: the long-term impact of poor posture. Discreetly worn beneath the jersey as lightweight chest and waist straps, FORM uses integrated motion sensors to track pelvic and thoracic alignment in real time. The system provides subtle guidance through LED indicators and audio cues, gently prompting the rider to adjust and maintain an optimal position - supporting better riding both now and in the future. By promoting healthier movement habits, FORM helps reduce fatigue, enhance performance, and minimise the risk of long-term injury.



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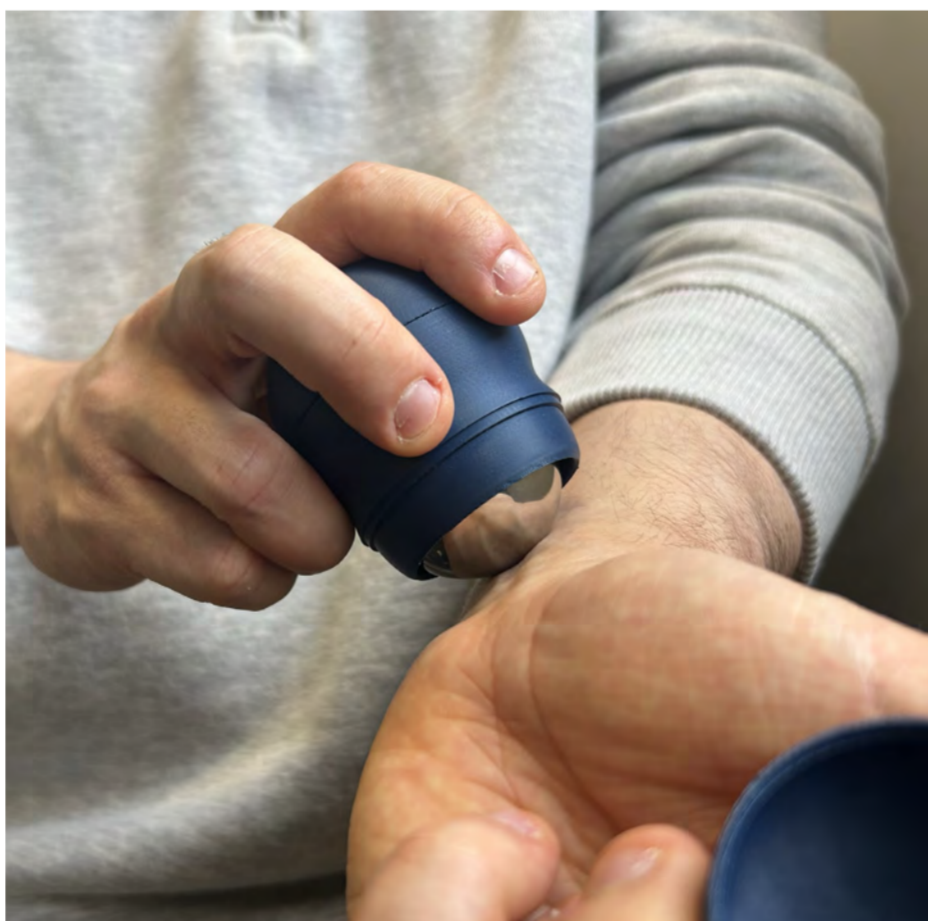


Katie Smith

Rolora - Eczema Itch Relief

Product Design BSc (Hons)

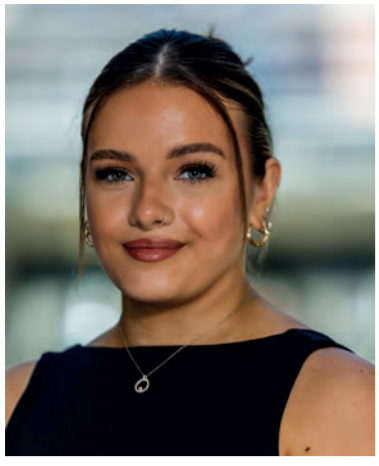
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Rolora is a multifunctional, user-friendly product designed to help individuals manage eczema symptoms more effectively. Its main feature is an itch relief roller that lets users scratch without damaging their skin. The roller is compatible with interchangeable roller balls, such as a stainless steel option that naturally cools inflamed skin. It can also connect to add-ons like a cream dispenser and a storage compartment, offering a convenient and portable solution. Rolora is available in customisable mix-and-match packs with various colours, allowing users to personalise their set. All components are easy to clean, making them suitable for sensitive skin.



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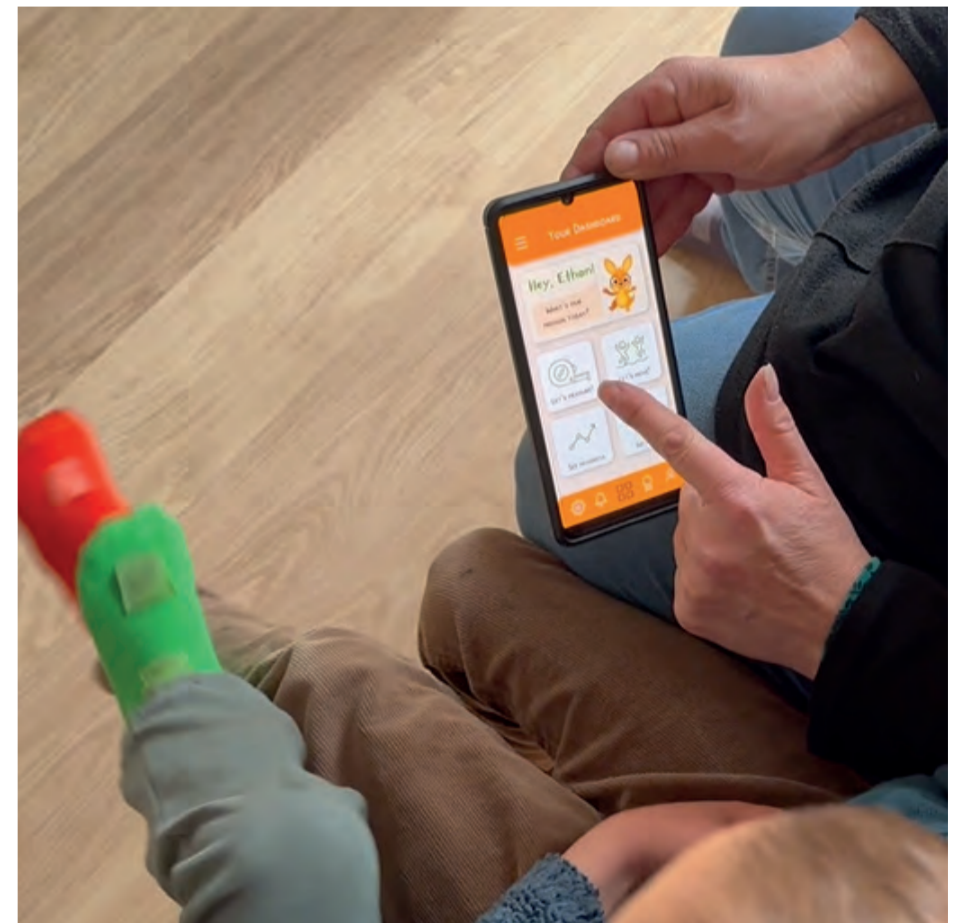


Keely Woodhead

KangaClub

Product Design BSc (Hons)

ntu
design
industries



KangaClub: a first-of-its-kind wearable system that bridges the gap between hospital appointments for children undergoing clubfoot treatment. Designed for home use, the system combines a sock with pockets, motion-tracking sensors and a connected mobile app to accurately monitor a child's range of motion over time. The system provides clinicians and parents with real-time insights, enabling personalised treatment decisions and early intervention. It addresses the emotional and logistical strain many families face—from long-distance hospital visits and time off work, to a lack of timely medical feedback.



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Lia Kamenova

Buddy Double

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The Buddy Double is a lovable, pocket-sized companion designed to support people who experience executive dysfunction.

Using the researched method of body doubling, Buddy offers playful prompts like animations, beeps, and adorable wiggles, to help you ease into tasks and stay on track. Users can set up tasks through the companion app, track their progress, and unlock fun customisations as they go! With Bluetooth connectivity, voice control, and three flexible task modes; Buddy makes daily routines feel less overwhelming, more playful, and a whole lot more rewarding.



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Lia Kamenova

Sustainable Christmas Crackers

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industries



Christmas crackers are a major source of festive waste due to the cheap plastic toys and fulminate-coated strips that create the signature snap. This chemical-free reinvention offers a sustainable alternative, replacing the traditional snap with a paper-based mechanism powered by an elastic band - producing the same satisfying sound while doubling as a playful paper toy. The included games cleverly reuse the cracker's outer shell for collaborative and competitive activities. This flat redesign cuts down on material waste and removes hazardous chemicals, without losing the joy of the festive experience!



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Florrie Lithgow

Curious and Creative

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Curious and Creative is an astronomy-themed activity kit for children. Created as a way to introduce children to astronomy for whom science museums and planetariums might be difficult to access- the toolkit nurtures curiosity and creativity through informal learning activities. The experience is guided by children's imagination, prompting them to consider the existence of planets and life beyond our solar system. By exploring and manipulating materials, children can create new worlds and life forms. Without defined learning outcomes, the main goal is to deliver and celebrate science communication, making science engaging and accessible.



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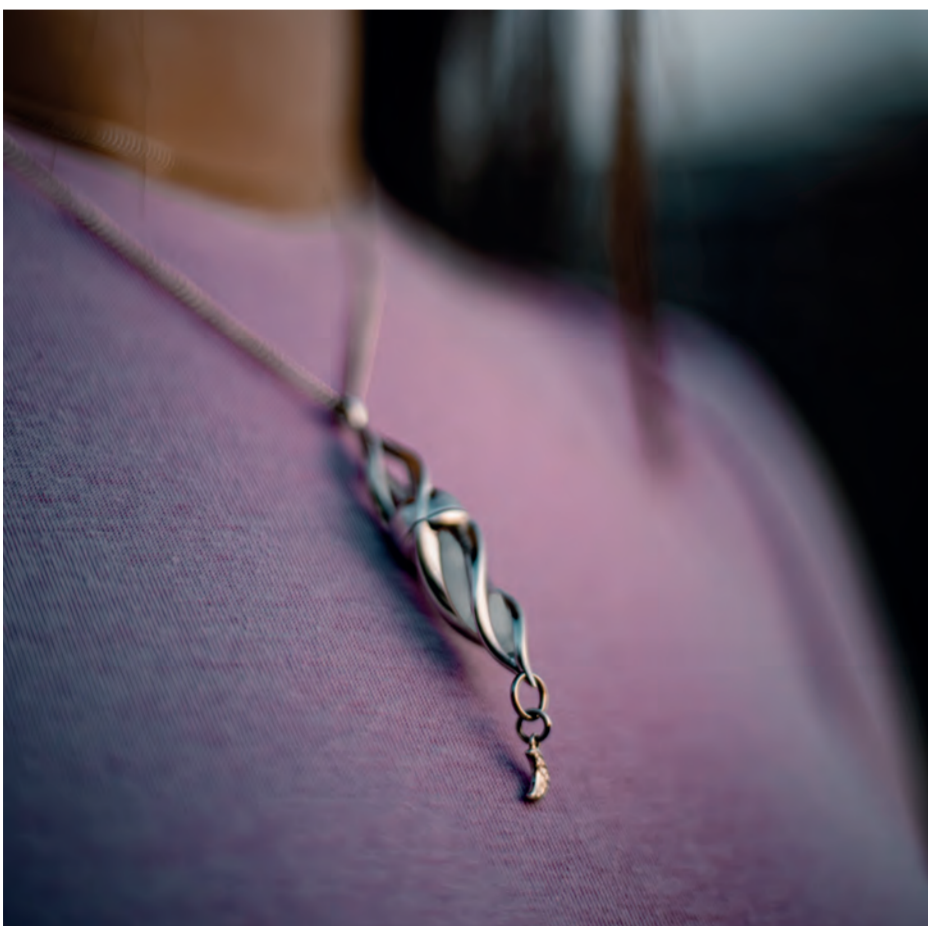


Lucy Barrick

Aetherielle

Product Design BA(Hons)

ntu
design
industries



Aetherielle is a wearable aromatherapy pendant designed to support women's emotional well being throughout their menstrual cycle, especially to ease the often overlooked symptom of anger. Inspired by the rhythm of the female body, its spiralling, water like shell form reflects the cyclical power of menstruation. A visible, refillable vial holds calming essential oils like chamomile, jasmine, and ylang ylang - its exposure challenging taboos and inviting open conversation. Rooted in the tradition of using scent for emotional balance, Aetherielle is more than jewellery, it's a quiet statement of strength and self care.



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Oscar Thearle

Benn 35L

Product Design BA(Hons)

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The Benn 35l showcases how sustainable practices and materials can be used for products within the outdoor industry. Made from up-cycled bouldering mats, harnesses, retired ropes, and recycled materials, excluding elastic and plastic to accentuate the longevity of the bag. Designed to be repaired over your lifetime supporting ideas such as the Theseus paradox and Make do Mend, asking will it be the same bag after 50 years when all parts have been replaced? Designed for versatility and a capable accessory for all disciplines of climbing.



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Georgia O'Neill

curleasy

Product Design BA(Hons)

ntu design industries



curleasy is designed to make hair styling safer, easier, and more accessible for individuals with limited mobility or dexterity. Unlike traditional curlers that require gripping and twisting, curleasy features full automation, eliminating the need for complex hand coordination. Specially contoured prongs and a built-in hair guide wrap hair naturally around the heated barrel. Raised, silicone-ringed buttons provide tactile feedback, while a light alert ensures easy, one-handed operation. A soft foam grip and adjustable stand offer added comfort and accessibility. Lightweight, automatic, effortless. Designed to do the work for you.



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Oscar Marchal

Aphid

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Aphid is a compact, foldable DJ controller designed for the way music is shared today, whether in kitchens, on rooftops, in parks. It delivers the feel of a full setup without the bulk or need for a laptop, and packs easily into a rucksack. Dual displays and tactile controls provide a familiar, intuitive workflow shaped through hands-on user feedback. Magnetic sliding port covers and a soft-touch strap keep it secure, protected and always ready to go. It began with a familiar frustration: seeing DJs arrive at house parties with cumbersome gear built for clubs. Aphid rethinks that experience, making it easier to play wherever the moment happens.



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William Patterson

INVENTORY

Product Design BSc (Hons)

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The Inventory PC building toolkit provides all the tools a beginner needs to create their very own custom-built PC. Each element of the kit, from the form to the branding, is designed to feel high quality so that you can build with confidence. The kit includes a ratcheting screwdriver which can be separated into a precision one for more delicate operations. Also included are spring loaded long-nose pliers, 30 colour coded reusable Velcro cable ties, 12 S2 steel bits, and an ESD (Anti-Static) wristband. The equipment is stored in a versatile case featuring a screw tray with a separate sleeve for the cable ties. Inventory gives you the confidence to create your dream PC.



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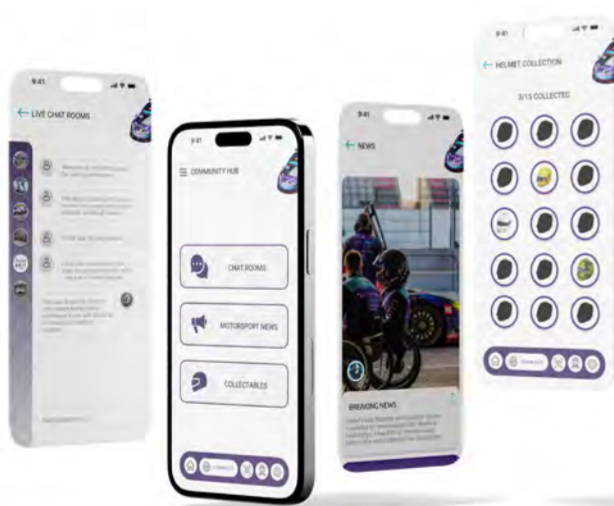


Benjamin Rickard

RaceAble

Product Design BA(Hons)

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design
industries



RaceAble is a motorsport hub and virtual trackside experience designed to make racing more accessible and inclusive for disabled fans. Through a mobile game, VR environment, and AR features, users can explore race weekends, interact with drivers, visit team garages, and collect digital rewards.

The app is a community for young disabled talent and offers educational tools about FIA DAA-approved adaptations, helping fans connect, learn, and engage with motorsports - whether at home or at the track.



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Callum Slattery

alera

Product Design BSc(Hons)

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alera is a compact, user-friendly device that allows individuals with nut allergies to test food for allergens before eating. Using advanced electrochemical sensing and single-use test strips coated in aptamers, alera detects the presence of nut proteins in a small food sample. A simple LED interface provides a clear pass/fail result within minutes. Designed to be discreet and portable, alera comes with a travel capsule for storing test strips and buffer fluid. The device offers peace of mind in restaurants, at work, or abroad, helping users take control of their safety and reduce the anxiety around eating with allergies.



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Thomas Kemp

Anchor Bracing

Product Design BSc (Hons)

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As an athlete, recovering from an injury can be frustrating. But this is only made worse when the recovery tools are not suited to the injury itself. Convention arm slings use the ribs as a natural bracing point to immobilise the user's arm. This bracing point often causes discomfort when moving and breathing. The Anchor Bracing Shoulder Abduction Sling looks to improve the comfort of users who have suffered a polytrauma injury involving both the collarbone and ribs. This is done by removing the pressure off of the injured rib area, by elevating the user's arm, whilst keeping the collarbone secure and stable.



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Thomas Kemp

SureStride

Product Design BSc (Hons)

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Walking helps slow muscle loss in people with Muscular Dystrophy, but current narrow ferrules don't support their wider pole stance needed for balance and stability. SureStride provides a range of adaptable and interchangeable walking pole ferrules suited to all weather and surface conditions, or simply personal preference. All of the ferrules, as well as the adapters, are 3D printed using 95A Shore Hardness TPU. This allows all of the parts to independently flex. The larger diameter, combined with the TPU's flexibility, ensures that the entire base of the ferrule remains in contact with the floor, when used in a wider stance for stability.



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Thomas Scothern

Tower

Furniture & Product Design BA(Hons)

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The Tower is a portable and versatile product, ideal for social gatherings. It features eight removable bowls made from beech wood, allowing users to easily present a variety of snacks for guests to enjoy. Each bowl is securely attached to a central container with discreet magnets, making it simple to remove, refill, and rearrange as needed. The powder coated steel container is designed to hold bottles of various sizes, depending on the user's preferred drinks, making it both functional and stylish. Its playful and interactive design encourages sharing and conversation, turning any table into a lively centerpiece. For larger events, the Tower XL offers an even greater capacity, capable of holding two bottles and additional bowls for more food. With its clever construction and elegant materials, The Tower provides a fun, unique, and practical solution for enhancing social occasions, both indoors and outdoors.



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Tina Kharoufeh

Joelle and the show and tell

Product Design BSC(Hons)

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industries



In this story, Joelle, a bright and thoughtful Character, is getting ready for the first-ever Show and Tell at school. Joelle has been working hard on a project, but as the big day approaches, Joelle starts to feel a little unsure—what if it's not good enough, or no one understands it? Through gentle storytelling and interactive elements, children follow Joelle experiencing emotions like worry, pride, and self-doubt, learning how to manage them along the way. One special feature includes a built-in mirror, where children are invited to recreate Joelle's facial expressions, encouraging emotional awareness and reflection. This moment also fosters meaningful parent-child interaction, as adults are encouraged to guide children in identifying and talking about their feelings together.



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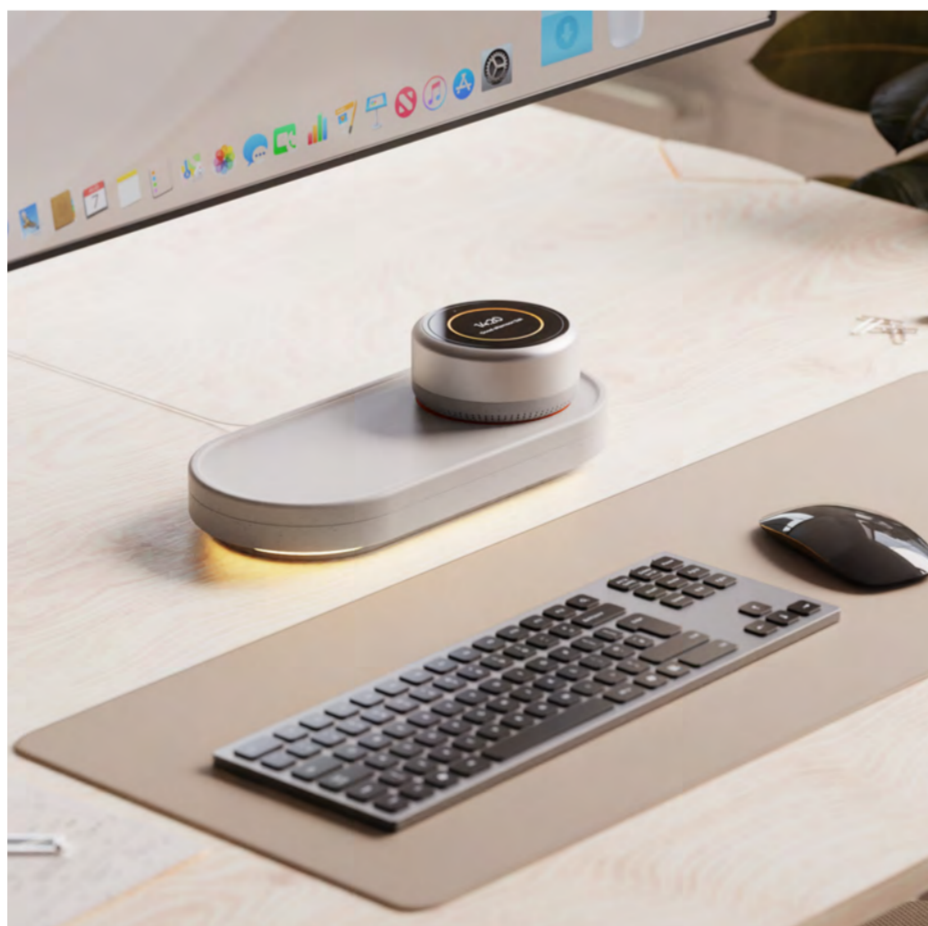


Zak Boardman

Focus

Product Design BSc(Hons)

ntu
design
industries



Introducing Focus — a mindful productivity companion designed to help individuals work with greater intention in a world of constant digital distraction. Unlike existing alternatives that rely on discipline from the user, or full disconnection from the phone. Focus strikes a balance between accessibility and boundaries, enabling users to separate from their phones while retaining access to essential functions, such as important calls, texts, or notifications.

Focus consists of two components: a phone-charging base and a portable companion unit. The user places their phone in the base to begin a focused session. The companion unit, meanwhile, allows filtered access to urgent notifications and core phone functions only — reducing the urge to check the phone without severing important connections.



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Zak Boardman

Solace

Product Design BSc(Hons)

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Seasonal affective disorder (SAD) affects around one in 20 of us in the UK. One effective method of treatment is the use of an SAD therapy lamp. Unfortunately, current devices are often found to be lacking when it comes to: aesthetic appeal, feature-set or effectiveness (often a combination of all three).

Introducing Solace - a complete light and circadian rhythm therapy solution, designed to brighten winter days for everyone and deliver clinical-grade effectiveness for those with Seasonal Affective Disorder. Unlike current offerings in the market, Solace offers both wake up light functionality, and medical-grade light therapy for those with SAD.



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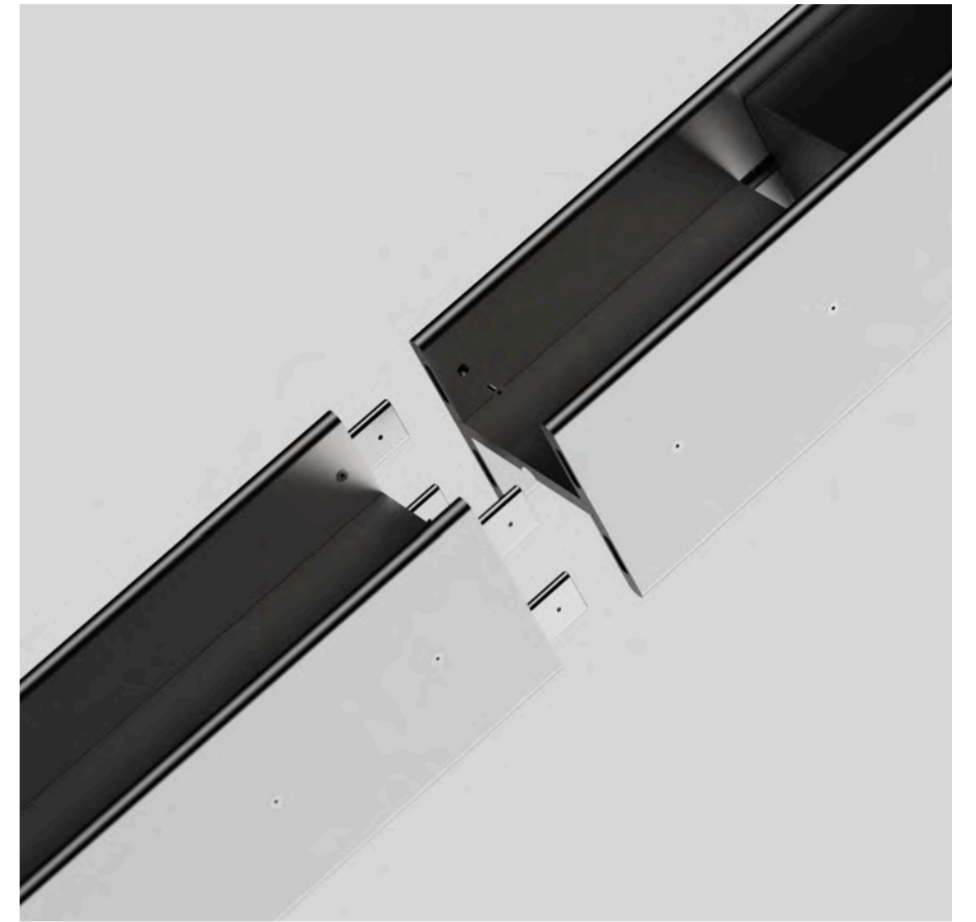


Zaki Razak

bina

Product Design BA(Hons)

ntu
design
industries



'bina' is a modular lighting system and desk accessory that redefines task lighting for modern workspaces. Crafted from recycled aluminium extrusions and 3D-printed internals, it blends sustainability with refined industrial aesthetics. Its modular form allows users to stack units vertically, adjusting height or adding light modules to suit changing tasks. A swivelling head transitions from focused task lighting to ambient glow, adapting to work or relaxation. Designed for disassembly, repair, and future upgrades, bina offers more than illumination—it's a circular, sustainable desktop ecosystem built for longevity and evolving needs.



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Zaki Razak

Structra VSM

Product Design BA(Hons)

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Structra is a compact, modular trolley that reimagines vital signs and point-of-care trolley (POC) in NHS wards. Replacing outdated systems, it integrates a mobile CRU tablet that wirelessly records patient data, scans barcodes, and digitises notes to reduce errors and save time. Designed through user feedback, it features adjustable compartments, modular ports, and dedicated holders to improve workflow, storage, hygiene, and maintenance. A wireless charging dock and dedicated compartments help to promote proper use habits. Structra offers a future-ready, cost-effective solution for efficient and scalable care in modern healthcare environments.



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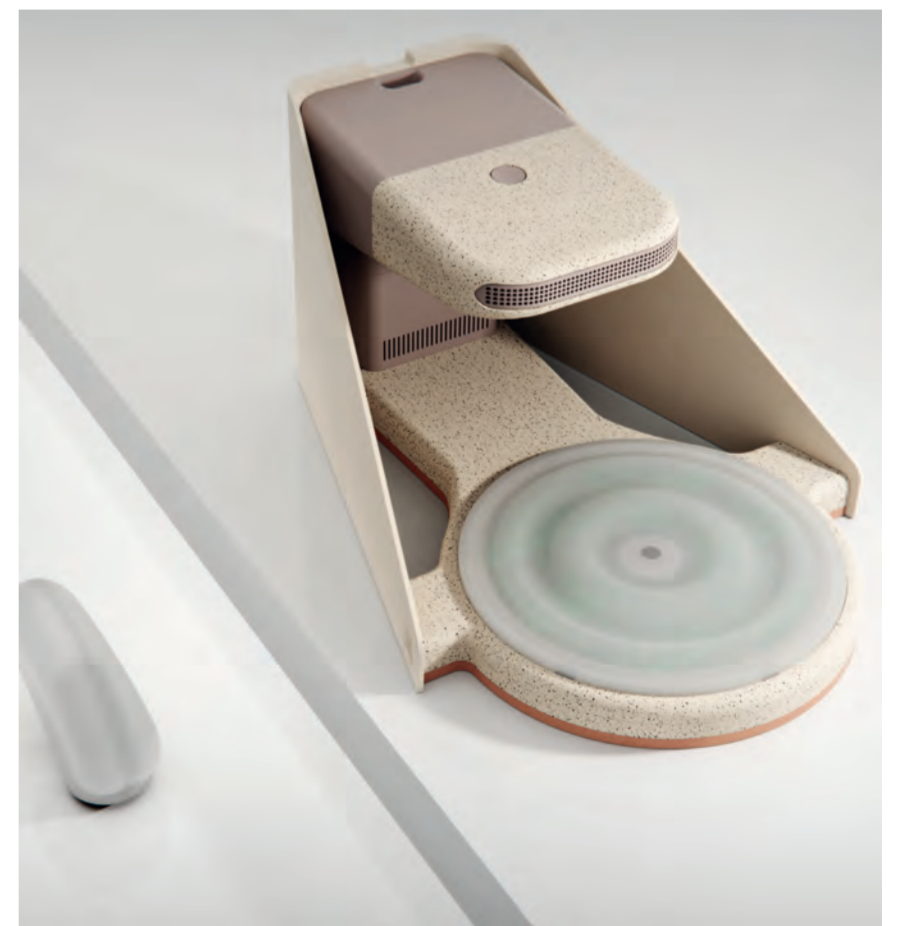
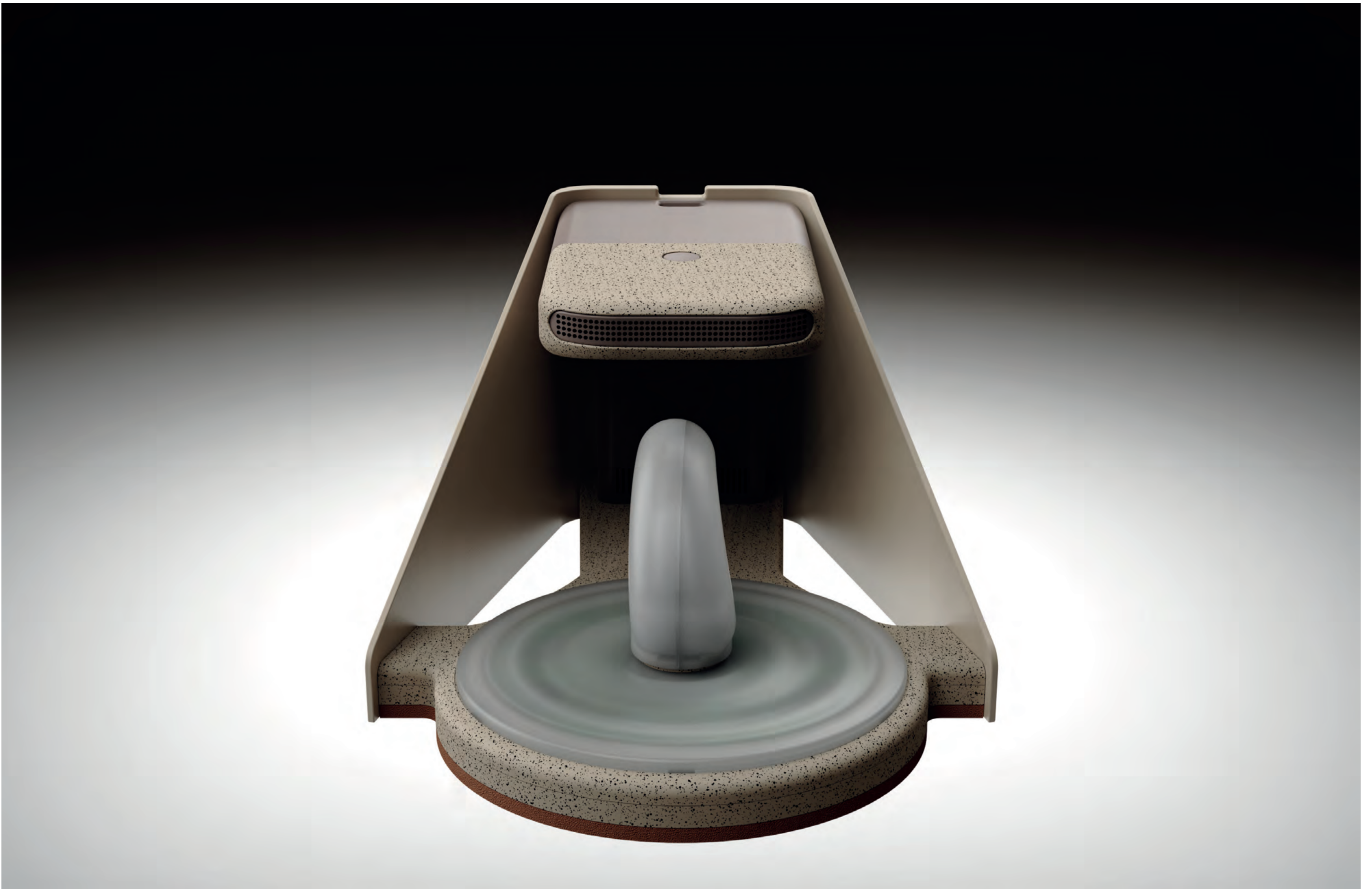


Adam Zaki

Elysium

Product Design BSc(Hons)

ntu
design
industries



Elysium is a holistic product ecosystem designed to combat daily stress by engaging multiple senses. Targeted at users aged 21–35, it comprises The Pebble—a portable handheld device delivering instant stress relief through haptic, tactile, and visual stimulation—and The Shrine, a docking station that wirelessly charges The Pebble while enhancing the experience with olfactory, audio, and visual elements. The Elysium app complements the system by logging stress events, tracking progress, providing curated wellness content, and enabling customisation of stimuli such as soundscapes, light patterns, vibration, heat, and aromatherapy. An AI Therapist is also available through the Elysium+ subscription.



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