



Miles Hamer

Portfolio ■ Creative Product Design



About me...

I am a 23 year old **Creative Product Designer** from **UWE Bristol** and am graduating in summer 2018.

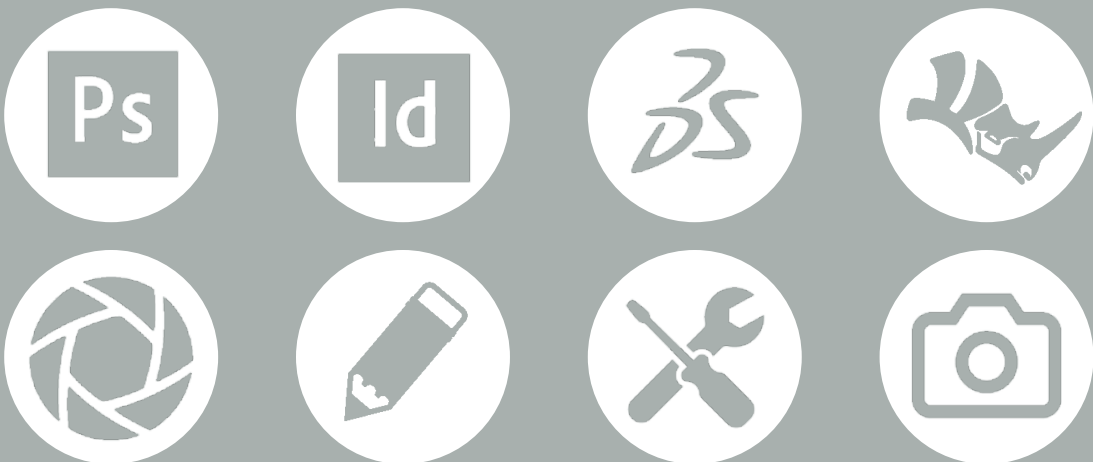
Creative design has been a strong influence in my life since I was young, I've have always been fascinated by the different kinds of design and how products are made and the influences behind them.

My **year out in industry at Aegg Ltd** was really good for me. It changed the way that I look at a design challenge and what can realistically be done in design but hasn't stopped me from pushing the boundries.

Hobbies



Skills



Employment

- 2016 - 2017 **Aegg Ltd Creative Packaging**
Ideation sketching, Photoshop rendering, InDesign graphics, Solidworks CAD - Placement year
- 2015 - 2017 **4titude**
Working in laboratories doing quality control, Manual labor
- 2014 - 2016 **Hurtwood Inn**
Bar Staff, table service & KP
- 2014 - 2015 **Tart Cafe**
KP
- 2014 - 2015 **Vida Health and beauty**
Website & Leaflet Design
- 2010 - 2014 **Solar Roof Installations Ltd**
Design work, websites, Logos, Banners, flyers & admin work



Work Experience

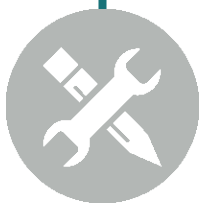
- 2013 **Domus**
Sitting in on the designing, visiting the main warehouses and showrooms



Education and Qualifications

- 2014 - 2018 **University of the West of England**
Degree - Creative Product Design
Degree Classification - 1st
- 2012 - 2014 **Godalming college**
A-levels - Product Design (A), Photography (A), Environmental Science (E)
- 2007 - 2012 **Glebelands School**
CSEs - 9 grade A-C including Maths and English

Projects



Reducing social stigmas of walking aids **1**



2 Graphic design for product brochures



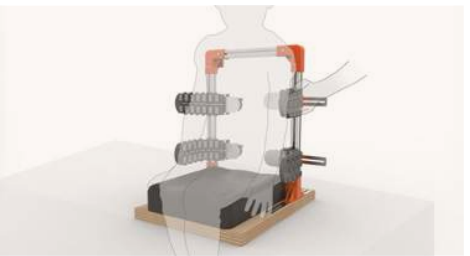
Futuristic shopping at Bentley Motors **3**



4 Bath toy to help children sleep



3D printing meat for a sustainable future **5**



6 Fitting support for wheelchairs in Kenya

Reducing social stigmas of walking aids

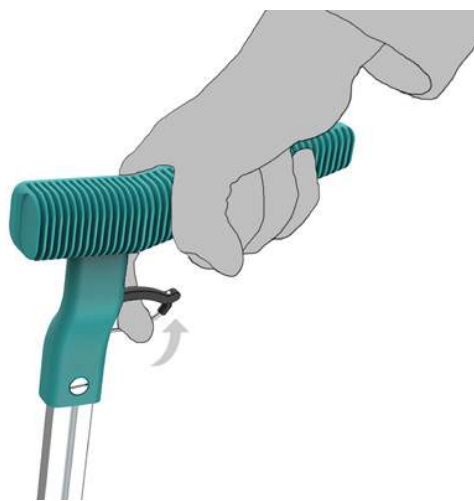
Final project of final year of degree

“Changing the perceptions of walking aids”

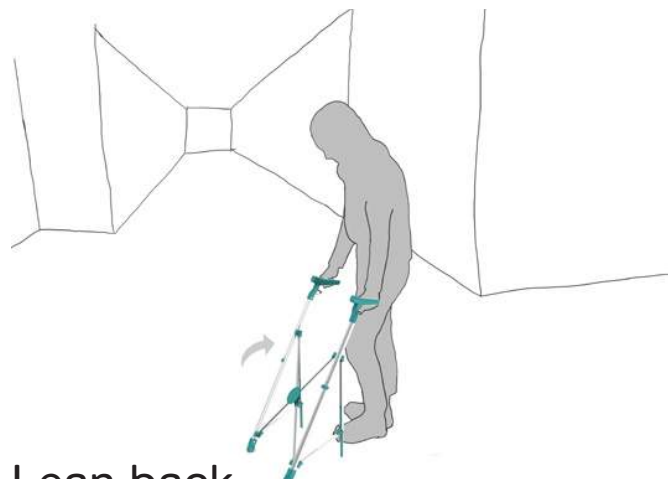
TX
Walker



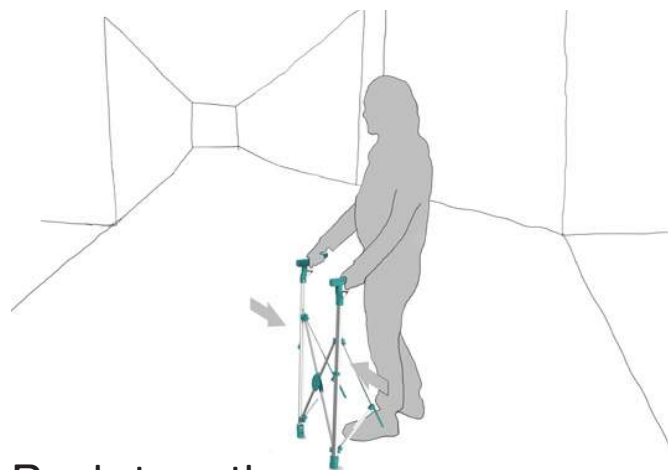
Pull



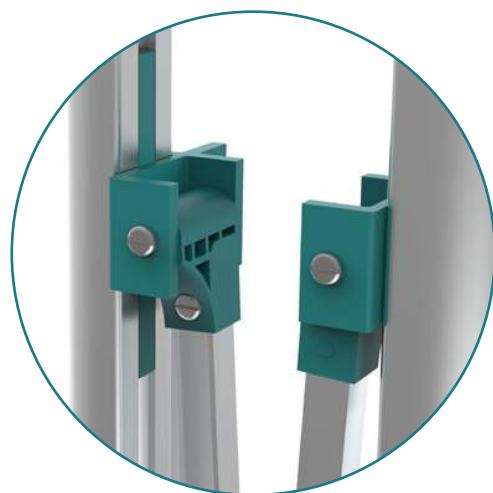
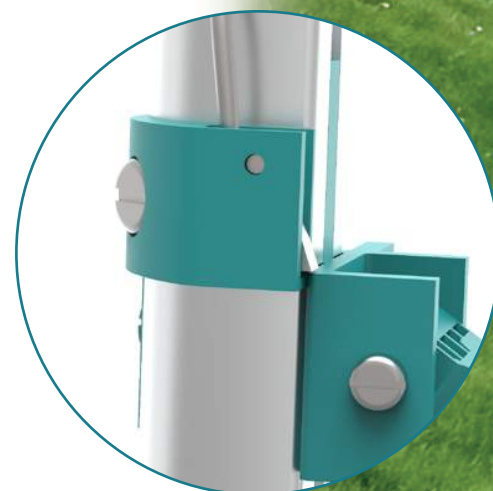
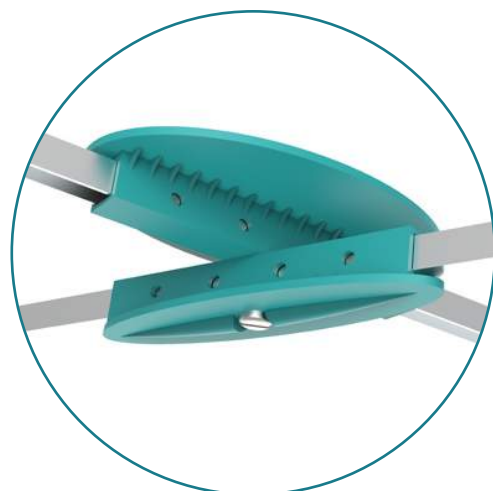
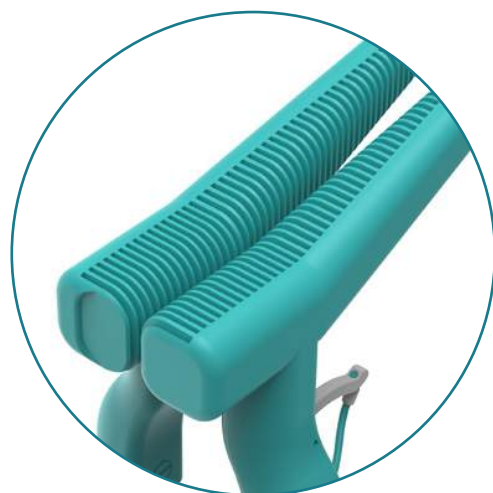
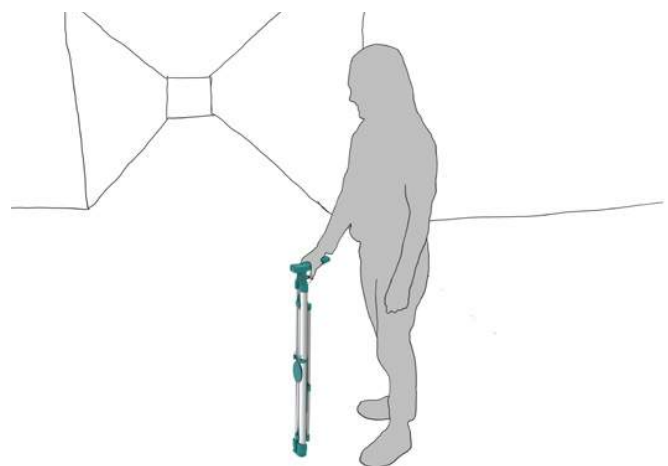
Lean back

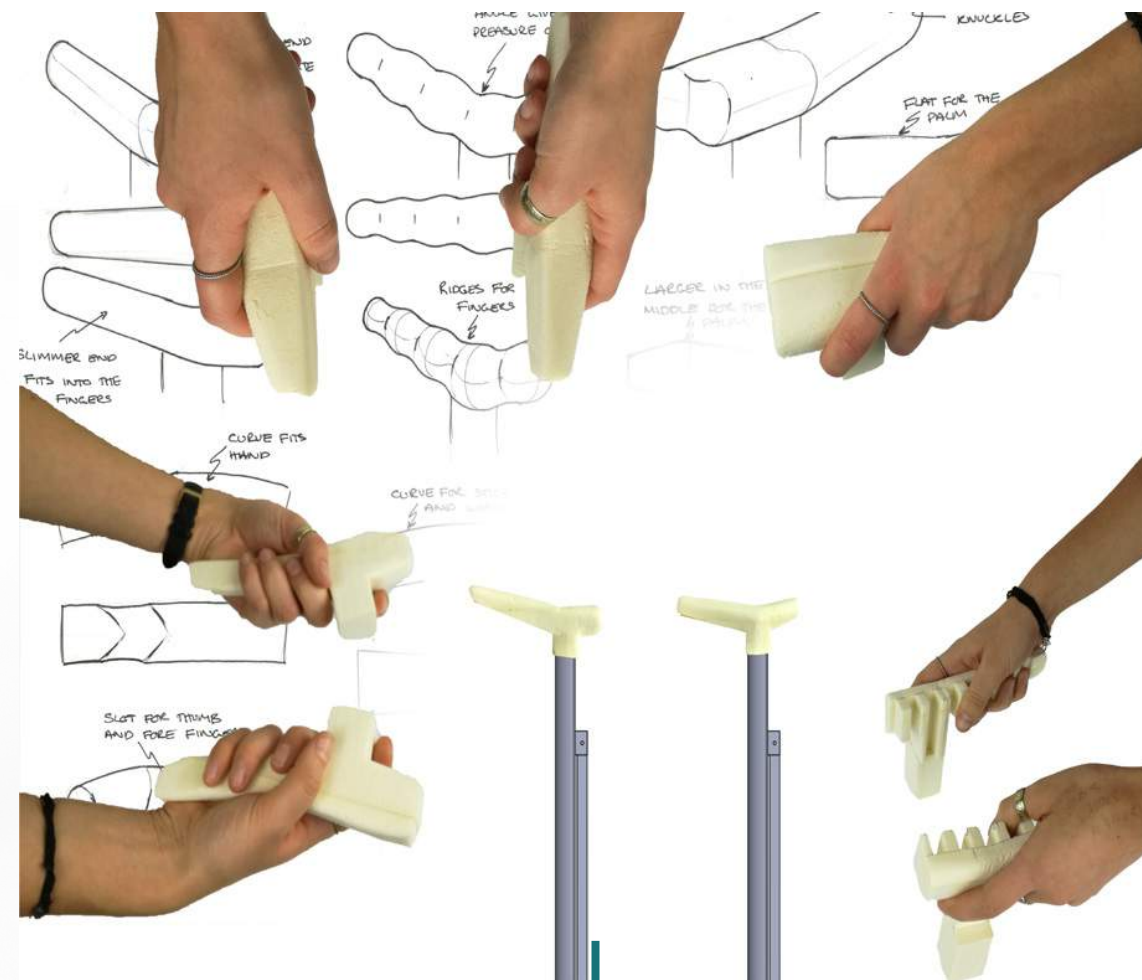
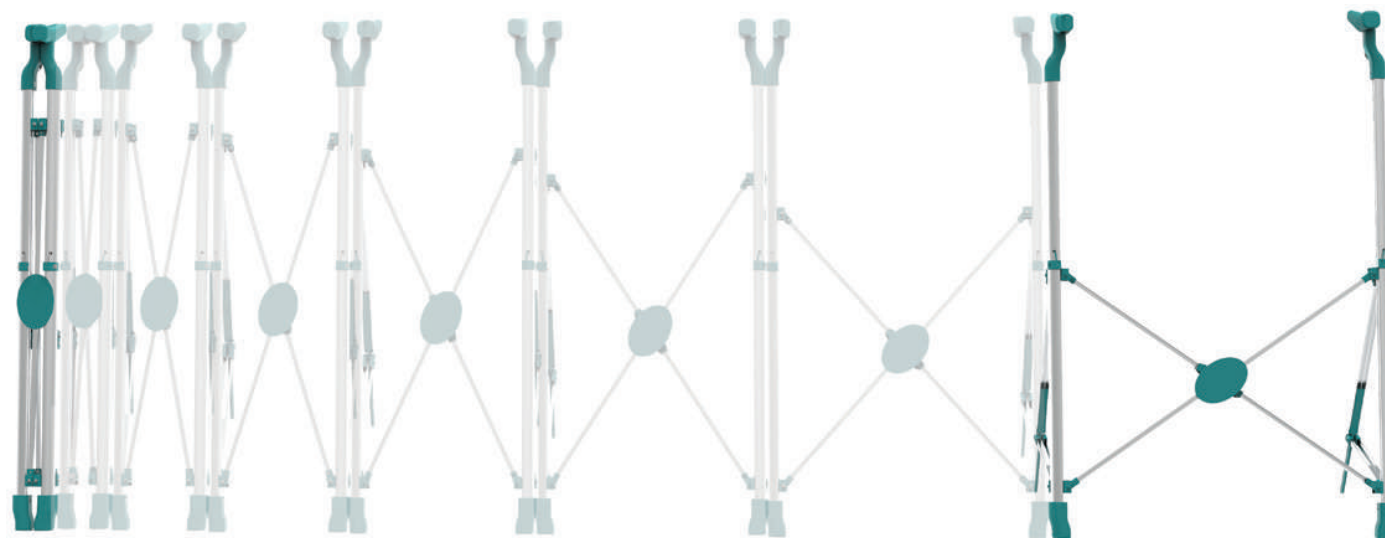


Push together



Walk





What is it?

The TX Walker is a convenient, light weight, collapsible walking aid. It is both a walking stick and a walking frame. With a simple pull of the trigger you can collapse the TX Walker down into a walking stick.

What was the problem?

People are reluctant to make the change and buy a walking aid for fear of how they will be viewed by others. The fear of having to change the way you walk, something you have done since childhood, is a serious factor in building this negative stigma that is attached to using walking aids. It is assumed that using a mobility aid is the first step towards losing your freedom through mobility entirely.

Graphic design for product brochure



Placement project at Aegg Ltd

“Simplistic and clear making it easy to find what you want”

Square Selection (60ml - 1300ml)



60ml Square PS Shot
Page 2



75ml Square PS Shot
Page 3



150ml Square PS Pot
Page 5



165ml Rounded Square PS Pot
Page 6



200ml Square PS Pot
Page 6



1300ml Square PS Pagoda
Page 8



700ml Square PS Pagoda
Page 8



70ml Round Ramekin
Page 2



108ml Round Ramekin
Page 4



210ml Round Ramekin
Page 6



D = Approximate Diameter (mm)
H = Approximate Height (mm)

Full s
Re

...te food packaging for UK, European and global customers and brand owners. Besides our ranges of off-the-shelf products, our services can include design conceptualisation, prototyping, pot production and delivery to your factory gate. Our work is in plastic, but not exclusively so. We have UK and overseas manufacturing facilities so that we can offer the best advantage of currency, raw material prices, production speed and technical expertise on your behalf.

Material of each pot is included in the product name. All pots are suitable for hot and cold eat and have additional qualities depending on the material.

General Purpose Polystyrene Food Grade
 Suitable for: Heating - No; Freezing - subject to customer trials

Polypropylene Food Grade with Food Grade Masterbatch
 Suitable for: Heating - Microwave only; Freezing - Yes

Polyethylene Terephthalate Food Grade
 Suitable for: Heating - No; Freezing - Yes

Customers are responsible for fully trialling products to confirm suitability of application.

Capacities (as noted in ml) denote the fill capacity to the pot brim. Depending on your food, product weight and production needs, you will want the fill volume to be less than this. Please enquire further about prices as these depend on a number of considerations. The very keenest prices will be available for large volumes agreed under signed contract.

Contact or follow us

Aegg Ltd, 46 Royce Close, West Portway Business Park, Andover, SP10 3TS
 +44 (0)1722 416401
 info@aegg.co.uk
 www.aegg.co.uk (monthly newsletter available)



What is it?

I was asked by Aegg to create a new look for their product brochures that they send off to and hand out to prospective clients. They asked for a clean and simple layout that was easy to follow.

I had to photograph every product they had and edit them in Photoshop. I also create the photoshoots and photographed the big images in the brochures.

What was the problem?

On the previous brochures the product images were very small and hard to see in detail. Not all options were shown for each product and the brochures were dull to look at. There were no images of products in use and no fluent layout.



PRODUCT

Code: B0041M
 Product: 135ml Round PS Short Tumbler
 Diameter: 65mm
 Height: 56mm

QUANTITY

Box Qty: 448



Web: www.aegg.co.uk / E-mail: orders@aegg.co.uk / Tel: +44 (0)1722 416401
 Dimensions are approximate / All designs are the copyright of Aegg Ltd



PRODUCT

Code: B0011M
 Product: 200ml Square PS Pot
 Width: 72mm
 Height: 71.50mm

QUANTITY

Box Qty: 580

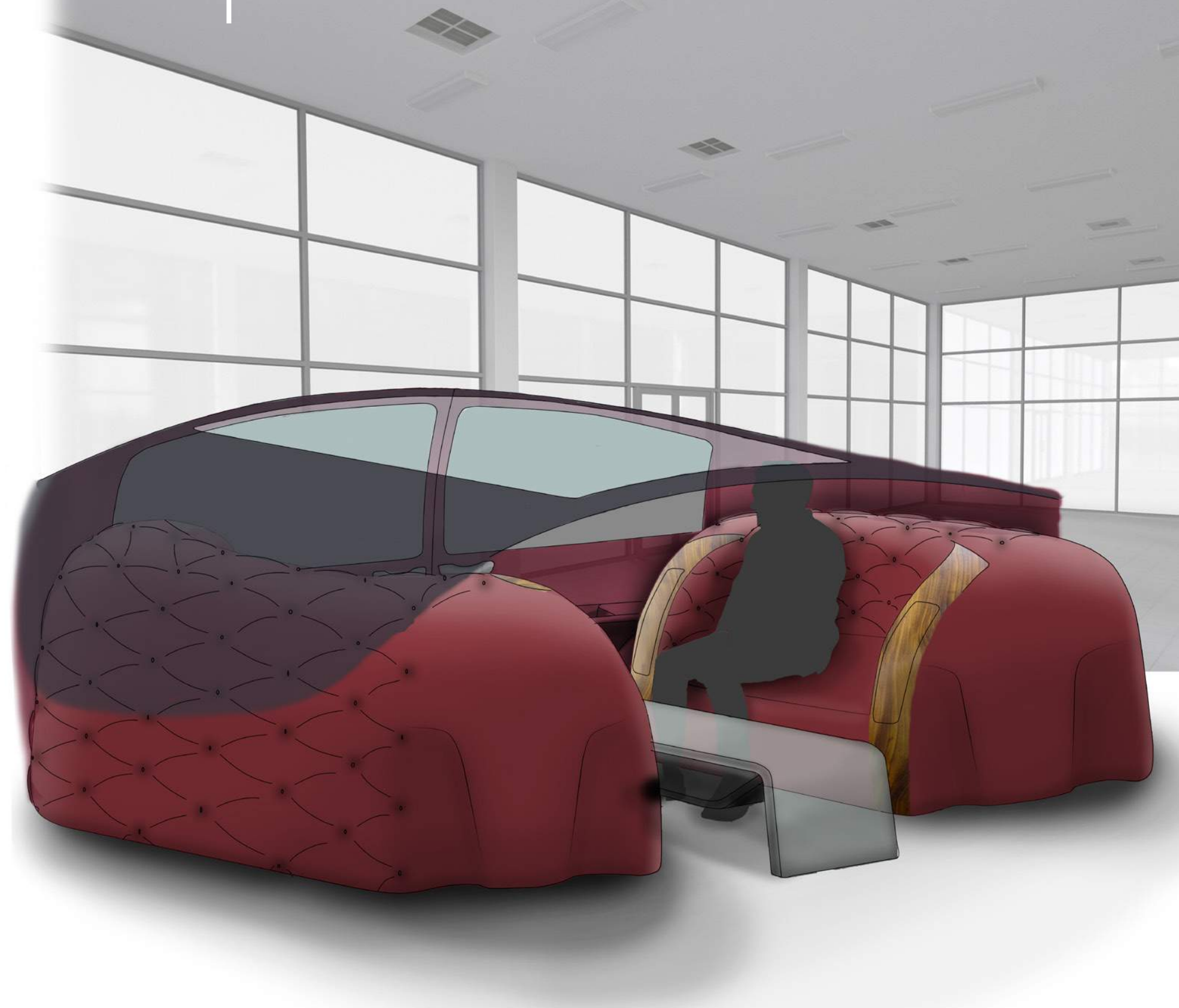


Mini Deliveries - Maximum Service

Furturistic shopping at Bentley motors Ltd

Final year of degree

“Keeping the
experience but
reducing the space”





Greeted by the sales rep.



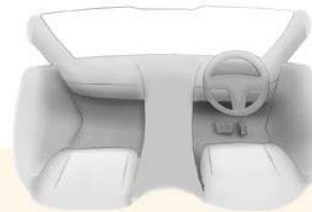
Choose to be driven or to drive.



To Drive



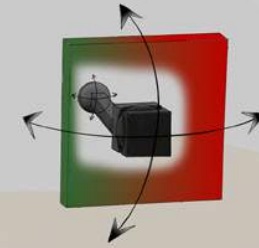
One car for the whole Bentley range.



AR interiors are project over the cars interior.



Swipe through the interiors changing colours, materials etc.



Exterior of the car changes as the interior does.



Test drive the in-tier range in one test drive.

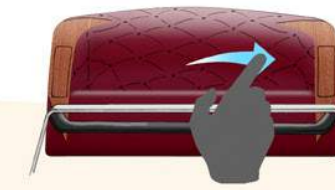
To be driven in



Interior sofas of future Bentley.



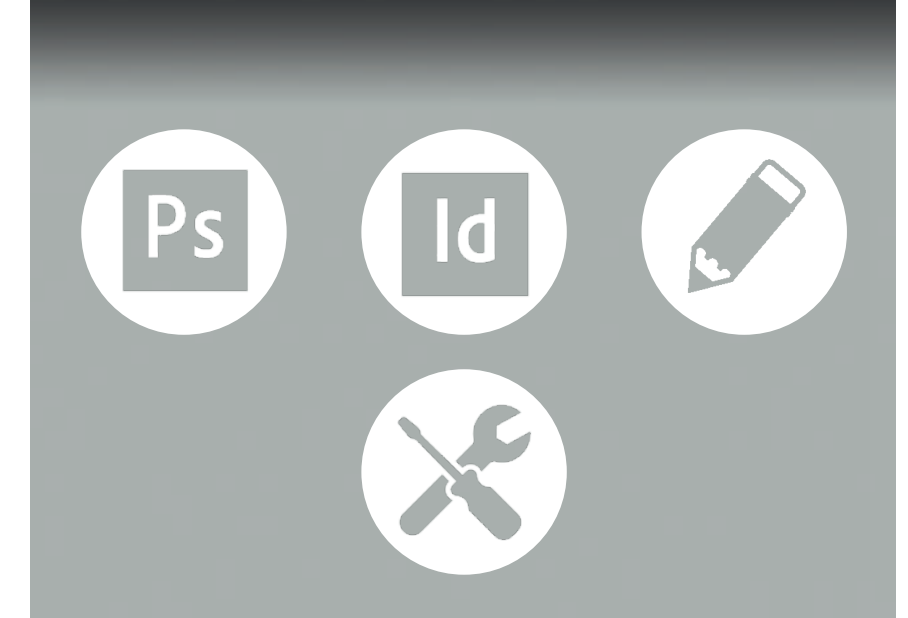
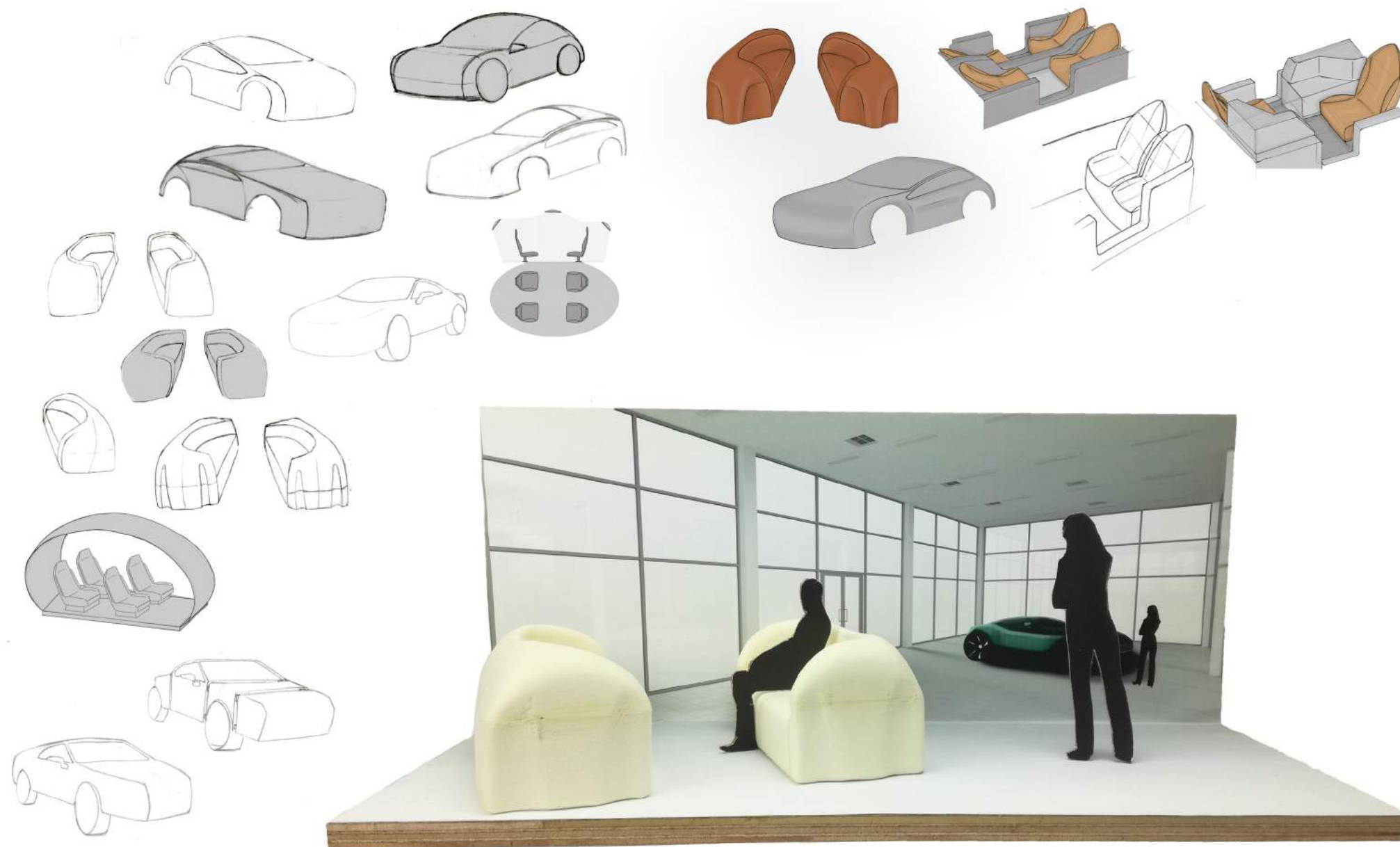
AR Bentley interiors projected over the sofas.



Swiping through the interiors, changing colours, materials etc.



Seeing the how Bentley range in 1% of the space.



What is it?

This is the future of shopping for Bentley. Using AR (Augmented Reality) and AltraHaptics, the interior of Bentley cars are projected on and around you while you are sitting on the futuristic Bentley interior seats. This allows you to be immersed in multiple cars in a shorter space of time.

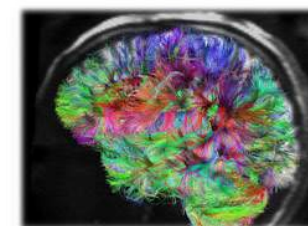
In Store



Online



In the vertical



What was the problem?

In the future, space will be highly valued as our population expands. Car showrooms take up some of the largest footprints of retail. My solution would allow you to fit a showroom's selection of cars in a much smaller space, but not reduce on the experience that a Bentley customer would expect.

Bath toy to help children sleep

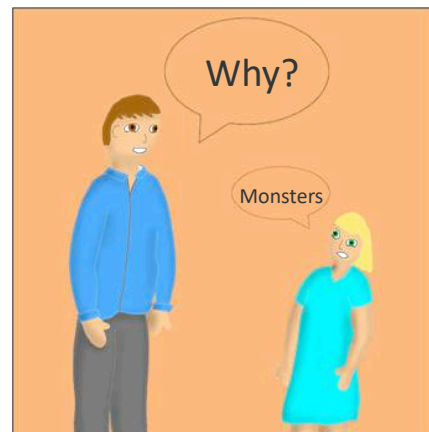
Final year of degree

“Calming your child,
giving everyone a
better nights sleep”

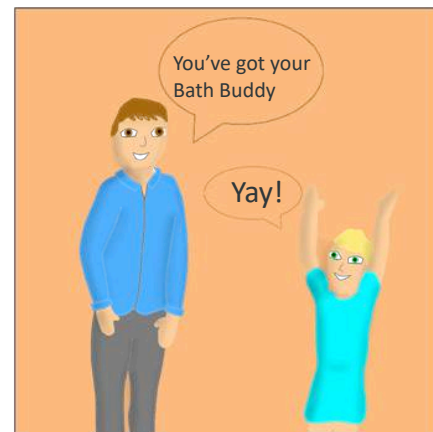




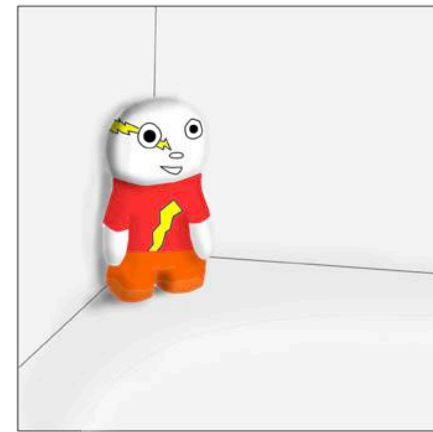
The bed time routine is a great way to get a good nights sleep.



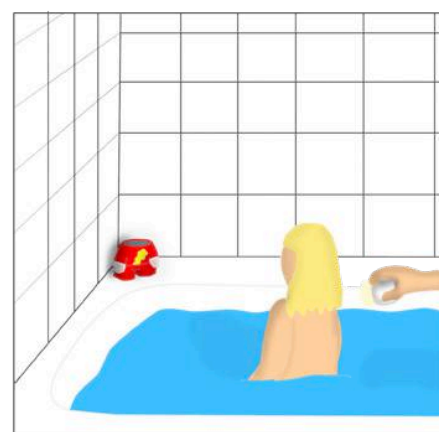
One of the main ones is fears. Fear of monsters, the dark or strange noises.



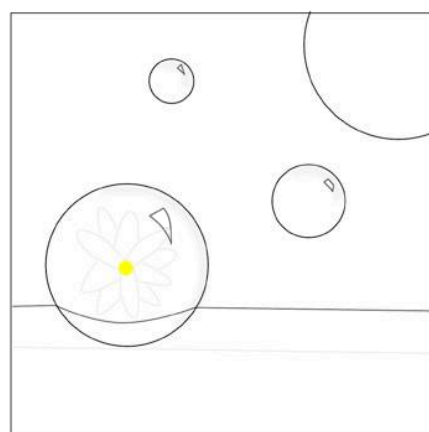
They need something to help them with the anxiety of fear.



The Bath Buddy. A fun friend that helps keep all the bad at bay, as well as keeping you clean.



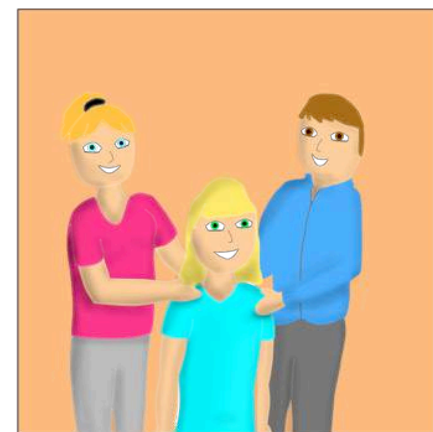
The Bath Buddy cleans the children and makes them feel safer from monster the dark and strange noises.



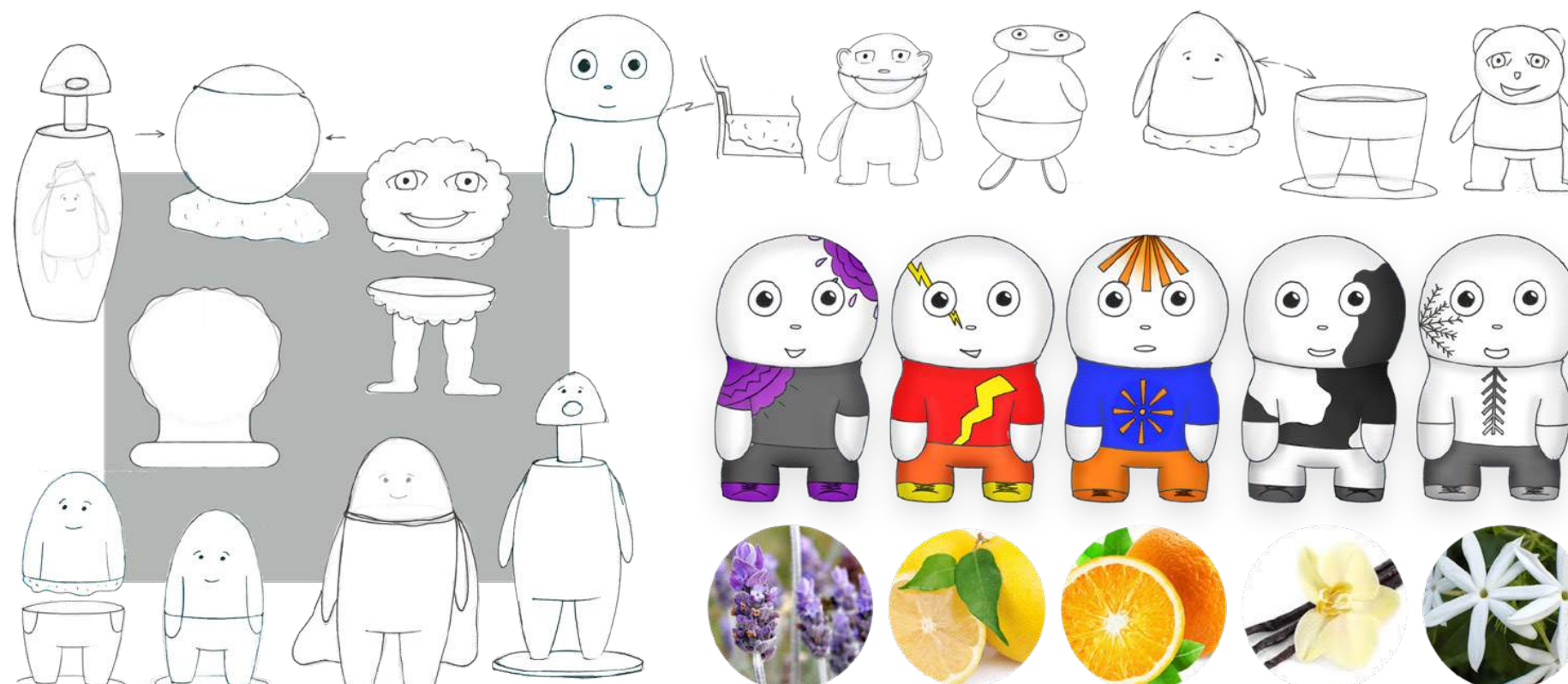
Bath Buddy come in one of five scents. Each one naturally aids sleep and reduces anxiety.



The children will lseep better and long and so will the parents.



The overall affect is a better family well being, happy with less stress or anxiety.



What is it?

Bath Buddy is a fun and friendly bath time toy that helps your child get to sleep using scents and a fun character. They will wash away all the dirt and protect you from the monsters under your bed and in the wardrobe.

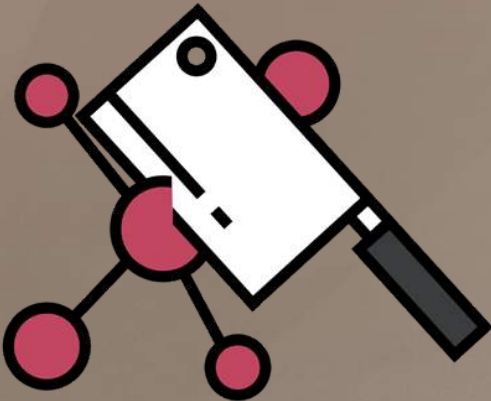
What was the problem?

50% of children have trouble sleeping at night due to anxiety and stress. A bad nights sleep for children also means a bad nights sleep for mum and dad. This affects the whole house and makes everyone irritable and grumpy at home and at work/ school. Sleeping is then further hindered due to increased anxiety and stress.

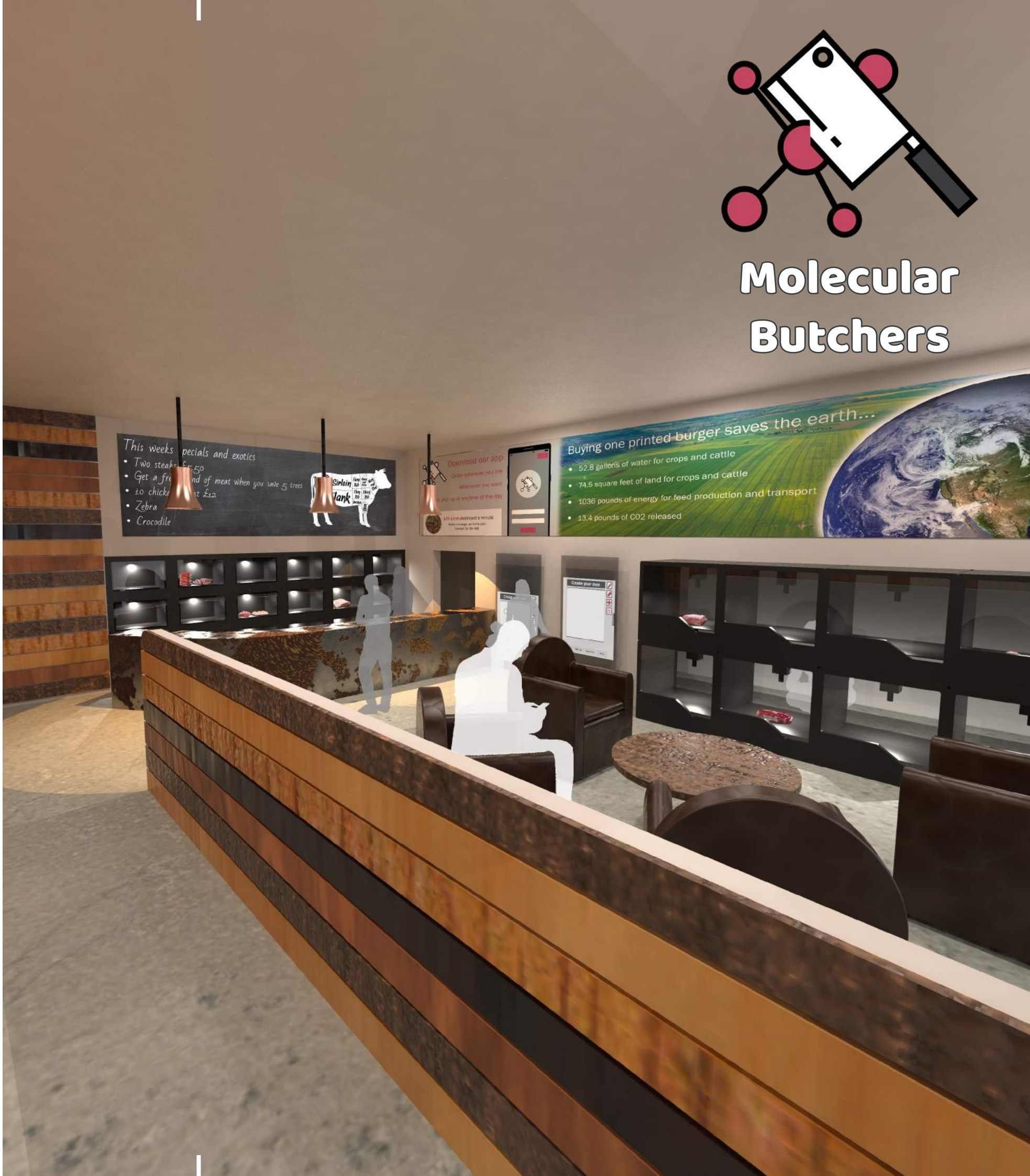
3D printing meat for a sustainable future

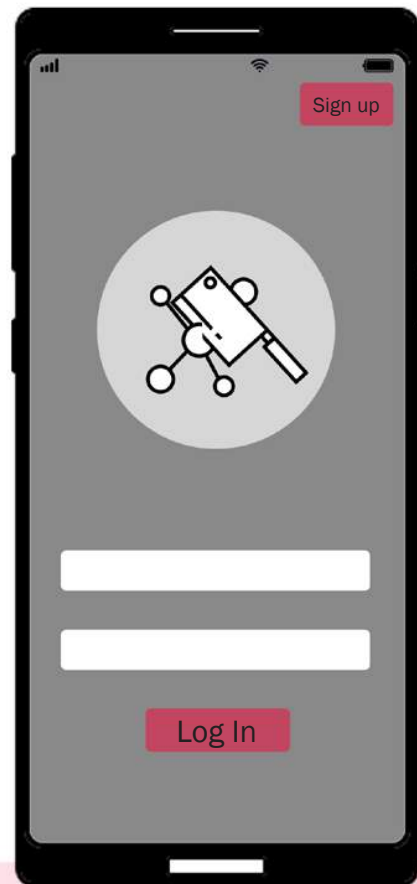
Final year of degree

“Producing meat without destroying the planet”



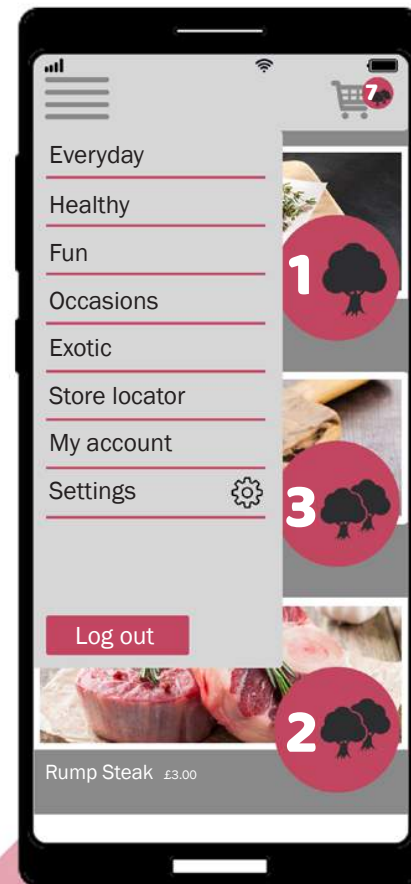
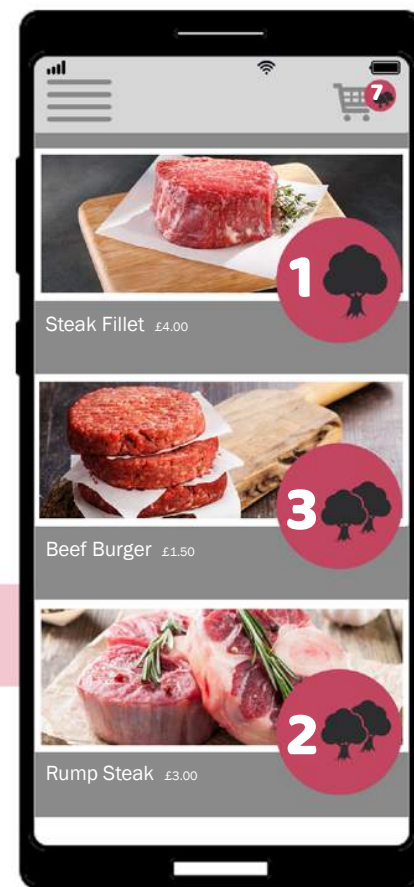
Molecular Butchers





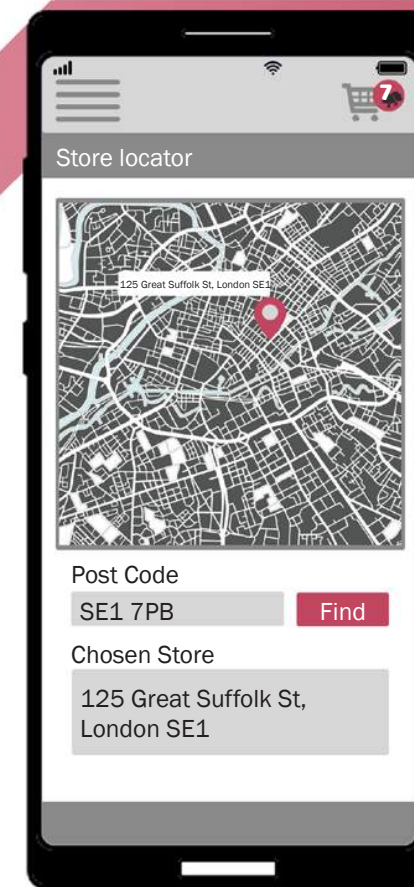
- Download the app for the molecular butchers, log in or sign up.
- Once you've signed in once you won't have to log in again, unless you delete the app.

- Sections for each meat type and the cuts you can get.
- The main focus of the purchase will be the number of trees that you will be saving by making purchase rather than the price.



- There are varieties of meats, healthier meats that can have vitamins and minerals removed or added in.
- Exotic meats, so you can try wild meats and cuts of meats in shapes for special occasions.

- Your order can be sent to any butchers across the country, making it easier for you to pick up.
- Each order is given a pick up code, enter your code and your selected butchers and you'll receive your order.



- The app will track your activity and the amount of conservation you have done. You'll get monthly updates on how much land you have helped save and recover and how many animals you have saved.
- As you save the planet you get rewards of free cuts of meat, better cuts at each milestone, and we'll send you live streams of the work you're helping by buy at the molecular butchers.



- You'll see what you have ordered and how many trees you've saved by making this purchase.
- Pay on the app and go to your chosen store. Your order is kept in fridges.

Buying online



1. Ordering

- Place your order on the app.
- Pay and choose what store you'd like to pick up from.



2. Enter store

- The app will give you the store address and order number.
- Simple turn up and walk in.



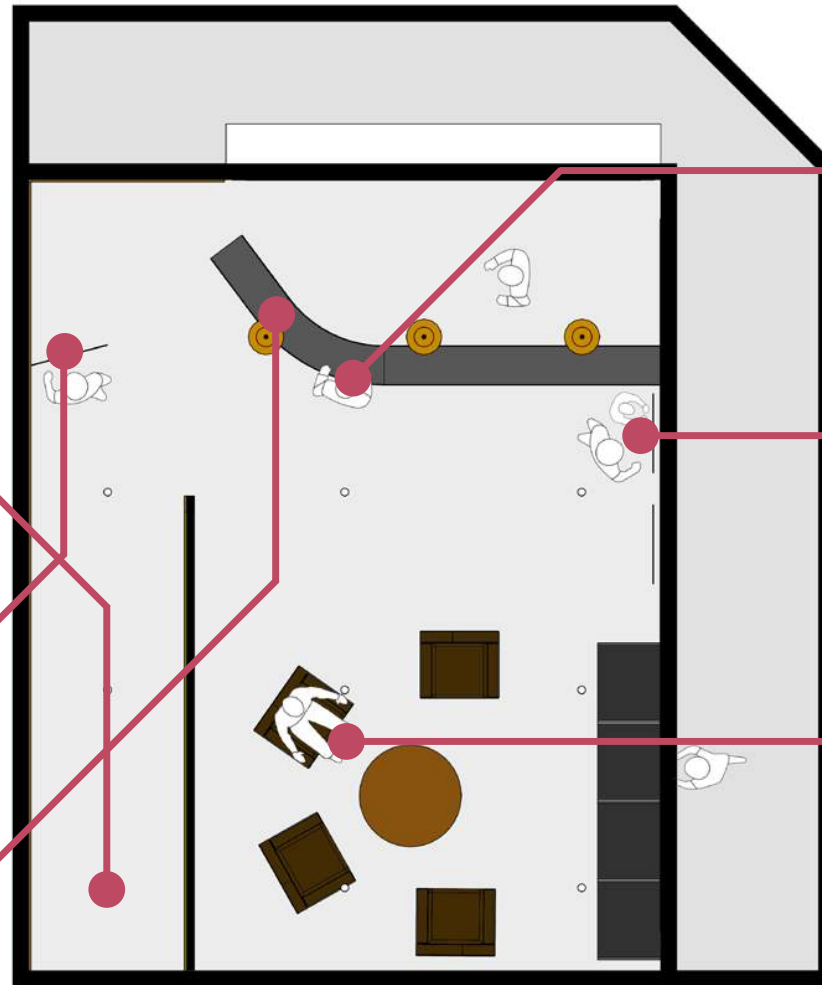
3. Order number

- Using the touch screen glass panel, type in your order number
- The butcher knows that you have arrived.



4. Pick up and go

- Go to the counter
- The butcher will wrap up your order ready for you to take away.



Buying in store

1. Ordering

- The butcher will take your order at the counter.
- Each customer has their own personal data base.



2. Create your own

- Create your own cut of meat in store.
- Any shape, any meat exactly how you want it.



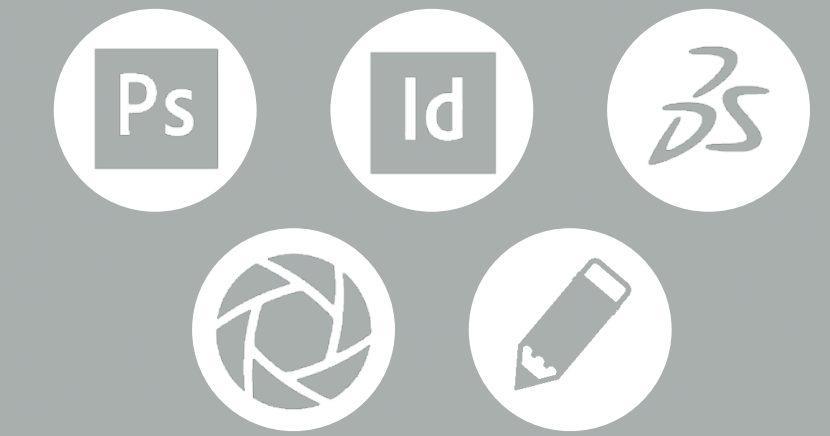
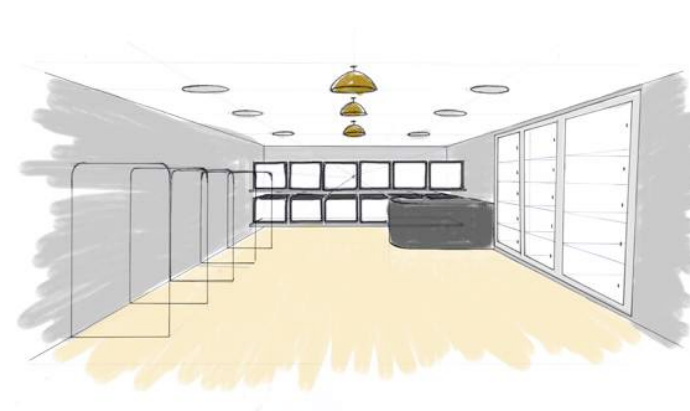
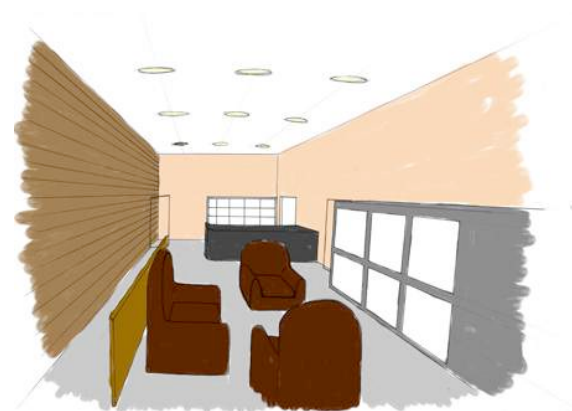
3. Watch and wait

- The butcher will then put your order on to print.
- Take a seat and watch your order being printed.



4. Pick up and go

- When your order is printed it'll wrapped up, ready to pay and take home.



What is it?

The Molecular Butchers is the butchers of 2035. Meat is now created in labs by turning stem cells into bio-inks. These bio-inks can then be bio-printed (3D printed) into the meat that we want. Steak, pork ribs, chicken drum sticks etc. This means that live stock will no longer need to be raised to create the meat we want. This will reduce greenhouse gases and farm waste run off into water ways and seas, reducing and stopping global warming.

What was the problem?

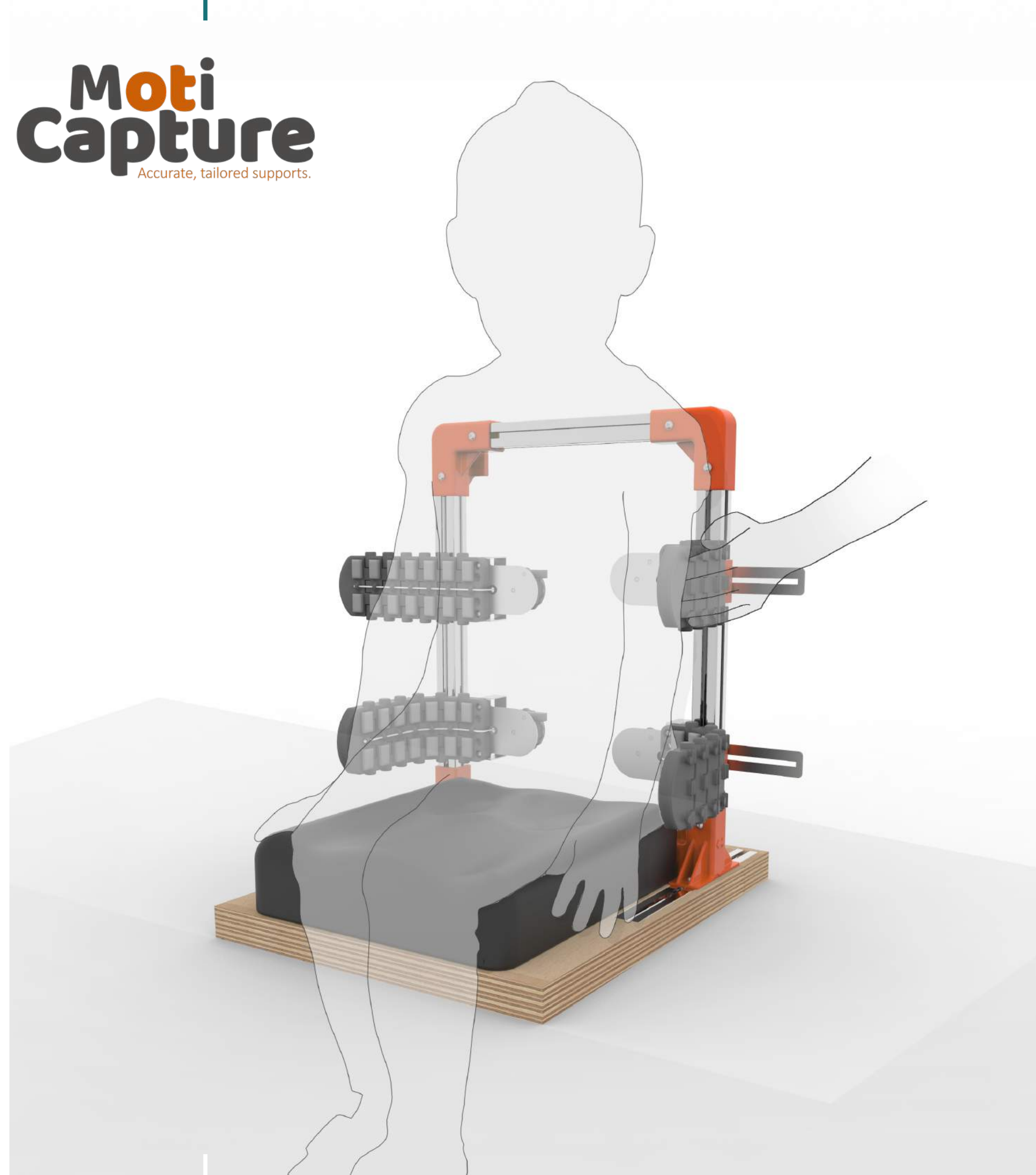
Live stock farming is one of the main causes of greenhouse gasses, dead seas and species extinction. With the increasing population more and more land is being taken over by this, 40% of the earths land mass and 75% of all deforestation is due to live stock farming.

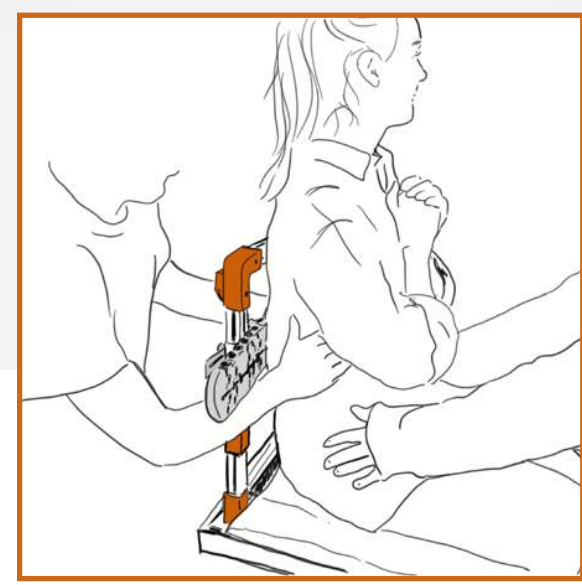
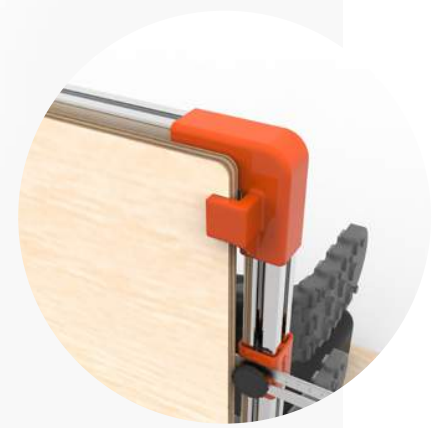
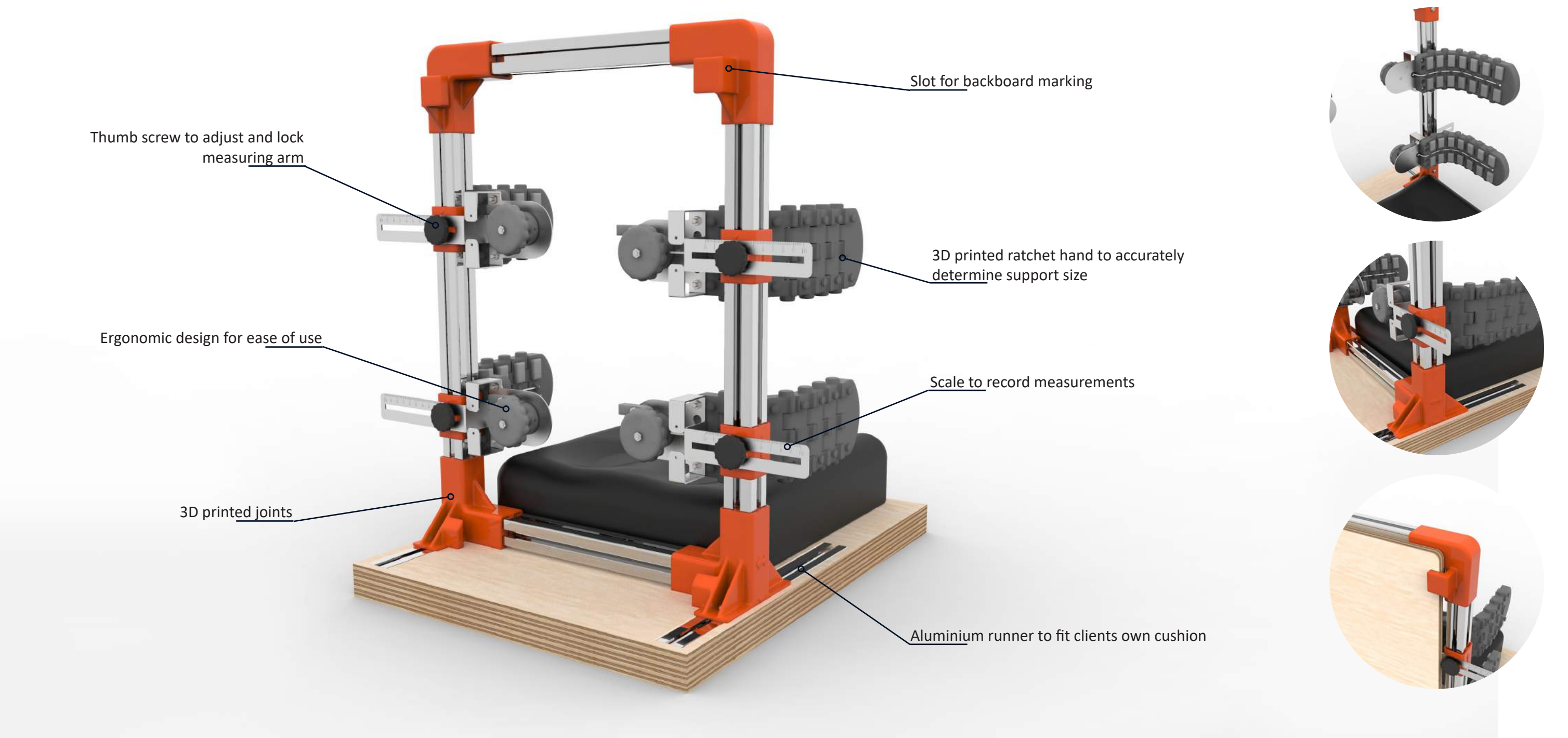
Fitting supports for wheelchairs in Kenya



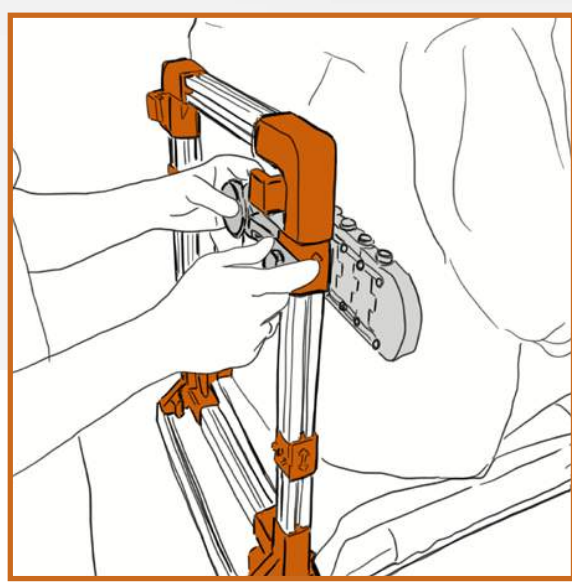
3 week group live project
Final year of degree

“Fast and easy,
allowing more people
to get the help they
need”

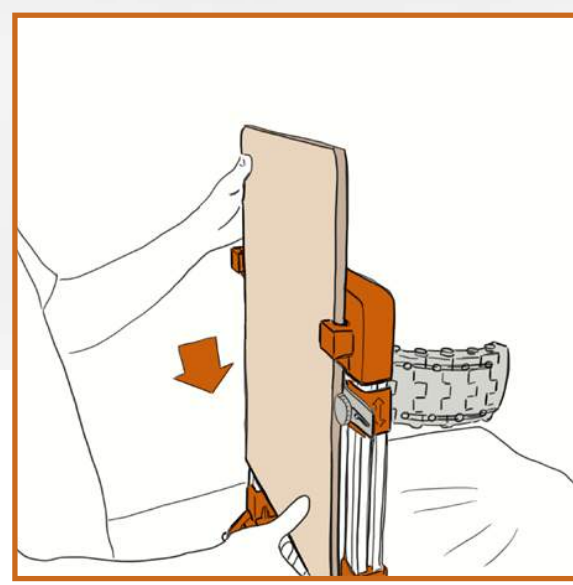




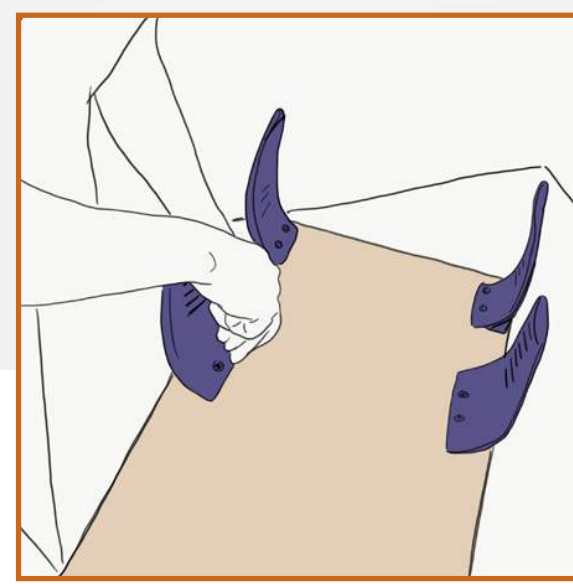
Access



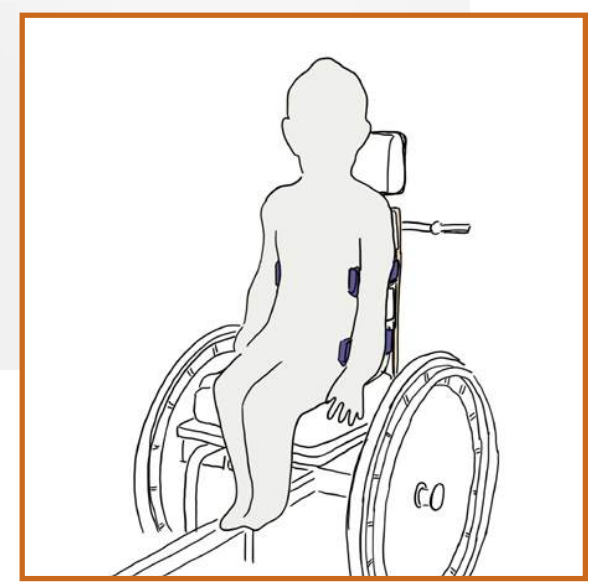
Adjust



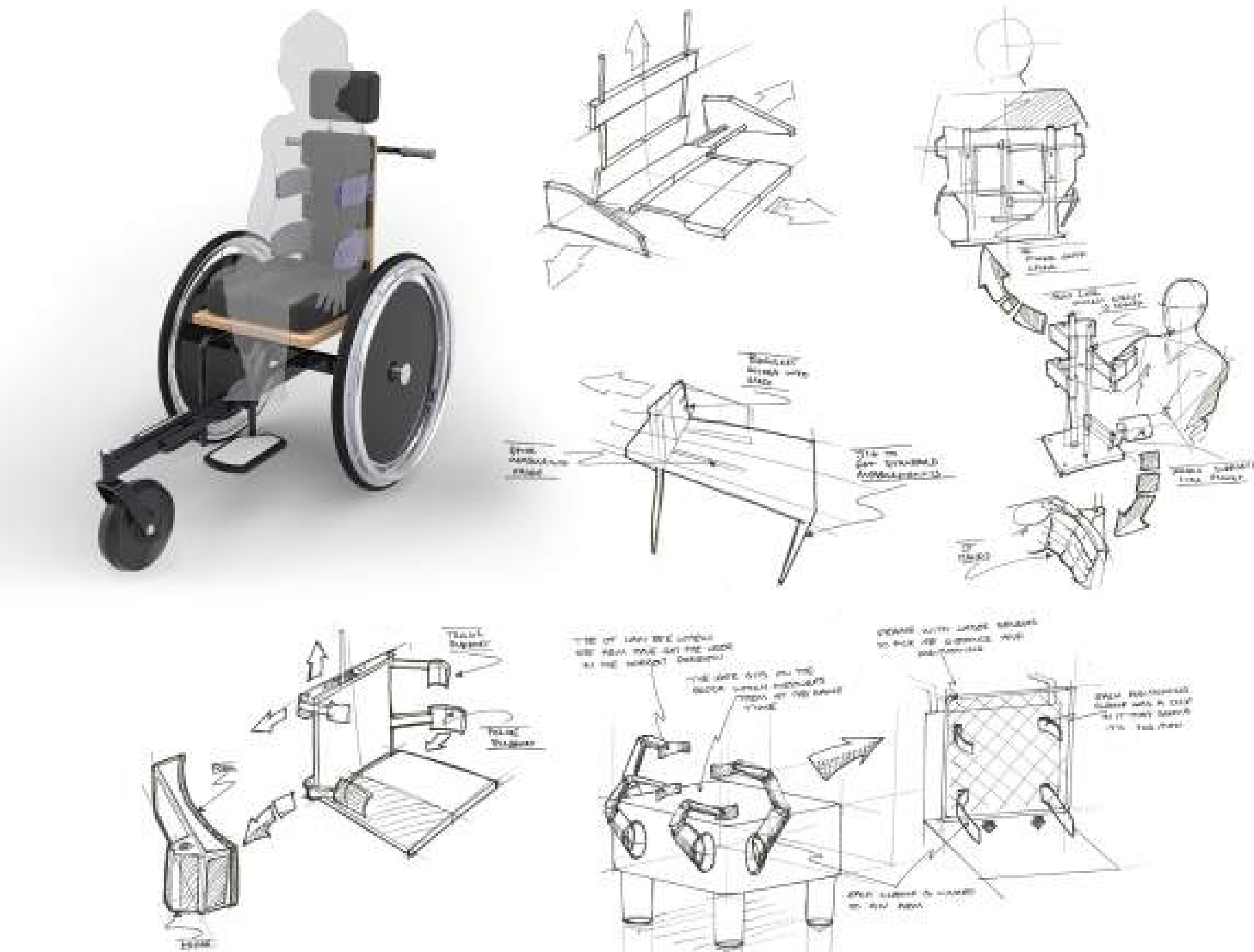
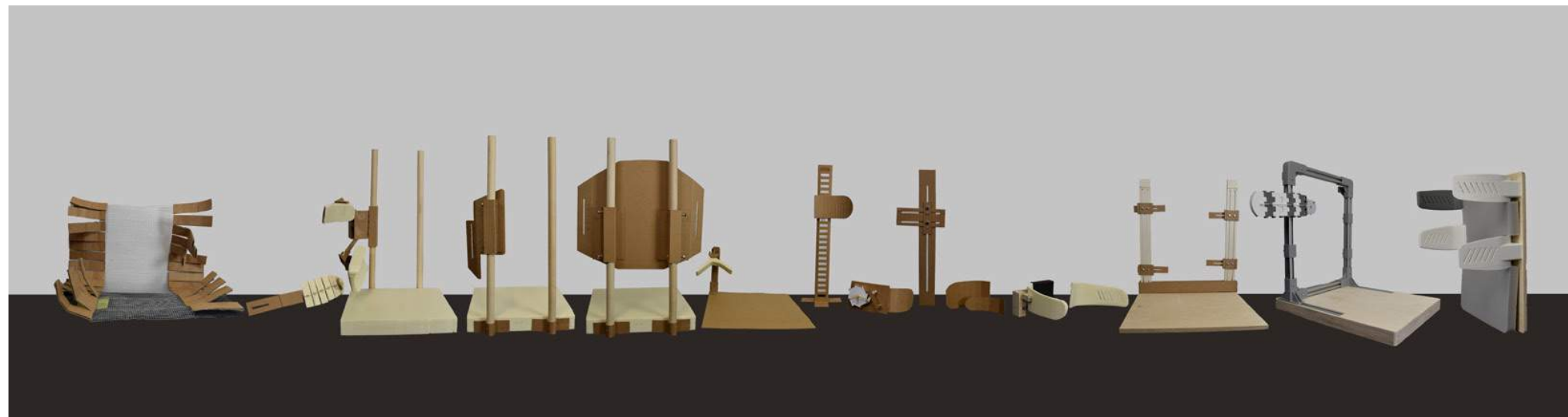
Locate



Secure



Support



What is it?

MotiCapture aims to provide every client with accurate, tailored supports and every OT (Occupational Therapist) with a tool that saves them time. The jig and ratchet system allows the OT to select, adjust and secure the right supports into the right location for the client. The technician then places the back plate of the client's chair into the jig frame and marks the exact location of the required supports.

What was the problem?

The location of these supports is determined by an OT, who uses their hands to identify where added supports would be most beneficial. The methods that are currently used to translate the required location of supports onto the wheelchair can be inaccurate and time consuming.



+44 7880 502 486

miles.c.hamer@outlook.com

www.linnkedin.com/in/mileschamer/

Oronsay, Wonham Way, Peaslake, GU5 9PA