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I write this from an unusual perspective, it will be my last foreword for a degree exposition brochure as my retirement is now imminent. Whilst inscribing this in reflective and somewhat melancholy temperament; I am not sure at which end of which of Frost’s ‘roads’ I stand; however, I am sure that I share Lawrence’s disposition, as I look from the same window to a world I do not wish to join either, but have too. The same ‘daisy froth’ lies quiescent on the lawn adjacent Shakespeare Street, the entrance hall to the Arkwright building, as it is now known still has its big stone chimney-piece and its Gothic arches still support the balcony above, the students of 2016-2017 are however; very different, different from that time and different from mine.

It is indeed their time and they present for you their designs both contemporaneous and futuristic. Their work in a truly holistic sense reflects the courses’ philosophy; that of responsible design and the character and quality of their products, within the degree show, highlights their pleasure from working materials and designing systems and products from both a modern and innovative aspect; it is reflected in the knowledge that their realised designs will be mutually beneficial, to themselves and to the community at large.

When viewing or reading their work I annex that same pleasure and satisfaction, I understand how precious their work is to them and the wider community and I find pride both personal and shared in the combination of worked materials, visualised, designed and realised in such exclusive products.

I have the greatest empathy with their written dissertations, many on subject matter they care about greatly and which demonstrates their responsibility, sympathy, and maturity as designers, designers of whom I am justifiably proud. The whole of their work including the dissertation gives me as it gives others great satisfaction and delight in that it is produced by them; my students.

Finally, I would wish them all the greatest success in their careers, they clearly stand at the start of the road, and may it be smooth and straight.

My very best regards,

Head of Product Design
A WORD
by Joseph Stewart

“A journey is a person in itself; no two are alike. And all plans, safeguards, policing and coercion are fruitless. We find that after years of struggle that we do not take a trip; a trip takes us.” John Steinbeck

Whilst I have only been at NTU for little over three years, I can vividly remember working with this particular group of students on a reverse engineering/redesign project, during their first year of study. I happily recall being taken aback by how engaged and enthusiastic each student was, and their respective positive responses to my feedback. Nevertheless, it is only with great determination and a superb work ethic that those fresh-faced young students have transformed themselves into the professional designers they are today.

With the above in mind, it is with a great sense of pride that I present this 2017 BA (Hons) Product Design cohort, who will soon be embarking upon the next step of their respective journeys.

Since their return in October, it has been my privilege to witness exactly how far each student has come and what they have all achieved within just one academic year of study. Further, the diversity of the projects on show truly reflects the comprehensive abilities of our students, thus creating a myriad of employment opportunities. Exhibited work features exemplary innovation, material testing and exploration, functionality and much, much more; all of which are integral to the modern designer.

As you conclude your studies, I wish you the very best of luck in your future endeavours and expectantly wonder what influence you will have on the world of design in coming times. I look forward to seeing all of your hard work pay dividends as you begin to flourish as professional designers, utilising the tools that my colleagues and I have taught you during your time here. Always continue to push the boundaries of creativity, but most of all, enjoy a fulfilling career of endless possibilities.

“I know words, I have the best words.”
Donald Trump

Dr Joseph Stewart
Course Leader, BA (Hons) Product Design
The kitchen utensils are designed as a promotional product for the bespoke kitchen company Roundhouse Design; particularly after the successful sale of a kitchen. They boast a self-supporting feature and shaped Corian handles, which create a functional aesthetic.
Wired is a clip based system to help performing artists quickly and effectively collect their cables in the setting up process of their performances. This is done through the use of phosphorescent colour coding and modular slotting in injection moulded clips.
UDUB is an audio brand that encourages relaxation and productivity through music. Using colour and texture to emit a sense of comfort and anonymity while being fashionable and intrinsically desirable.
Osmo is a stylish, vacuum insulated beverage dispenser designed for use around the home or work environments. Osmo makes daily hydration easy while providing a fun alternative to using plastic bottles and single use coffee cups.
Gruppo is a kitchen sink utensils holder that is designed to prevent the mess around the kitchen sink. As well as being a great way of preventing a build-up of clutter around the sink it has the ability to reduce the build-up of bacteria with the built in soap dispenser.
These unique crutches were designed to improve the standard of living for long term crutch users. They are a comfier version of the traditional NHS Cuffed Elbow Crutch. This is made possible by improving the standard of material used on all of the contact points of the crutch and improved suspension.
intouch is a proximity detector disguised as jewellery. It can be Bluetooth paired with another intouch product to alert its users of a disconnection, that can be viewed and followed through GPS via an app. intouch is a safety product that can be worn for its aesthetics as well as its function.
This tea bottle provides the essentials that make it possible to gain a tea ceremony experience alone or with a friend. The tea only makes contact with glass and porcelain to deliver natural tea taste in its purest form. This product is an outcome from a live project with August Moon Tea.
Bespoke industrial lamp that is designed and manufactured to guidelines whilst incorporating a working mechanism to suit the needs set out by the client. The lamp uses steampunk influence that has the ability to transform a living space, drawing in attention and interaction through innovation.

Nicholas Bambridge

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British canals are a part of everyday life, whether it is living, walking or boating on the water. *FrameBoat* is a product with a size and portability focus, having been designed as a collapsible rowing boat that fits into the boot of a car and can be easily stored in most homes.
A voice recorder designed for the elderly to help share the ‘unheard voices’ of a forgotten generation. Enabling them to leave behind messages, geo-tagged in locations. Friends and families can re-live these forgotten moments by visiting those locations, unlocking voices and listening to memories.
Designed for indoor/office spaces with low levels of sunlight. The Nova helps to reduce the effects of SAD through the simulation of fluttering light found in natural vistas. The Nova uses a programable LED matrix to project varying light pulses through a diffusion plate, providing atmospheric stimulus.
Enlighten has been designed for stress relieving purposes within students and full time workers. The light itself emits a range of colours to suit one's mood alongside the added scent feature which diffuses aromas. The combination of the copper light and two port scent diffusion provides the perfect path to relaxation.
N.O.S.S (No Ordinary Sneaker Store) introduces an exclusive consignment trainer store catering the needs of buyers/sellers of rare footwear. Trainer display and trainer care are the two main focus points as the rare footwear on sale will be kept in pristine condition through the newly designed trainer care kit.
Intrekid is a childhood-proof rucksack designed alongside focus groups of children aged 5-12. The understated aesthetic of the bag combined with water-repellant, rip-proof fabrics and multiple storage options makes an ideal rucksack for all childhood adventures and activities.
Ski goggles designed specifically for children and their individual tastes. *Moose Optics* brings both fun and innovation to children’s ski goggles. The goggles are personalisable; with interchangeable magnetic lenses, removable straps and clip out sidewalls. They are designed to flex comfortably to any shape head.
A P.O.S display designed specifically for Fresh Produce in Supermarkets. ‘Freshly Filtered’ attempts to tackle the chaotic aesthetic, organisation and cleanliness of the displays currently in situ and to change the behaviourisms of supermarket employees and consumers.
Timed Aroma is a mantel clock which disperses bursts of home fragrance. Scent of a consumer’s choice travels through the stand and diffuses out through the clock face at selective time intervals. The intensity of the scent can also be altered.
Arkon is a light which aims to challenge the trend of minimilistic design and celebrate the beauty of complexity without sacrificing function. The form of the light is inspired by steampunk and is constructed using no adhesives allowing ease of repair.
A Coffee that rewards you for interacting on a face to face social scale. With a rewards card that receives stamps from interacting with a person with a different coloured cup you get a free coffee quicker and break the ice with new people.
East by GEOL is a set of four spice containers that uses laser engraved art & patterns from the spices country of contemporary origin. This particular East range focuses on the four main spices of Asian origin. The design aims to be a functional piece of art for the kitchen and promote spice knowledge through art.
**MCR Range** is a set of products that aim to increase the musical experience of certain music scenes by utilising the senses. This is achieved through visual art, candles and selected LP's. The MCR Range focuses on the Madchester music scene but the project has a range of sets including the Jamaican Reggae scene.
The Ceto water bottle system was designed for dog walkers & dogs on the go, bridging the gap within the user & pet fitness market. Compartmentalised design with a screw off dog water bowl on the bottom which fits into a storage compartment. Ceto has a sport cap nozzle for the user to drink on the move.
The Veller backpack was designed for commuters who are unable to get a seat on the platform or whilst traveling to work via train. Designed with a rigid carbon fibre insert to support the weight of the user. Front loading pack with organised storage, side zip laptop access and a briefcase carry strap.
Designed with space saving in mind, the **Multi Set** focuses on minimising the number of kitchen utensils, and packs six of them into two products. In a country with rising property prices and as a result smaller property, taking up less room is key.
1.3 million people suffer with arthritis in the fingers, hands and wrists. Basic tasks are made difficult and sometimes impossible. The *arthritic saucepan* provides a more comfortable experience in cooking, with less use of the hands and fingers and no tight gripping needed.
SNAP Frames are magnetic interlocking photo frames. They allow the user to create their own compositions of photographs and display their memories in a unique way.
Soul is a luxury lounge chair inspired by the natural organic forms found in the South African savannah. The design interprets these forms to bring an artistic style to a living space. High quality timbers and fabrics are used to ensure luxury and comfort.
The *Crescent lamp* is a modern take on a classic candle or lantern. Its purpose is to provide a portable light source for moving around at night, without having to use overly bright ceiling lights, waking yourself and others. This is achieved using an induction charged sphere, floating through magnetic levitation.
Vande is a high quality piece of furniture for storing and preparing alcoholic beverages. The design started out as a minimalist piece, but was later inspired by the high quality works in the Chelsea Design Centre. The luxury and exclusivity of the furniture there is predominantly what inspired the outcome.
Lightreel is a flexible, backlit work surface aimed at assisting artists, designers and educators to optimise their working environment. It uses LEDs encased in three layers of flexible polyurethane, which form a thin flexible light with hard top surface for drawing or writing.
Sheer is a highly adjustable floor lamp for large interior spaces. This light provides a flexible solution for illuminating large industrial, public and domestic environments. Its lightweight carbon fibre arm, shade and bespoke LED system offer adjustable light levels and wider reach.
The CORAL light is intended to be displayed as an array of five individual pendants hung at various heights in the form of a helix. The complex shade is manufactured through 3D printing a mould, which is then cast in aluminium and powdered coated for a high quality finish.
Trådlös is a music system which provides the user with a continuous flow of music between the two products. The wireless headphones are used to listen to music on the move, then once home and docked, the music is transferred and played through the speaker whilst the headset charges.
Chan Hey Yung Agatha

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*ROOT* is a decorative bedside lamp made out of glass and wood. It is minimal, aesthetic and functional piece of home decoration which does not require any screws and fixing components when assembling.
STEMS is a smart transcutaneous electrical muscle movement tracker. It is aimed to help patients undergoing rehabilitation to track their muscle movements when exercising at home. Data collected can be made accessible to both the patient and their physiotherapist to promote an effective recovery.
Opportunity cases is an Aluminium CNC manufactured iPhone case, designed to ensure you never miss an opportunity to capture a special moment with your phone camera. Opportunity cases combines the tripod with a simplistic aluminium phone case, specifically designed to improve grip, durability and shock protection.
**Adrela Pen** is a slim-line design for the auto-Injector market. Based on extensive research the Epinepherine auto-injector has been completely re-designed to entirely suit the users needs, with a particular focus on size reduction. Adrela pen is available as an adult pen as well as a child option with additional safety features.
The Simkition chopping board can be used for cooking and dining. The simple stepped shape provides several functions to place and separate your food after chopping. It uses bamboo as the main material, to achieve an affordable design for all to have a chopping and dining board.
Irene is a two way anti-theft leather bag for women, to carry a safe and fashionable handbag when travelling. The multifunctional design works as a backpack or a crossbody bag. The design combines saffiano leather, soft fabric, cut-proof material, RFID blocking and hidden zipped pockets.
TiA is a solution for indoor bicycle storage. The design meets the common problem experienced with storing bicycles, helping protect the interior of the home. Using TiA keeps the floor clean and the bicycle safe.
flatY is an indoor bin with a hygienic built-in compactor. Instead of using an extra tool to compact the trash, the specially designed mechanism uses the bin bag to compact the trash. The inner lining can be washed easily to guarantee a much cleaner bin. It is also a flat pack design to minimise shipping cost.
The Heritage Collection is a complete set which involves a coffee press, grinder and timer stand. Organic and sustainable materials are used to combat electric coffee makers that end up in landfill and also encourages the younger generation to use traditional coffee making techniques.
FÖRFINA is a new alternative to combat packaged foods and encourage sauce and condiment making from scratch. FÖRFINA is a multifunctional blender bottle and a sauce dispenser to assist with scratch sauce making and replace generic plastic sauce bottles with a high-end, modern appearance and feel.
Andrew Cowen

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Lighting your creativity! This bespoke desk lamp is made from premium quality materials and is perfect for illuminating and decorating the working space. Exploring the relationship between the ambience and the user. **Lumav** changes appearance gradually, bringing a warmer glow as the day darkens, lighting your task with ease.
Colour for you & me! For visually impaired people - invites the user to scan any object to announce the colour. Enhancing the shopping experience by giving back independence. Aiding those who want to know what colour garments are in their wardrobe or on a store shelf. Includes contactless payments.
Cord: is a fun multi-functional desk lamp, designed to be a desk saving solution for students starting university; with the aim to be kept throughout their time away from home, as it is fully flat packed and packaged securely so it can be safely transported when moving house.
An interest in creative subjects is on the decline in Schools. How can creativity in children survive? **THE BUZZ** is a fun and engaging creativity boosting scheme for children starting High School. It includes workshops to help personal development in critical thinking and problem solving using design thinking.
A tool designed for people with arthritis and the elderly who struggle to open child safety caps on bleach and mouthwash bottles. It is painful and difficult for them to open these bottles with their hands. This design concentrates the pressure created, by squeezing the tool with two hands, into the lid to release it.
A tool designed to make the bar operate faster and keep fruits fresher for the high end bar industry. This tool allows on demand slicing and wedging to take place behind the bar quickly and easily, challenging the current methods which are slower and allow fruits to degrade.
Nona is a contemporary chopping board designed to make the cooking experience more pleasurable. The two bins allow for the easy separation between chopped food and the waste ends. The bins also allow for easier transportation of the food around the kitchen.
‘Tiny Feet’ is a charity concept aimed at increasing the survival rates of women giving birth at home in rural areas of a developing country. The Tiny Feet kit includes basic medical items and a step-by-step user guide designed to reduce pregnancy-related deaths through severe blood loss during the birthing process.
Anna Dudley

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The Treehouse is a set of products that detect domestic air pollution and alert the user when pollution levels get high. Designed for children, the purpose of The Treehouse is to educate the younger generation into living healthier lifestyles.
DEFENDER REPLAY is made up of 2 parts. An internal system built within the car that captures images of passengers on driving holidays or roadtrips. The second part is made up of 3 products. A journal, pen and projector to help plan, experience and relive moments that are often missed on car journeys.
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Pearl is a collection of decorative bowls: made from plastic bottles, resin and perspex sheets. Intended to be a luxury range to make the user think about recycling and waste and the possibilities which can be had from a material thrown away every day.
The future of retail is digital. It has been found that the dreaming mindstate of shopping is not being exploited. To address this is an app and smart mirror located in shopping centres. Which allows users to create a personalised world of clothes, virtually try them on and match with items they have at home.
Fusion is a luxury pendant light that combines interesting materials and manufacturing. The materials that are combined are concrete and liquid latex and the manufacturing method is centrifugal casting. Fusion creates a juxtaposition. Concrete is typically viewed as brutalist, however, Fusion is elegant and organic.
Shūgyō promotes the skills needed when learning how to shave using traditional methods. The design of the straight razor and single edge razor both encourage muscle memory to maintain the correct angle, pressure and speed. Shūgyō makes the shaving routine a pleasure and will no longer make shaving daily a chore.
Deckwear is a skate bag with a twist. On the outside, a simple mono-toned bag is seen, on the inside is a skeleton, designed to maintain the shape and structure of the bag. In order to keep a consistent level of comfort for the user and protect the contents of the bag.
Stijgen (Dutch for Rise) is a desk designed for professional designers who work from home. It’s a desk designed for use at both a sitting and a standing position.
Plus gives consumers easier access to natural remedies through the infusion of herbs and spices. Different health pods contain different natural ingredients, which help with various illnesses and deficiencies. Health pods screw into the base of the bottle and naturally uplift the consumer.
A personal stethoscope that transfers sound vibration from the user’s neck to the ear drums. This *Meditative Aid* gives focus to the consumer’s heartbeat and breathing pattern, and in turn, breaks the flow of everyday thought and puts the user in a physical state of relaxation.
Max Hale

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*BEAM* is a high end, multi purpose task light for the home. Designed to be used to light up any desk space. Alternatively when you are away from your desk, *BEAM* can be rotated to shine on the wall to create an ambient back light for your room.
NOOK is a range of dividers that allows users to create versatile working environments, in a range of open spaces. As well physical partitions, NOOKs 100% biodegradable wool felt absorbs any unwanted noise, allowing users to escape from the chaos.
MediAid is a cutlery set designed to assist people with hand tremors (e.g. Parkinson’s Disease) in performing the daily activity of eating & drinking. MediAid is easy to use by on/off switch & vibration level buttons with the vibrating handle technology tricking the users brain allowing them to eat with ease.
Medella is a spa lounger designed for luxury spas. The design itself is to maximise comfort and relaxation during the users time at a spa, it has been ergonomically designed to fit the users shape.
Samuel Haslam

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Studious is a student desk organiser aimed at university students. Requiring no screws or permanent fixtures, this free-standing organiser can fit onto a range of desks. Studious is an adaptable system which can be customised to any student’s needs, and aims to reduce clutter in home workspaces.
Acorn is a smart system which aims to increase independent living in the elderly, using a range of sensors around the home which monitor an elderly user’s daily habits to detect potential health issues / concerns. Notifications regarding concerns are sent to a younger relative or carer through a smartphone app.
The **Powerfix** allows the user to charge both phone and tablet with a 10,000 mah capacity. With the use of intelligent bluetooth technology, the device will notify if has been left behind. Powerfix will last longer, the integral power pack is easily replaced and swapped using Powerfix upgrade service.
This bedside sleep aid tackles the issue of device use at night. Devices expose users to unwanted blue light which affects the circadian rhythm which in-turn prolongs the sleep cycle. By placing a device in the sleep aid, this then triggers a warm ambient light and an aroma to help reset the sleep cycle.
AdapterLite is a desk lamp with a rugged aesthetic to suit a range of environments. With the shade swivelling a full 360 degrees, and the base able to be fitted to a wall, AdapterLite provides a highly adjustable light source. The lamp uses reclaimed metal and comes in both a dark and light wood variant.
Precision Brew is a companion for the coffee enthusiast, aiming to help monitor the most important factors in brewing good coffee; grind/water ratio, water temperature and brew time. Combining an induction heater with an integrated weighing scale and timer, users can easily measure these to suit their preference.
Narwhal tools are a selection of gardening aids to help people recovering from strokes. The tools enable and prompt the user to get back into using some of the simple movements in their hand. Its soft and modern design gives the user a comfortable grip when being used.
With naturally sourced wood and recycled plastic and metal; *Elysian* is 100% environmentally safe. Designed to fit onto people's balconies or small gardens to create a more liveable space and a relaxing environment. With the added plants Elysian becomes a personal forest for the user to immerse themselves in.
The Provide Pot feeds an even distribution of water to the plants roots, eliminating the risk of root rot and overgrowth. Designed to house a range of ‘easy-to-care-for’ house plants that increases the user’s mental and physical health through air purification and horticultural therapy.
The Node Speakers acts as both a sound bar and surround sound speakers for home cinema entertainment. These high end speakers provide the listener with a quality and personal 5.1 surround sound experience by detecting human presence in order to direct sound to the listener.
Katherine Kermack

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A fully biodegradable bamboo pen inspired by traditional Japanese joining techniques. It has a soft retractable lid to solve the issue of lost lids and uses natural inks. XYLM’s name was inspired by the xylem vessels in plants. The ink travels through the nib in a similar way that water travels up a stem.
Local artisans often work from home. The lack of visible shop means they miss out on passing trade, relying on online sales. Hidden Artisan cabinets provides a secure, branded visual landmark for artisans to sell and advertise their wares outside their home or studio. The app allows customers to find artisans in their local area.
Purion is a filterless, ionic air purifier and humidifier device aimed at the luxury market in urban dwellings. The product removes pollutants from the air and creates a healthy environment with its ionic feature, scientifically proven to increase health and mood.
The yacht concept works on a modular superstructure system which allows the decks to be prefabricated off site and assembled in a much shorter time than conventional yachts. The upper deck level, inspired by cantilever architecture trends, rotates 90 degrees to create more available deck space.
Aimed at improving the effectiveness and quality of a hand wash, **Companion** is a compact and portable washing aid that enables travellers to wash clothing conveniently and quickly. Multi-functional and ergonomically designed to eliminate laundry fees and the need for buying detergent.
Focus on employee health and wellbeing in urban offices will change future office design. Driven through primary research and the influence of biophilic design, this working space aims to decrease stress and boost productivity through increased organisation and noise reduction.
Everyday kitchen utensil holders are one of the most unattractive and unorganised pieces of equipment to have in a kitchen. With the Branch kitchen utensil holder only the most popular utensils are displayed, reducing the amount of clutter in the kitchen as well as accommodating all types of utensils.
Dehydration is an occurring problem in hospitals due to how inconvenient the current jug is. After working with nurses and specialists throughout the NHS this new alternative solves many of the main issues resulting in a better experience for the patients and making the day to day lives easier for hospital personnel.
100% biodegradable packaging for The Bear Kitchen Co. London based restaurant. The packaging range consists of bowls, small and large plates for their “grab and go” range. The product is made from seeded paper which, after use, the user can grow herbs at home or can be sent to landfill where it will biodegrade.
The knee brace is to be used after knee surgery, to protect the knee in recovery. It is designed to improve the user's experience over the current braces available. I have achieved this through the following improved features; non-slip straps to prevent the brace sliding, light weight and more hygienic for the user.
Hannah Manley

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It’s a Me! Interactive smart toy tracks your child’s day for the perfect bedtime story. Bluetooth, GPS, and motion trackers are combined in a cheeky little character that detects its friends, recognises your favourite locations, and rewards children with points for good behaviour and doing chores.
Start the stem cell revolution: *Stem Aid UK*, the kit and system designed for non-profit stem cell donation, brings women together to support each other’s donation process and celebrate the gift of life provided by something that women routinely dispose of each month.
The focus of this project was to design a pendant light fixture that sourced all components from within Britain. It aimed to promote awareness of what is capable when doing so and by making the cables the main focal point, it also offers an alternative look to the design of a typical pendant light.
The focus of this project was to provide a solution that gave the wearer a higher level of protection as compared to a standard football ankle guard. It aimed to achieve this through the use of targeted, ergonomic design. It also incorporates a material with unique properties; a soft, flexible component that hardens on impact.
ORB is a hand crafted sculptural task lamp that can be self assembled. Each piece of the lamp can be slotted together with limited fastenings and is balanced using a magnetic counter-balance. The concrete base contrasted with the olive and beech lamp shades is an example of a minimal modernist design.
The H Chair is a piece of furniture design that combines Danish and Japanese inspired hand-craftsmanship. Each piece is carved by hand and designed using carpentry techniques. The mid-century inspired lounge chair is formed using a draped leather hide contrasted with light and dark hard woods to add to the style.
The Narrative Series communicates a story through its unique form and colour, which has been designed from the outset to use reclaimed materials. Pages from “The Hobbit” by J.R.R. Tolkien have been hand folded and sewn together creating a bespoke lighting piece suitable for the home environment.
The *Pyramid Roller Cleaner* brings a new, faster way to clean paint rollers without the mess. It incorporates a unique silicone pyramid design throughout to aid cleaning right down to the core. Handheld and easy to use, The Pyramid Roller Cleaner is suitable for novices and pros alike.
Source is a desk/table lamp that has been designed as a celebration of British design, materials and manufacture. It is made of materials that are all sourced from within Britain, predominantly English Ash with Walnut highlights with a leather wrapped shade, and hand-made by British craftsmen.
The **CK Breakfast Bar Stool** is designed for the bespoke cabinet makers Charlie Kingham. Designed to fit in with the traditional shaker style used by the company while improving upon the practicality of traditional stools by integrating a rotation seat. This stool brings together the best of traditional and modern design.
The *Embark DSLR bag* challenges the perceptions of how a camera bag should appear and function. The bag, comprising of 14 ounce waxed canvas and tanned leather appeals to a new demographic that’s keeping the DSLR alive, despite the rise of smaller, more compact camera technology.
Revive Sport challenges the difficulties that young hearing aid users face with physical sport. A small silicone mould that slips onto the hearing aid and hooks around the back of the ear allows users to engage in sporting activity without the fear of their hearing device becoming loose.
The aim of the project was to recycle waste (eggshells) into biodegradable pottery, to reduce waste that going in to land field. Plates and cups made out of bio plastic with eggshells. Eggshells give nutrition in to the ground, contains calcium as well as gives pottery a nice stone texture.
Purpose of this customizable toy is to empower little girls to celebrate themselves by customising toy in their own preference. The aim is to teach and help little girls to freely express their emotions without judgments by putting faces on the toy to express their own feelings.
Laurence Organ-Jennings

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Modern minimal lounge lamp, designed for the Native Craft Collective. Structure composed of laminated oak, utilising contrasting metal components including the turned feet and a spun aluminium lampshade. The lamp was designed in line with the values of honesty, quality and recognition of hand craftsmanship.
Café/Bistro style chair, designed for the Nottingham based Café Sobar. Structure composed of a tubular steel frame with laminated plywood seat rests. Designed to expand the café’s playful aesthetic, using bright colours and soft curves, in addition to using minimal construction processes to aid production.
A semi-exclusive range of desk accessories designed for the home or office desk space, the *Resin Collection* is a contemporary range of items designed to de-clutter and simplify the workspace whilst exploring the previously under-utilised application of resin casting and copper powders as a premium material.
As homes within densely populated cities become increasingly smaller, demand for space-conscious furniture solutions has increased. Inspired by Danish design the Type S chair is a high-end compact chair designed for everyday use where current folding chairs compromise on form and ergonomic comfort.
Valo is a transportable light source which aims to minimise the amount of lighting we use within our homes. Disconnecting from its static base, Valo can travel with us throughout our household, re-creating respectful connections between human and light thus eliminating the need for other lamps within the home.
Pilgrim is a perching platform with nomadic tendencies, its design is based around the needs of a plein-air artist. The concept arose from the lack of options they had when it came to seating. Therefore, Pilgrim was created to form an extension of their kit. A structural, lightweight and collapsible stool.
Le Qiaowei

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Safer-RL is a bicycle taillight that can improve cycling safety by reducing the number of accidents between bicycles and cars from the rear.
Safer-Cooking is a new, wet chemical fire extinguisher that targets grease fires in the home kitchen. It has combined the traditional spray-style fire extinguisher and fire-fighting grenade. Two shields can protect the user to avoid the wave of hot air and splashed grease.
Encapsulate is a modern take on kitchen utensils, combining the ingredients and the hardware to create a unique design every time. The Splintering of the wood creates something new with each utensil, the combination of resin with herbs and spices gives the utensil a place within the kitchen environment.
Scride creates a universal piece of furniture that fulfils both you and your pet's needs simultaneously. With the scratch post to prevent scratching elsewhere and a hidey hole built in, you and your pet can share and enjoy your space communally and peacefully.
Re-ID Swivel Chairs provide interior environments with a high end seating range that has come from a sustainable approach, promoting a company’s green image with a clean conscience. Re-working disused wooden office furniture and desk chairs, upholstered in new foam and fabric.
Screen movies and games under the stars or in the day, al fresco, with this close-away sofa. Movable in and out of the sun or shade, on wheels in the style of vintage projector reels. This unit saves storing cushions whilst protecting the comfort of upholstery and electrics from unpredictable weathering.
In the modern day, gender is no longer black and white, industries such as fashion have started to adapt to this, designing unisex products. **Be.you** is a skincare brand, providing a modular unisex skincare regime, making it simple and easy for all to have good skin and a tidy bathroom.
In 2008, the cosmetics industry alone created 120.8 billion units of packaging. Horizon aim to be a luxury cosmetic brand featuring stunning refillable lipsticks that can be personalized by cap color and initial embossing. This brings refilling up to a premium standard that could be accepted in the cosmetic industry.
The *Thrive Fuel Cell* is a new convenience retail service concept. Aimed at the health-conscious market the Thrive Fuel Cell creates and sells natural energy smoothies. Thrive’s unique online click and collect service, enables personalisation and collection at a time and location of the users convenience.
The *Tempest Air Monitor cycle helmet* uses sensor technology to monitor its surrounding air quality. Aimed at inner-city and rural cyclists, the user is notified when pollution is high. An easily accessible air-filtration mask can be deployed quickly, reducing the inhalation of unwanted air pollutants.
A luxury leather desk tidy that easily transforms into a secure laptop carrier. GBL is a Great British brand, promoting the quality and fine detail of British products. With additional storage options it creates the ideal portable work station.
Diabetes can cause huge stress in the family home, the bond between parent and child is crucial to the success of the treatment, using app technology the parent has full tracking on their child progress through adolescence, relieving stress from the parents.
Aura is a desk lamp that focuses on simple design and clean colours. The base of the lamp has been carefully created using a unique blend of sustainable cement and other natural materials. The top section of the lighting fixture focuses on creating a warm atmosphere in any part of the home.
Breastfeeding in public is an ongoing controversial topic of conversation. This design provides new nursing clothing, which aims to reduce the negative stigma that breastfeeding in public can have and makes breastfeeding clothing in public functional and fashionable, while protecting the mothers dignity.
The Urban Weekender Backpack is a unique dual ended roll top backpack designed for short term urban travel trips, created alongside a new brand Pluvio Supply Co. The backpack allows the user to tailor the size of their backpack to any situation for both travel and day trips during their trip.
A new urban running shoe designed in partnership with Adidas specifically for night running. The shoe combines a removable fibre optic light up cage and 3M reflectivity for both safety and aesthetic. Like the brand, the lighting element of the shoe is powered by the athlete, with pressure pad electrical generators.
The *KickBrick* is a modular shoe storage system that allows users to display their collection as they see fit. The KickBrick features a backlit panel that highlights the users shoes and creates a feature within any room. Modularity and versatility allows for custom configurations to be easily created and expanded.
The wristbands are designed to make cyclists more visible when cycling in low light conditions. They are designed to work in conjunction with cycle schemes around the world, to make visitors safer and more aware of the rules of the road when visiting a new city.
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Emp-Ti is a clothing storage system based on the Japanese concept of emptiness, it dry’s clothes through fan-assisted heating, whilst the form instructs the cycle of the clothing. Its utilitarian yet multi-functional purpose aims to condense the amount of products used within the cycle of dirty, clean clothing.
SSRU is a self-sufficient, domestic rearing unit which breeds insects into edible food, whilst housing them correctly via the designed sections and microclimate. This product is built around the growing need for alternative food sources, whilst still needing food to be affordable, abundant, nutritious and environmentally aware.
Aimed at creative professionals, the Slght lamp is the result of in depth research on user activity and comfort. The custom hinges are designed to allow full axial and effortless adjustability, whilst elegantly complimenting your workspace, emitting a soft and warm diffused glow.
Entirely tailored to student designers varied and fast pace lifestyles, the design allows the user to easily separate their personal and work life all in one bag. Down to every detail, the backpack creates the perfect balance between aesthetics and function without compromise.
Organiser Lamp is a station for all of your most important items to be situated. With a lamp function aimed to stop people getting out of bed to locate items placed on their bedside tables. With specifically designed trays for different users every young adult or student will benefit using the product.
Sketchies Toy Storage is a solution for the mess children cause whilst playing with their toys. With incorporated weight sensors to encourage the child to tidy up. This is by rewarding the child through the use of an in-app game, or rewards by the parent purchasing alternate scenes.
The Parallel table is an extendable table taking inspiration from the scandinavian design movement of simplicity, minimalism and function. The table does not have any fixings allowing the tabletop to rest on the frame; and slide on specifically CNC cut grooves to extend the table using the shelf.
The L1 bicycle light is lightweight, compact, and removable. The bicycle lights are LED, ideal for urban commuters providing good visibility. The front light producing 20 lumens and the rear 11 lumens, both with static and flashing modes. Available in a range of different colours.
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BA (Hons) PRODUCT DESIGN

2017
We must say a fond farewell to our Head of Product Design, Alan Crisp, as he retires from the University this year, after 38 years of dedicated service. As a team, we would like to take this opportunity to thank him, on behalf of all current and former students and colleagues at the University, for his wisdom, support and humour over the years.

We hope you enjoy your retirement – we will miss you!

Best wishes,
Product Design
THANK YOU

The degree show and brochure wouldn’t have been made possible without:

Head of Product Design
Mr Alan Crisp

Course Managers
Mr James Dale
Mr Chris Lamerton

All Individual Tutors

Course Leaders
Dr Rebecca Gamble
Dr Joseph Stewart
Dr Matthew Watkins

Photography
George Ainsworth
Ellen Bowley
Chloe Calman
Rory Fuller

Printers
Steve Seddon at Hickling and Squires
A special thanks to the workshop and technical staff for their expert knowledge and supportive guidance.
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Agatha Chan
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Ben Irwin

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Jake Tebbutt
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Dan Hook

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Jag Bisla

Ellen Bowley
Rebecca Doherty

Chloe Calman
Nikian Aghanabaie
# SHOW DATES

## DEGREE SHOW 2017

- **Private Viewing** | 2nd June 2017
- **Public Viewing** | 3rd June - 10th June 2017

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## NEW DESIGNERS 2017

- **Part 2: Product Design** | 5th July - 8th July 2017

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