

MAX
PYUMAN
PORTFOLIO
HUMAN CENTRED DESIGN

HELLO

I specialise in combining creativity with practicality through the process of design. In particular I enjoy exploring user requirements and making prototypes.



Visuals



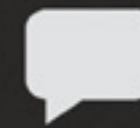
Models



CAD



Technical Details



Presenting

SKILLS

- User-focused Research
- Concept Development & Evaluation
- Ergonomics
- 3D & Hand Modelling
- CAD
- Technical Drawings
- Technical Reports
- Renders
- Boards
- Presentations

EXPERIENCED IN

Creo | Keyshot | Photoshop | 3ds Max

LEARNING

InDesign | Solidworks | Illustrator

BILINGUAL

English | Russian

CONTENT

The portfolio showcases four projects with unique requirements that display a wide variety of skills that I can use.

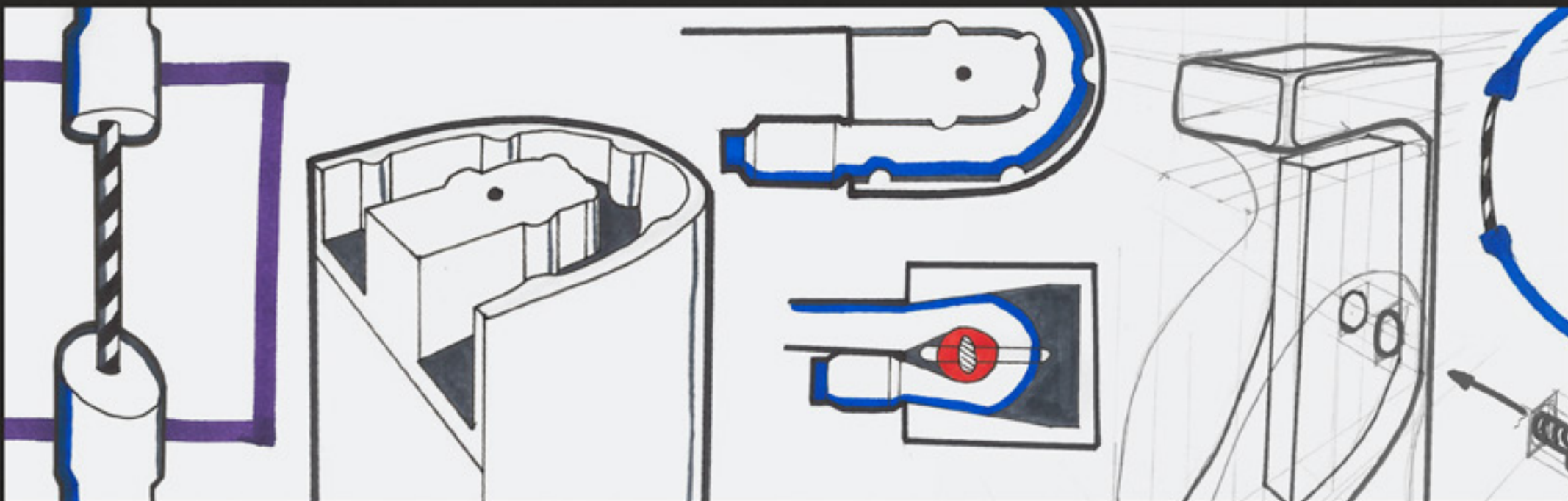
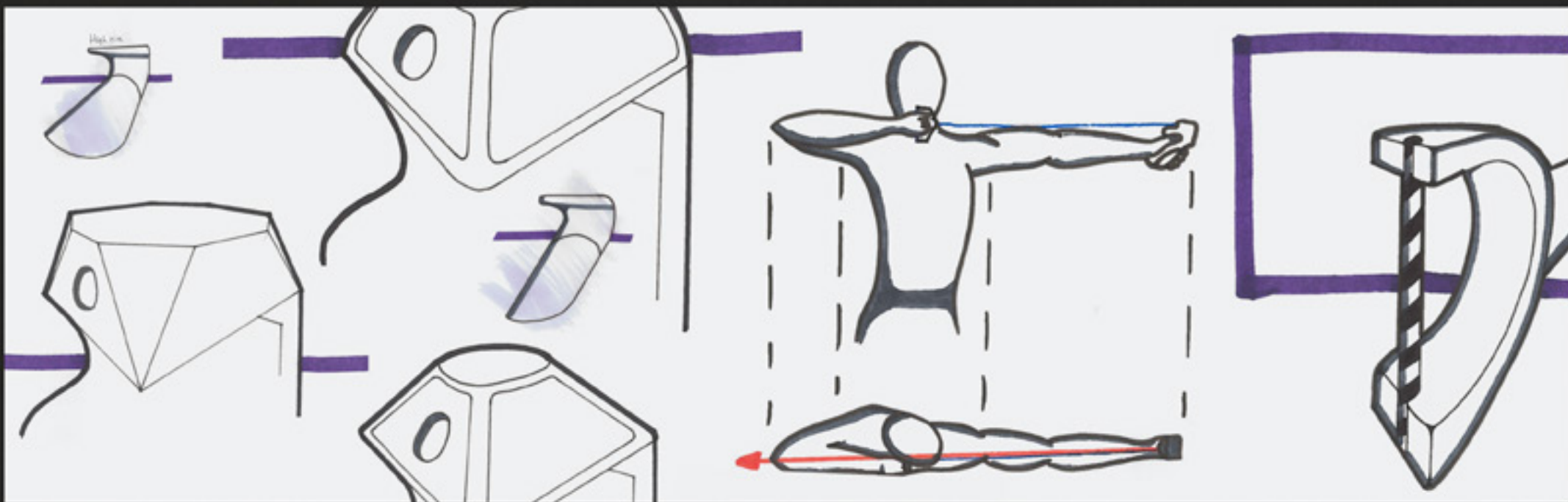




ARCHERY

A self-directed brief - designing a product to improve the archery experience.

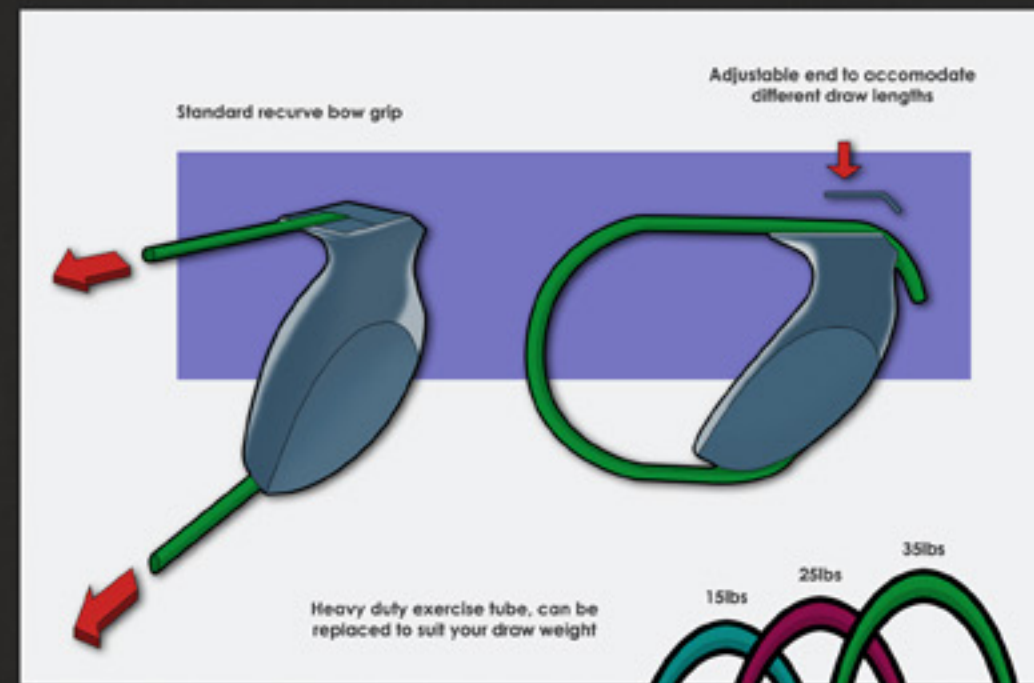
16 Weeks



SKETCHES

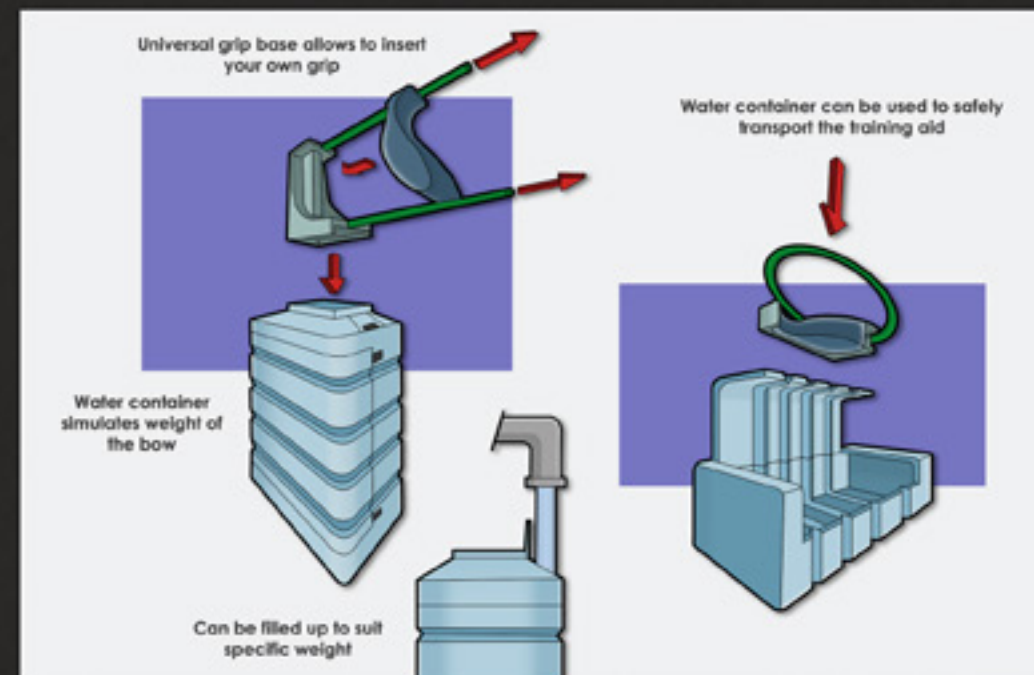
“It is actually a bow grip so will feel like shooting a bow and is easy to transport”

Daniel



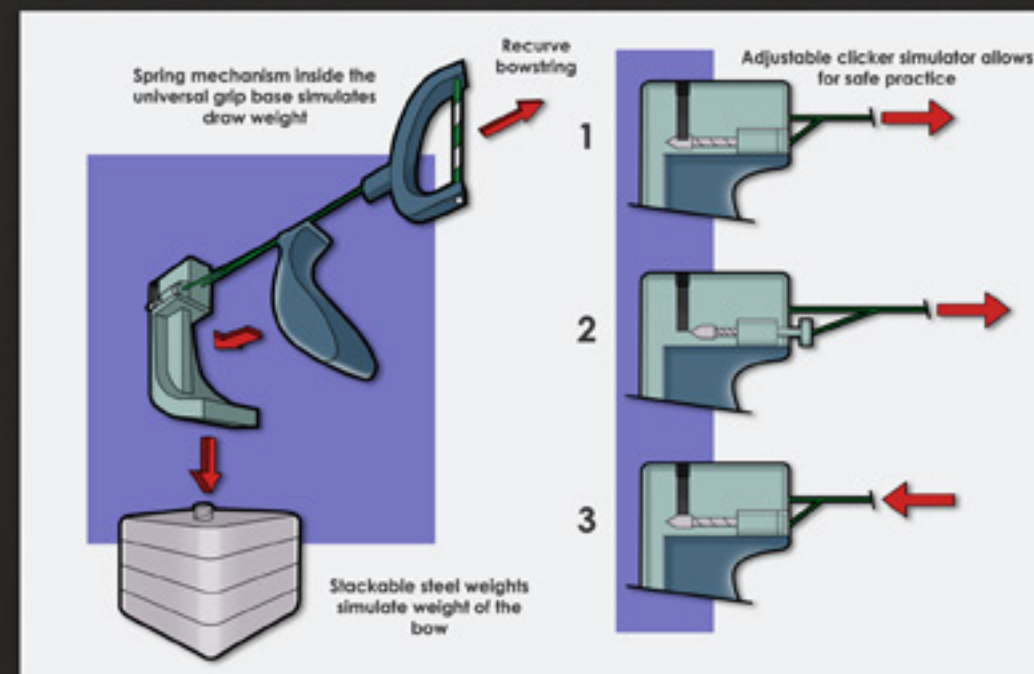
“Adding weight is something not simulated in any stretching band I have seen so far”

Alex



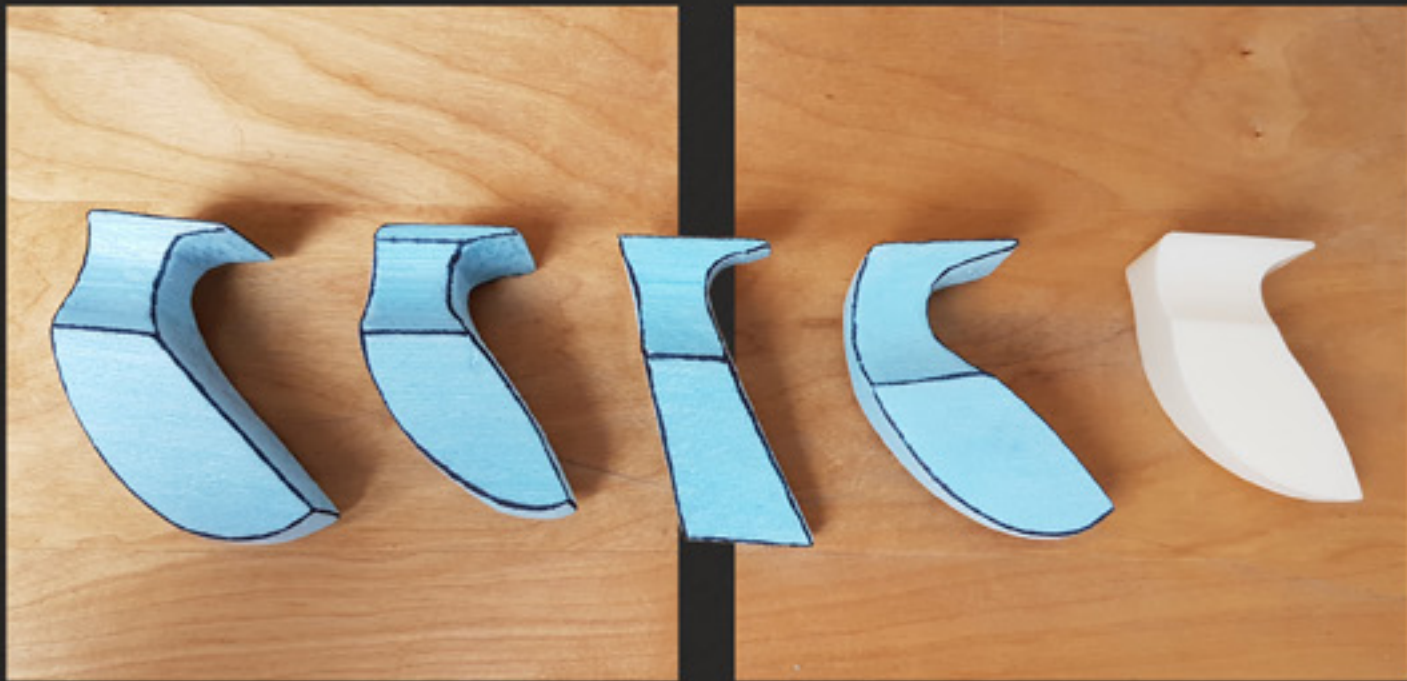
“The clicker and steel weights would make an excellent training aid”

James

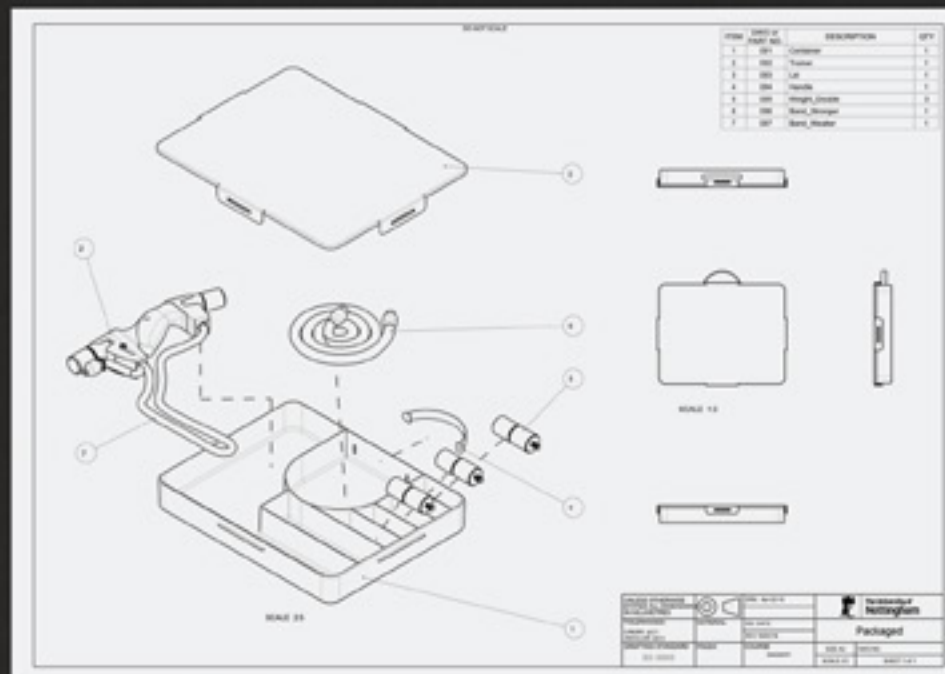
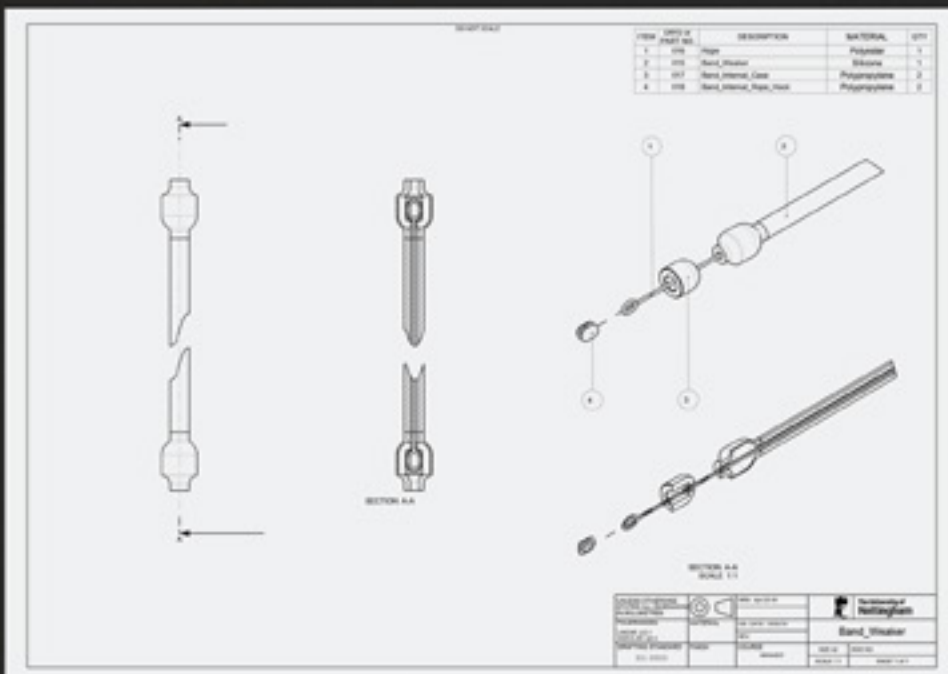


CONCEPTS

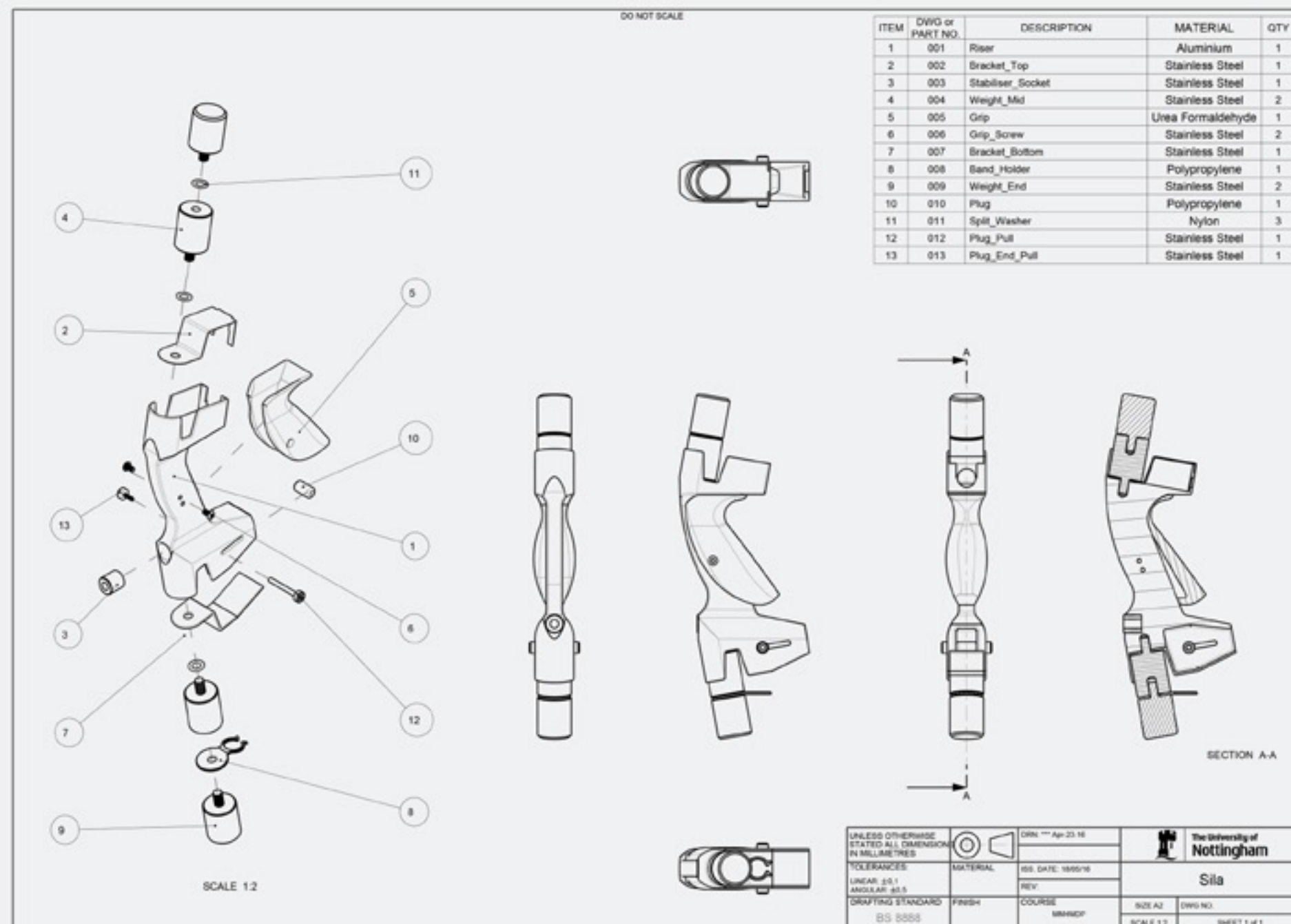
User feedback provided insight into which features users wanted to see implemented in the final product.

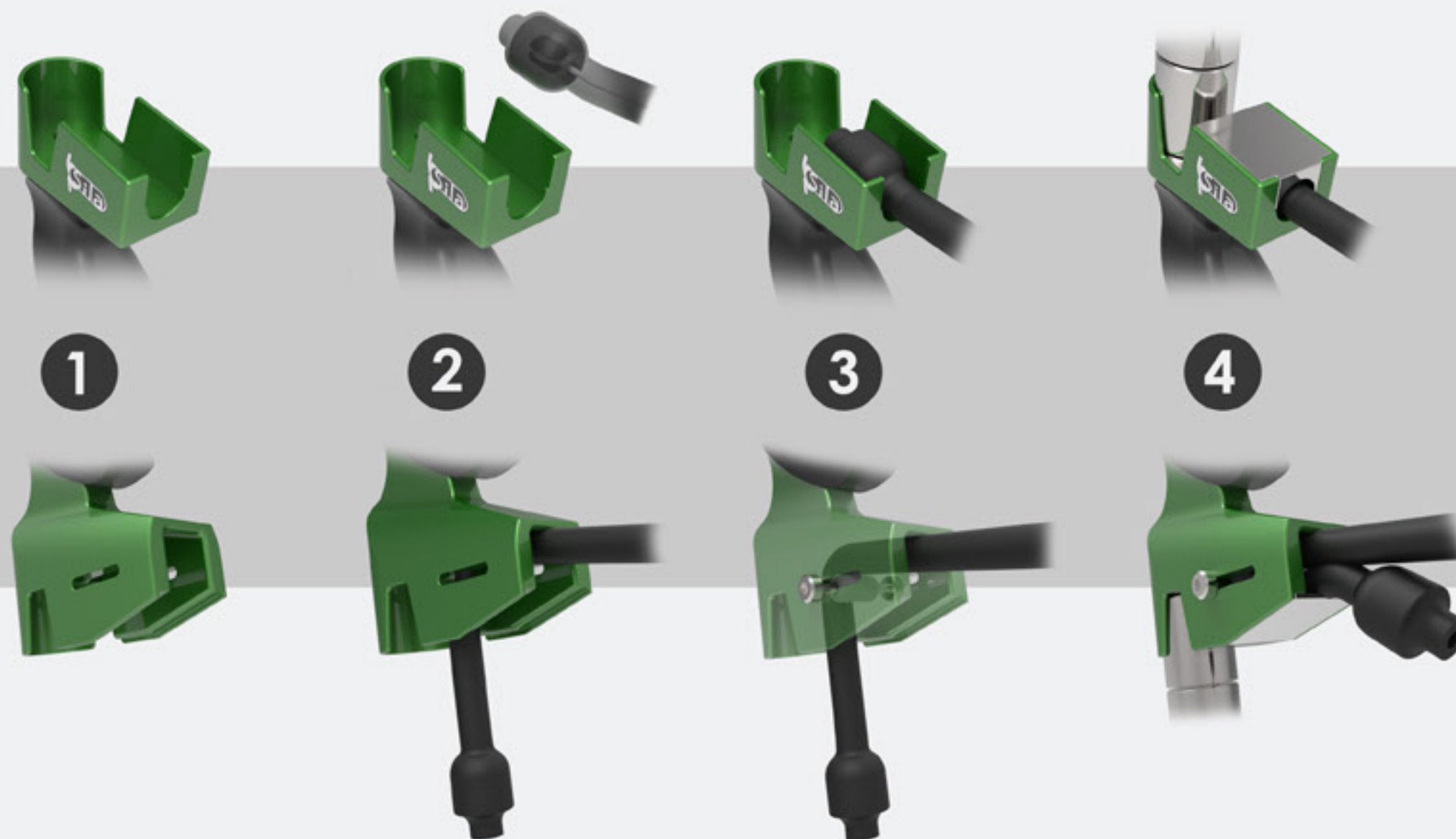


MODELS



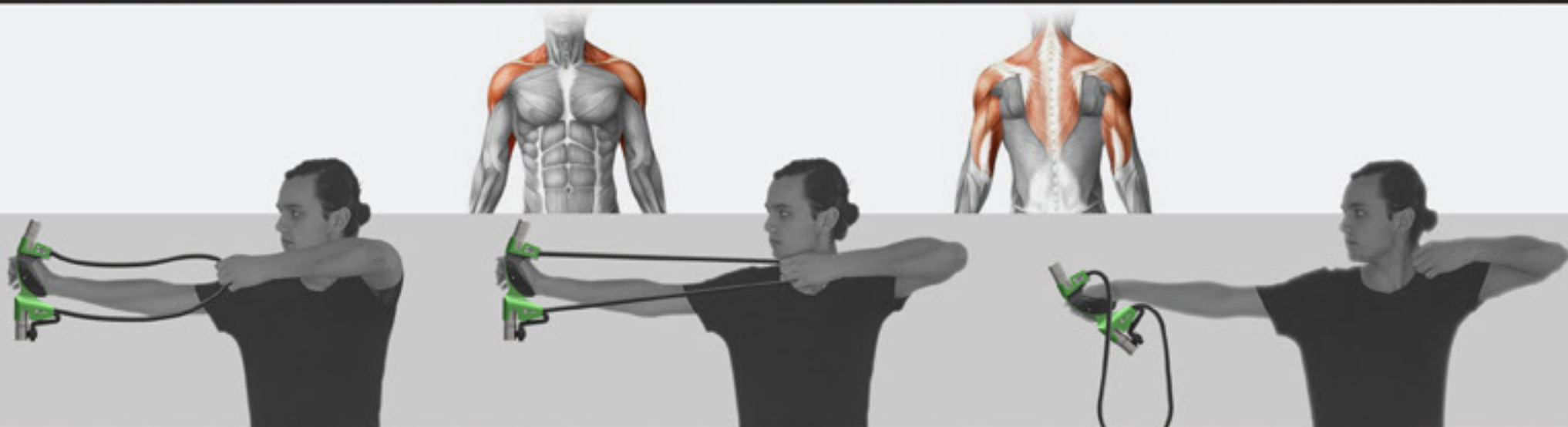
TECHNICAL





BOARDS

- Compact and suitable for travel
- Ergonomic replication of a bow
- Multiple safety features
- Ambidextrous design
- Highly customisable





SOUND RECORDER

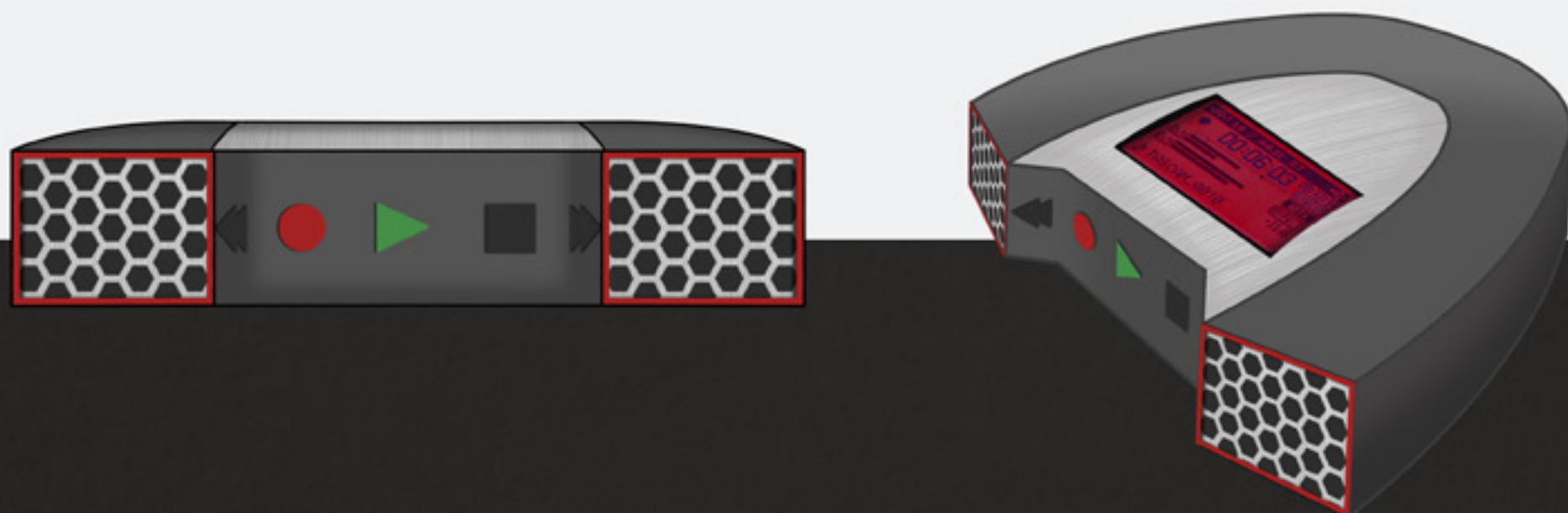
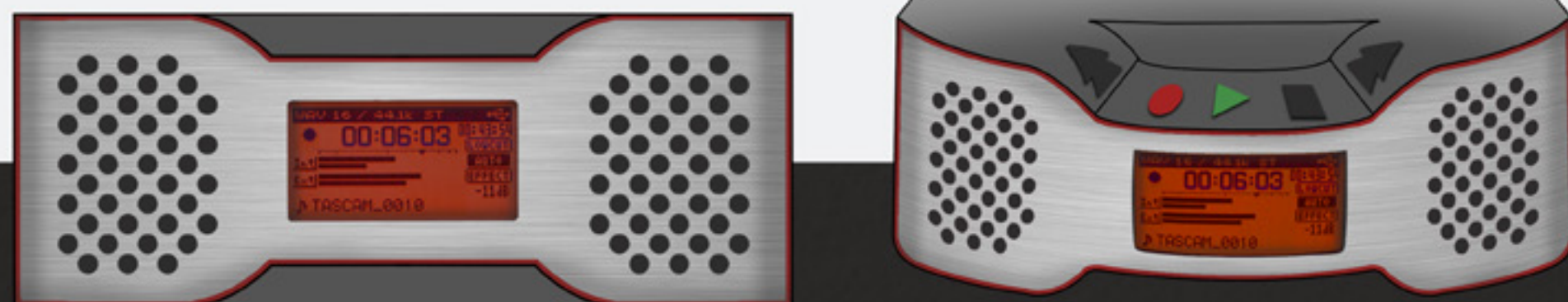
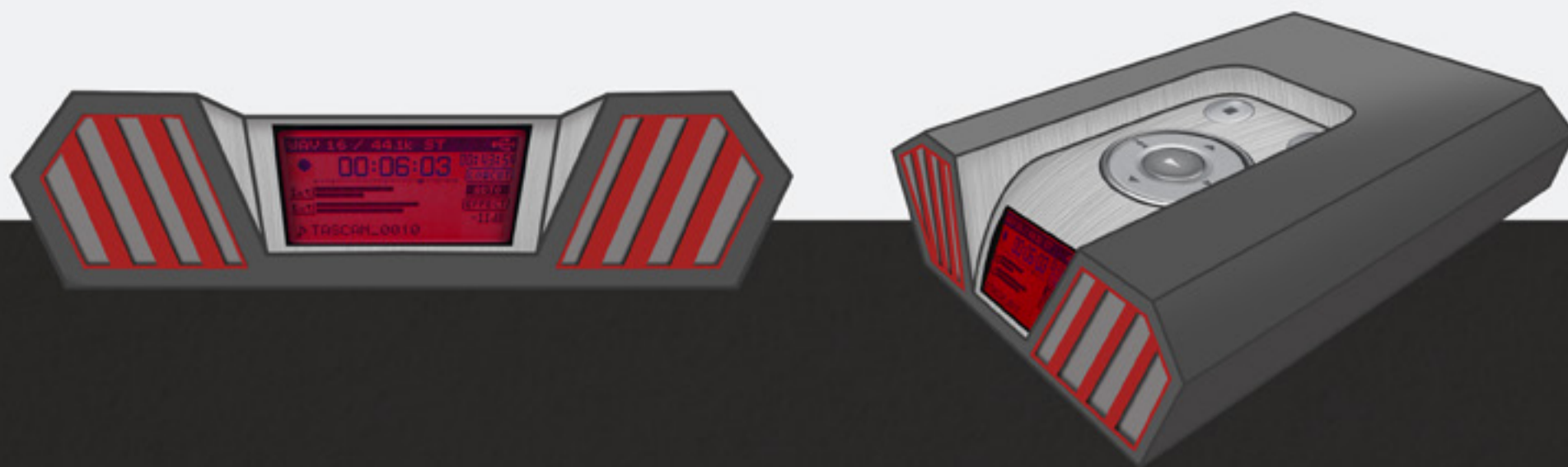
Designing to fit within a brand style of an existing company.

3 Weeks

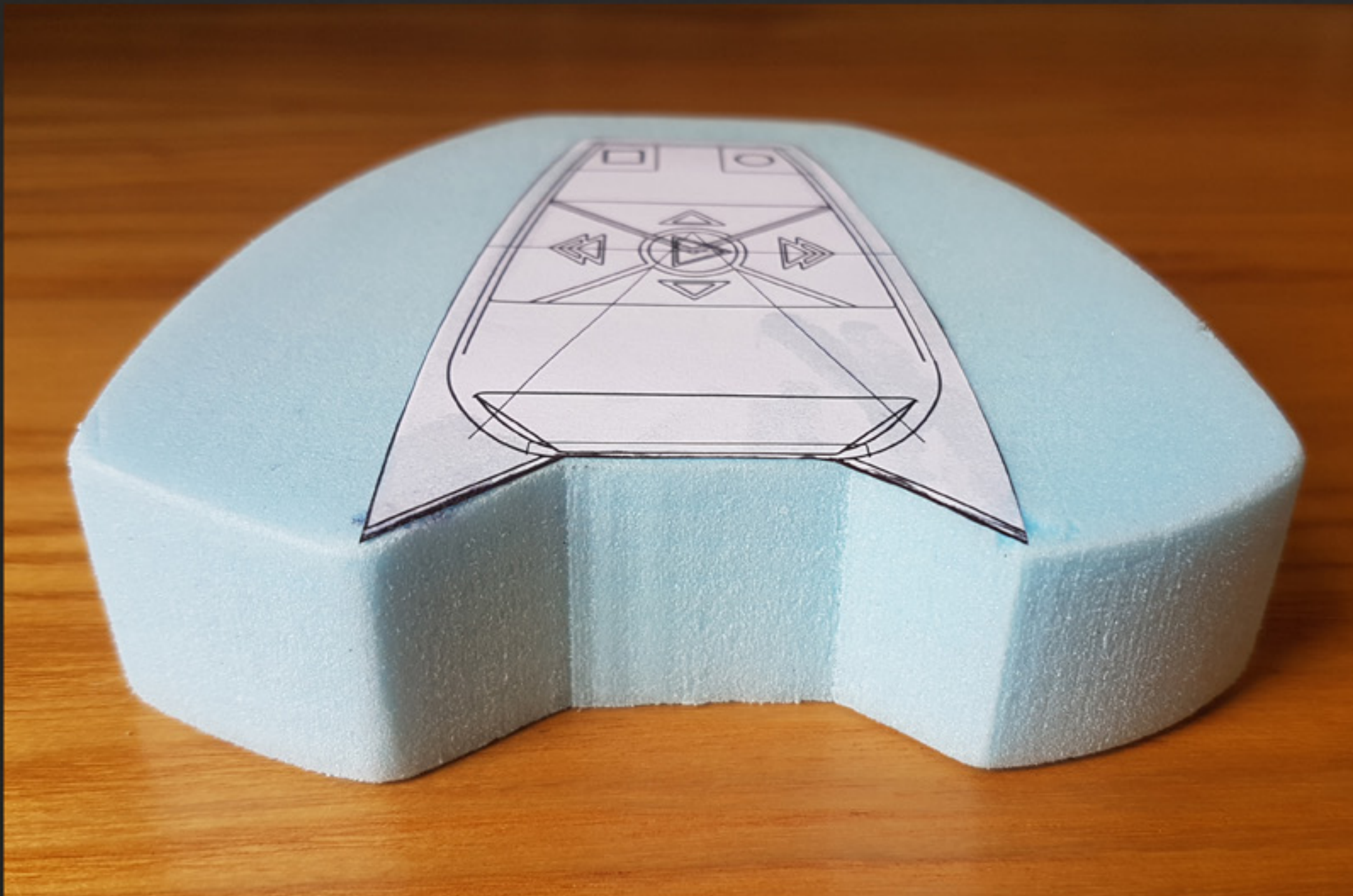


SKETCHES

Exploring the shape, form and function of the selected brand.

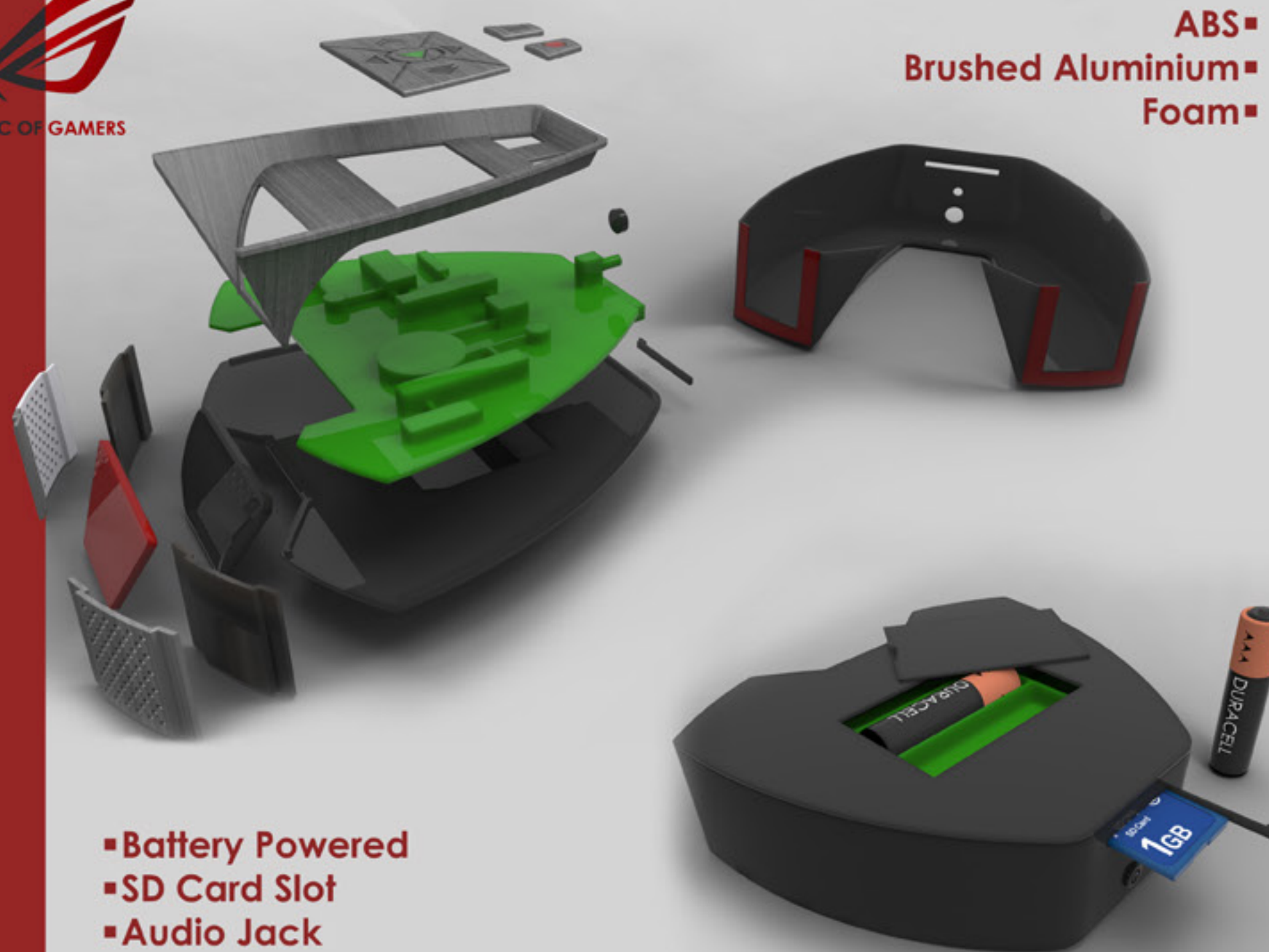
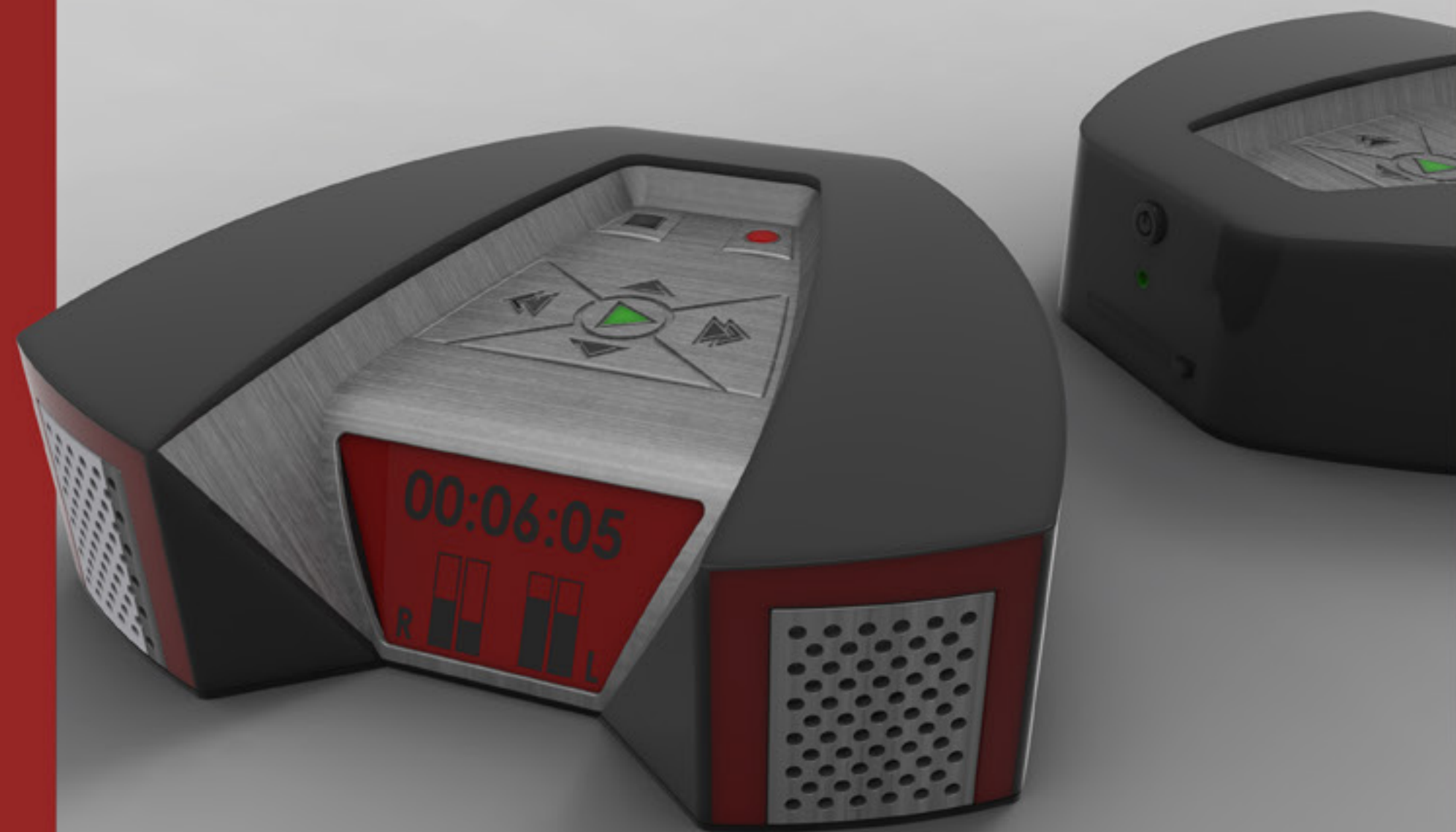


CONCEPTS



MODELS

Merging features from the three concepts into a single design based on client requirements.



BOARDS

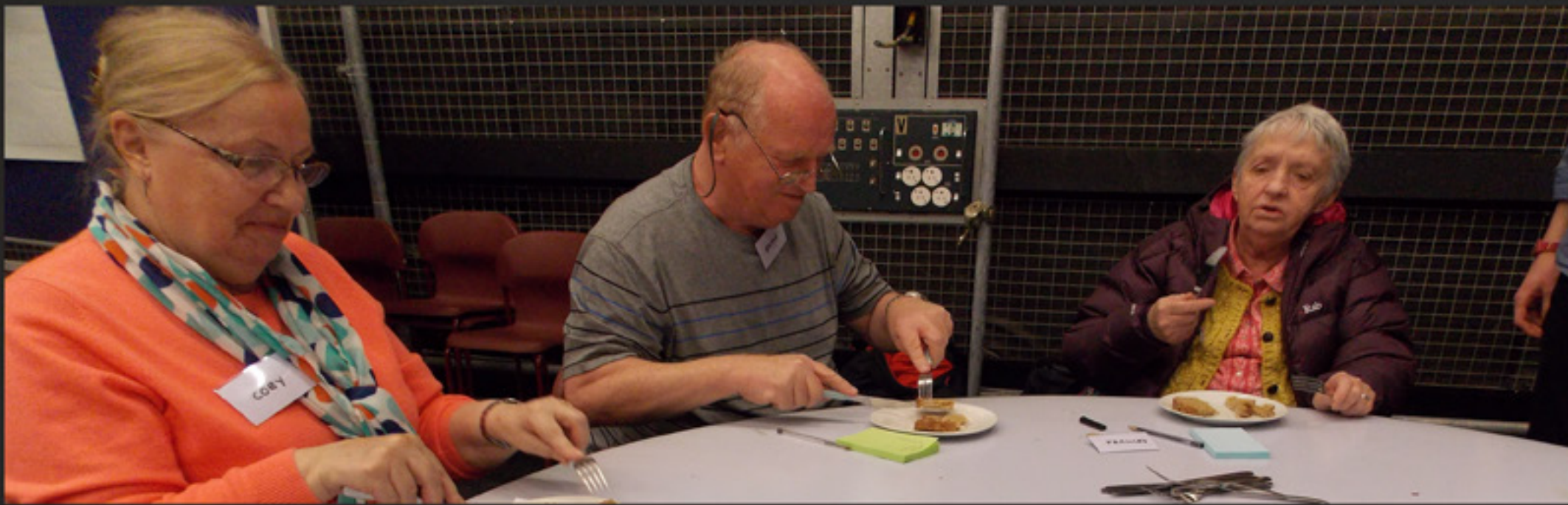
- Angled screen for seated users
- Suitable for injection moulding
- Fits within the ROG brand style
- Designed for group streamers



CUTLERY

Designing for the elderly based on feedback from focus groups.

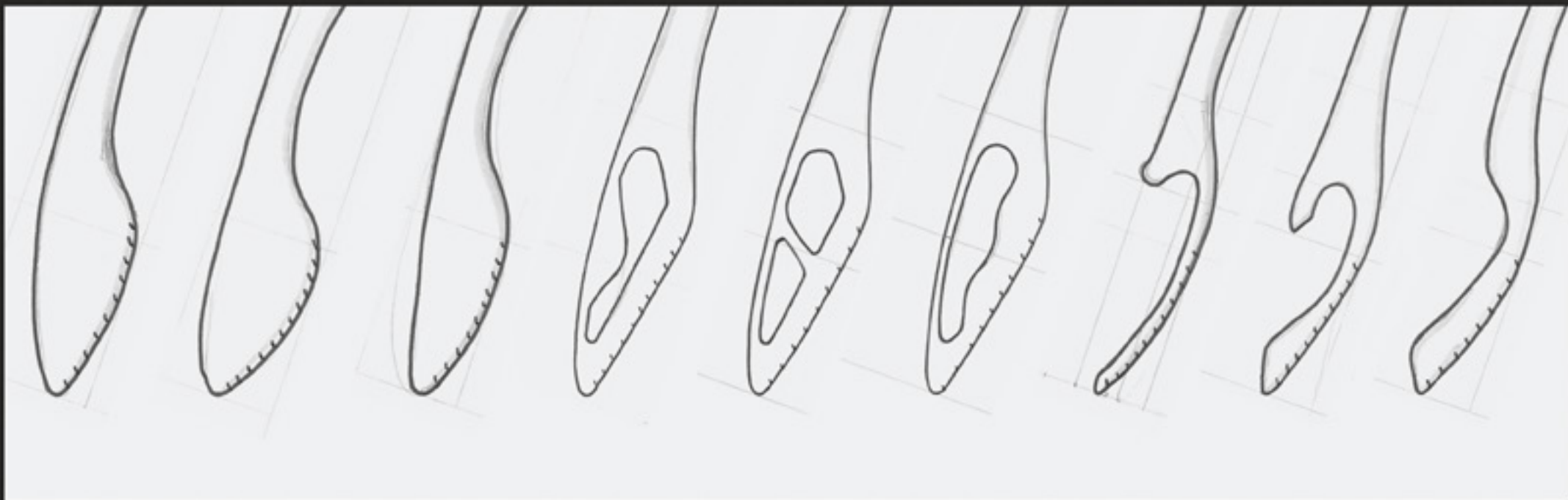
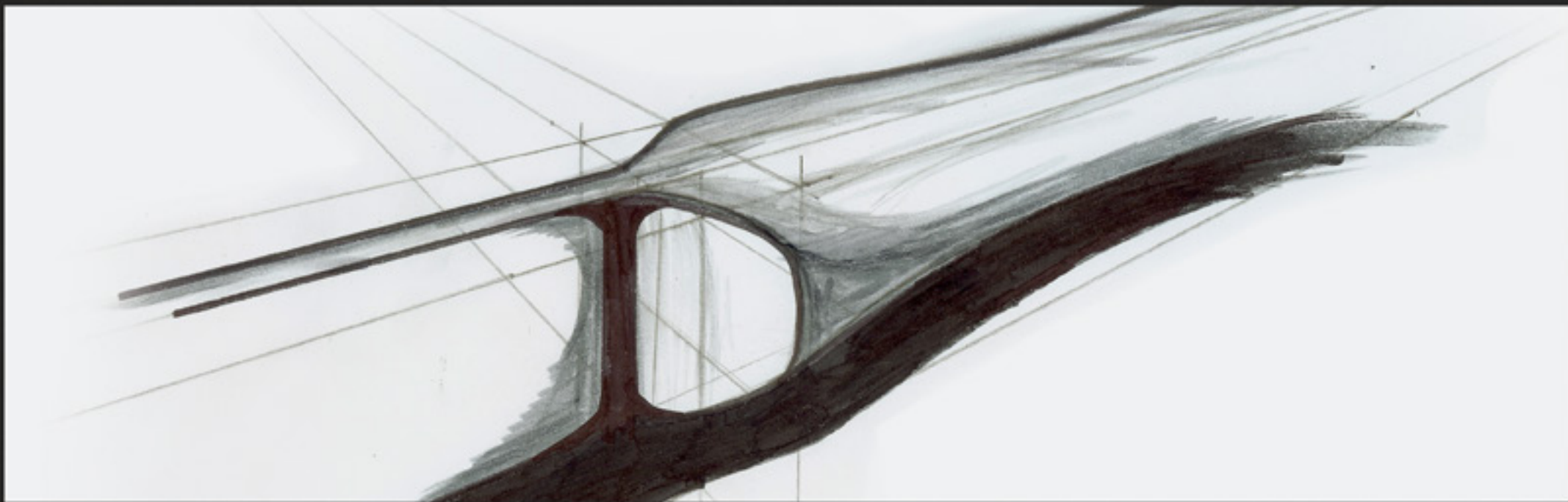
5 Weeks



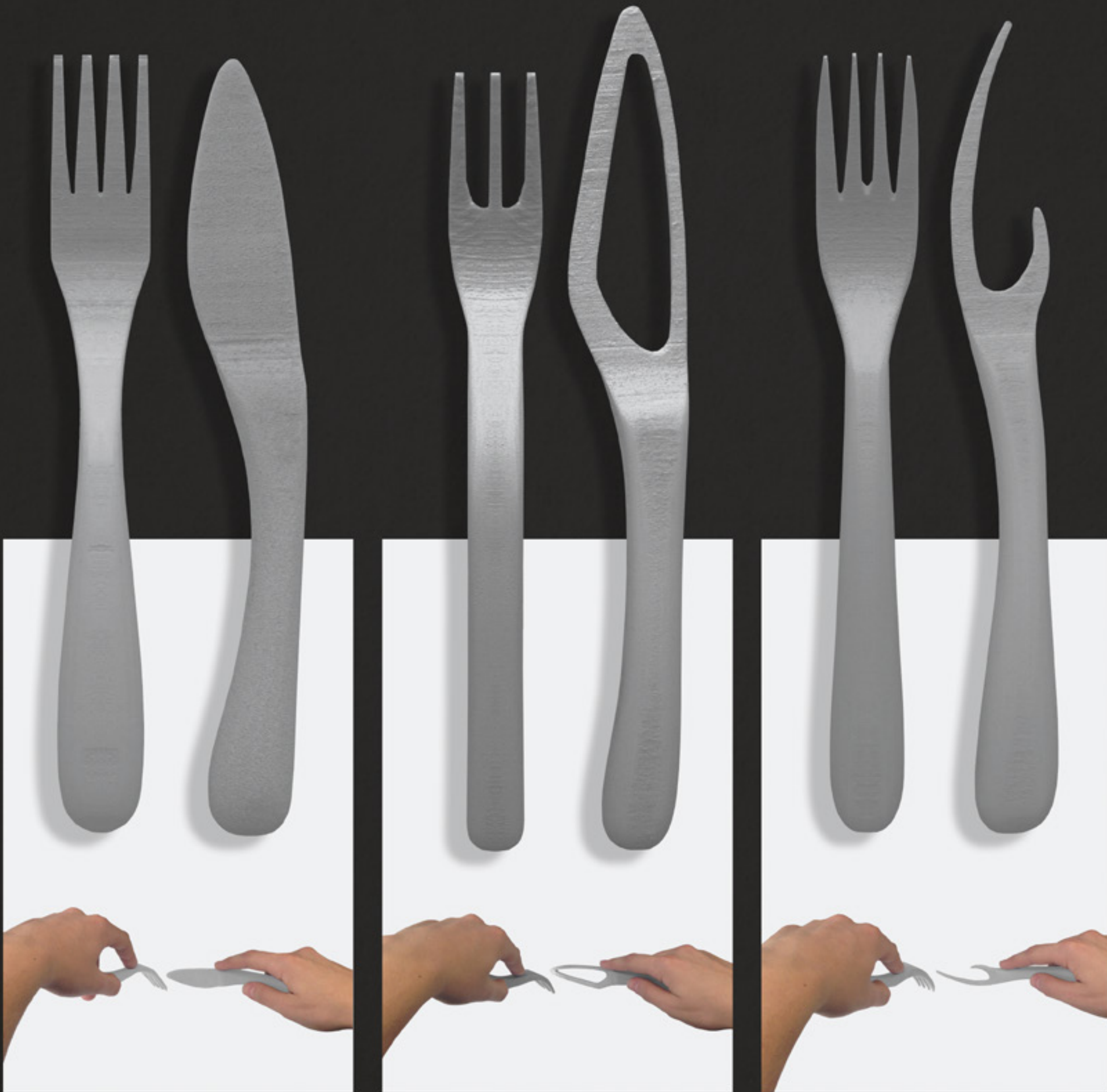
FOCUS GROUP

Identifying the user requirements through a series of exercises.





SKETCHES



CONCEPTS

Handmade foam models with a touch of Photoshop.

“
Feel in control, good angles for
shoveling food onto the fork ”

Ann, 79



“
Handles fall in well, gap in the blade
helps to match the fork's balance ”

Peter, 66

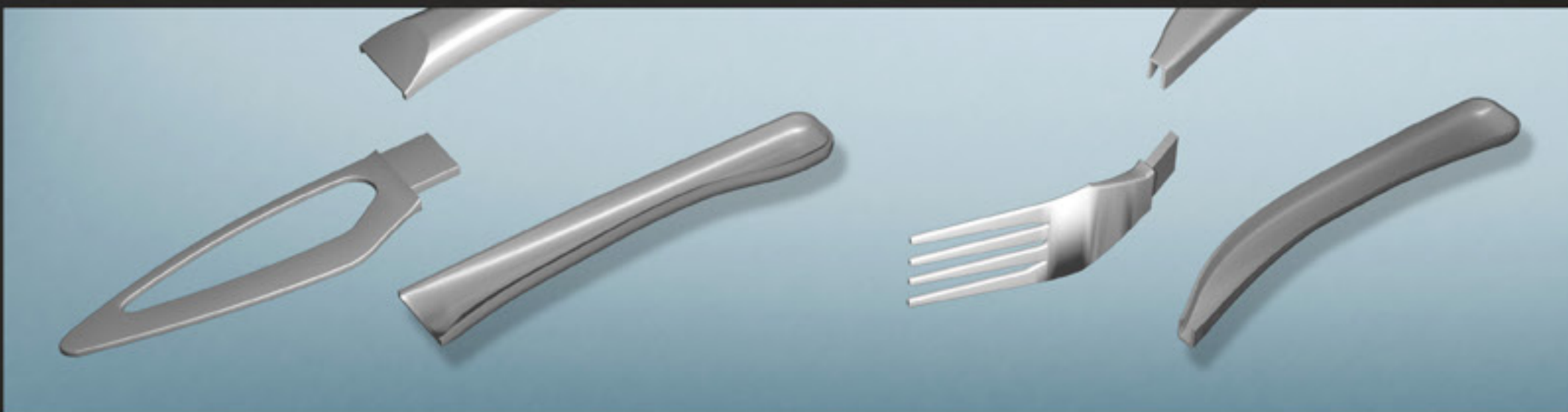
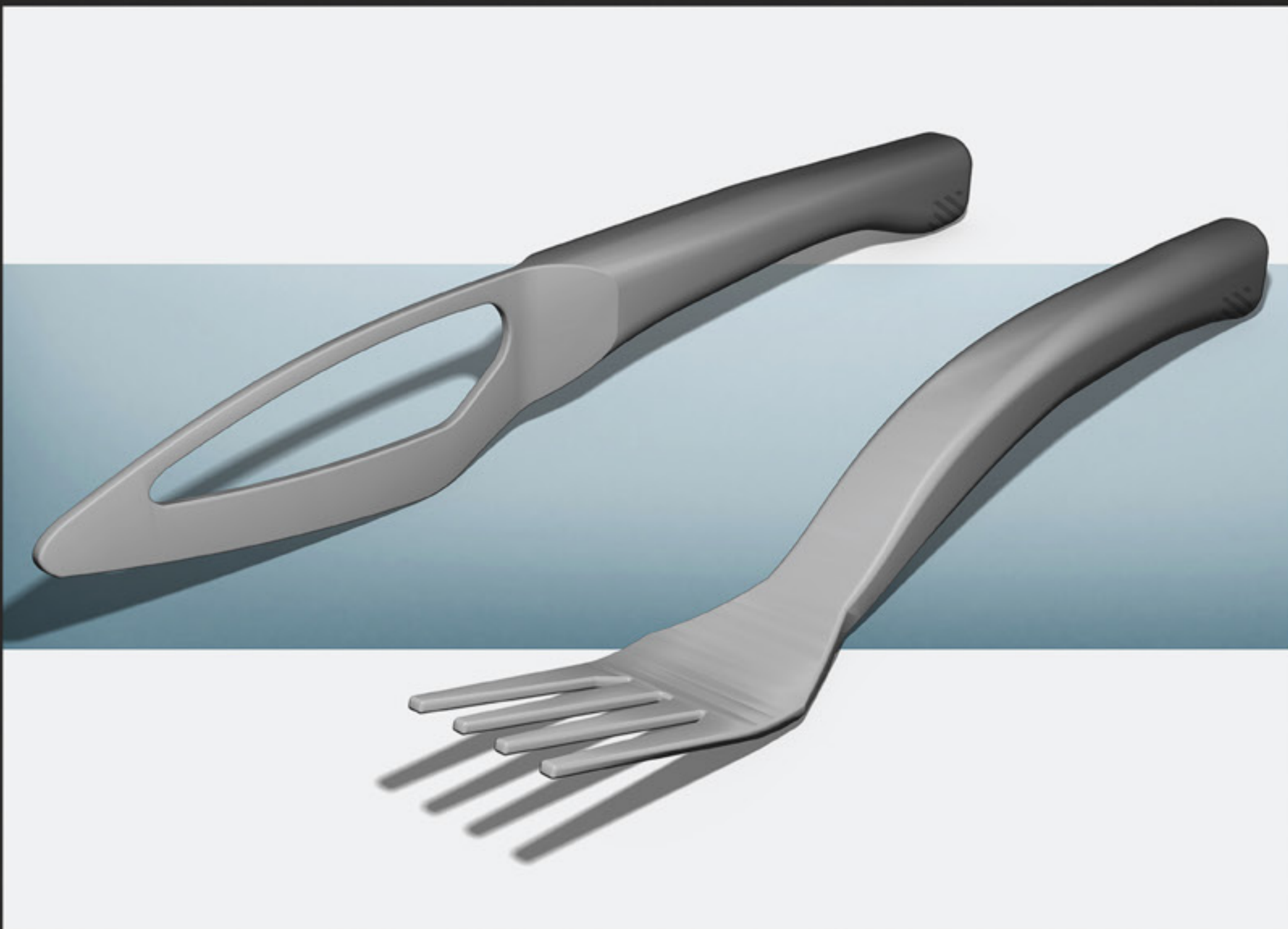


“
An intimidating design, but feel very
comfortable to hold ”

Carol, 67



MODELS



BOARDS

- Gap in the blade to match the balance and aesthetic of the fork
- No physical impairment stigma
- Flat prongs for easy 'shovelling'
- Comfortable handles
- Easy to clean



MIND YOUR MONEY

Designing a way for people to improve their financial capability.

"HIGHLY COMMENDED" at RSA Student Design Awards 2015/16

7 Weeks



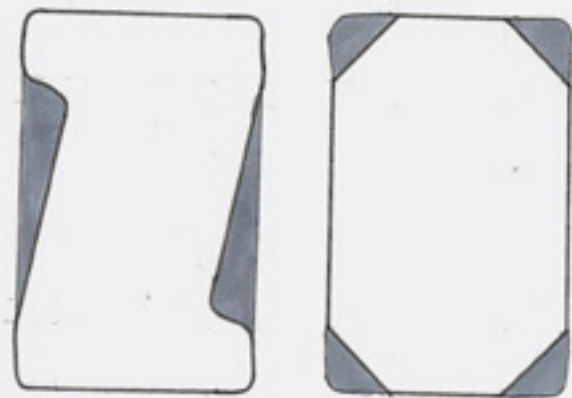
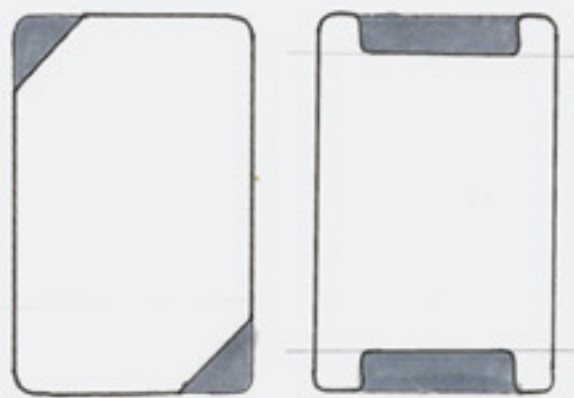
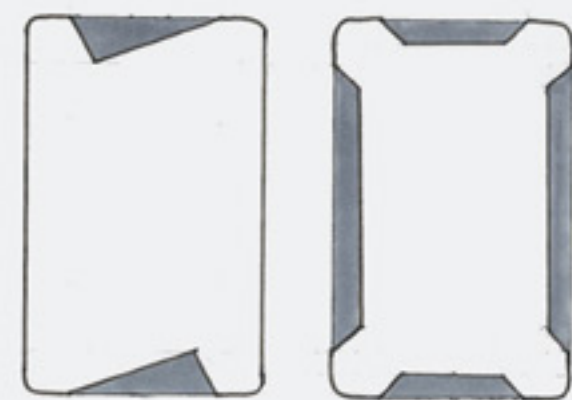
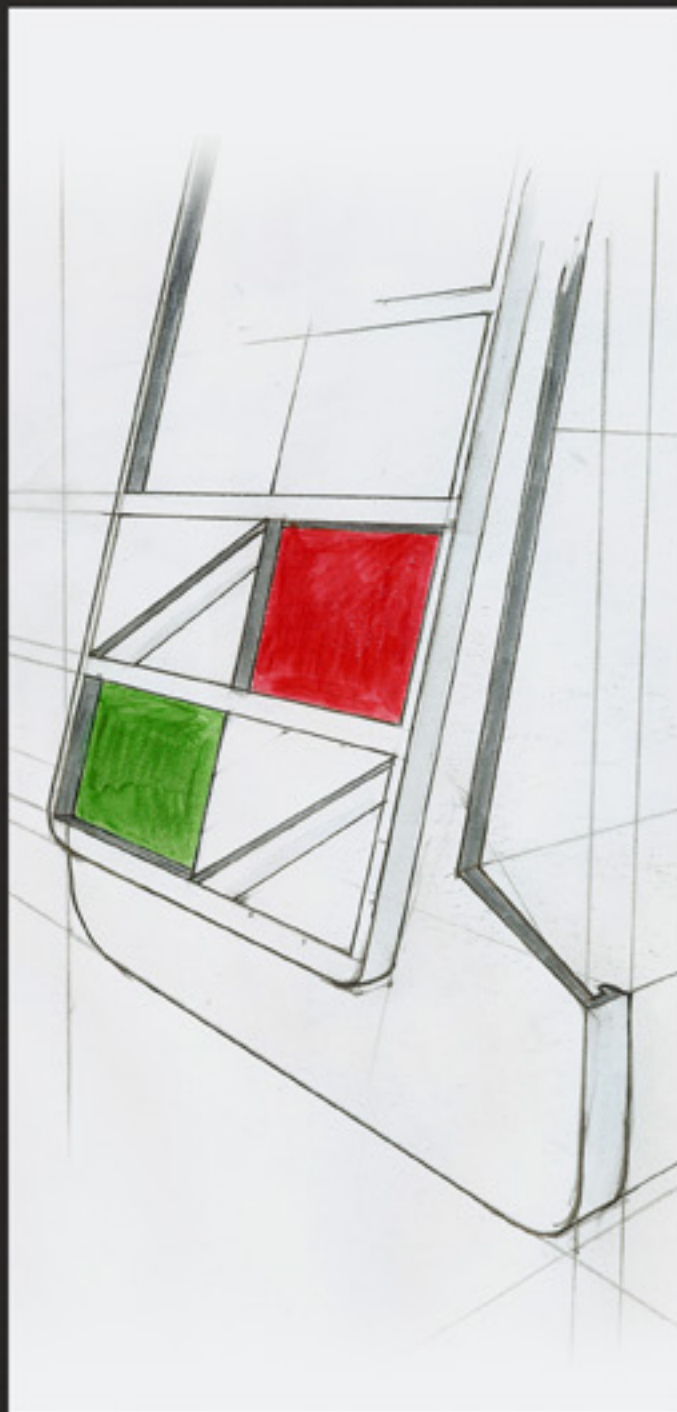
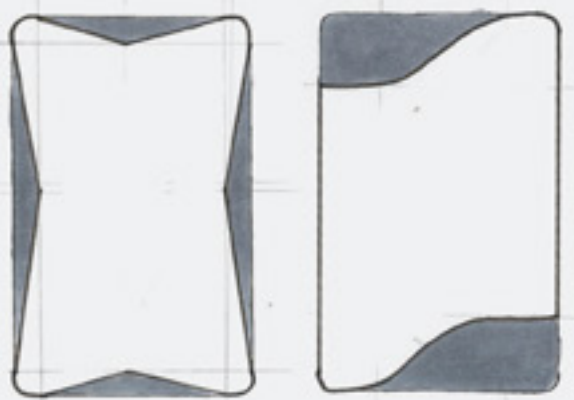
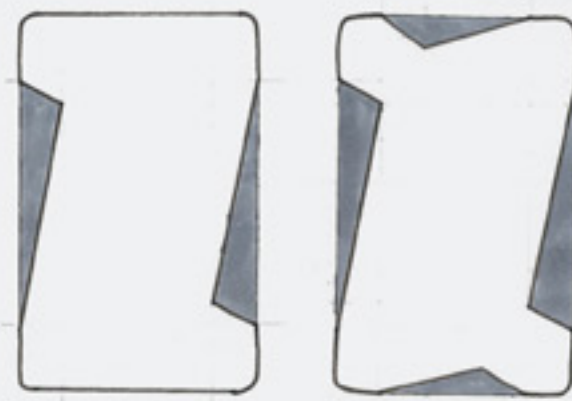
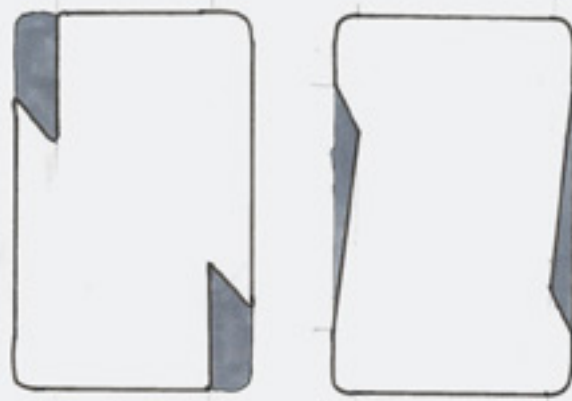
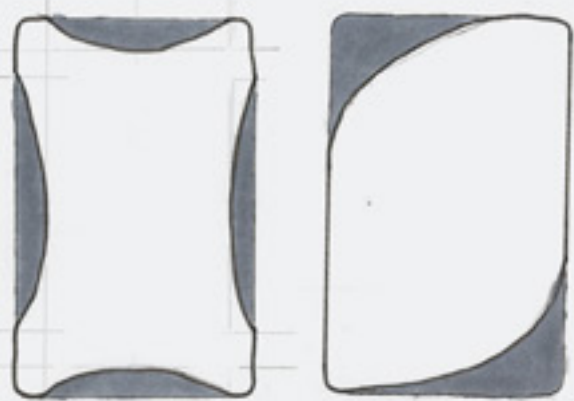
Mania is a bipolar periodic disorder that makes people feel excited and invincible but also careless and in need of pleasure, thus leading to serious financial troubles.

To battle this issue I designed a credit card clip-on case which uses five customisable statements to judge a potential purchase. Sliders cover up opposing statements which gives an immediate visual indication of whether a purchase is sensible.

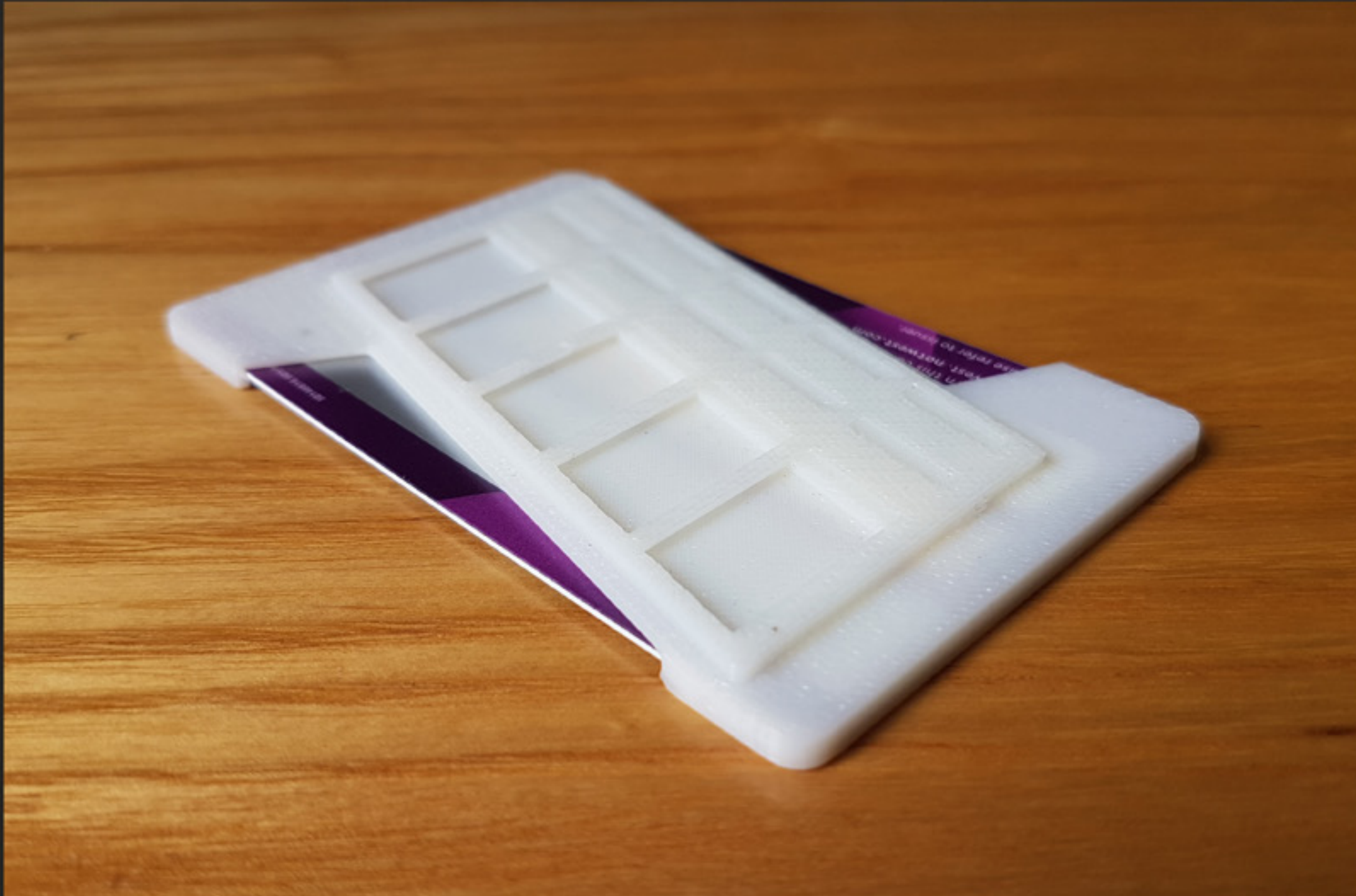
Despite focusing on helping those with mania it is not an exclusive product and can be used by a variety of people who struggle with their financial decisions.

IDEA





SKETCHES



MODELS



You **are** in Control



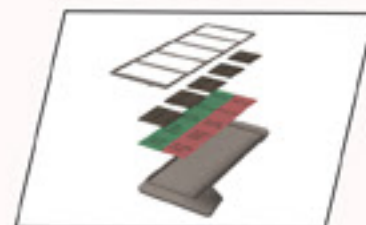
More **Green** than **Red**?
Then go ahead.



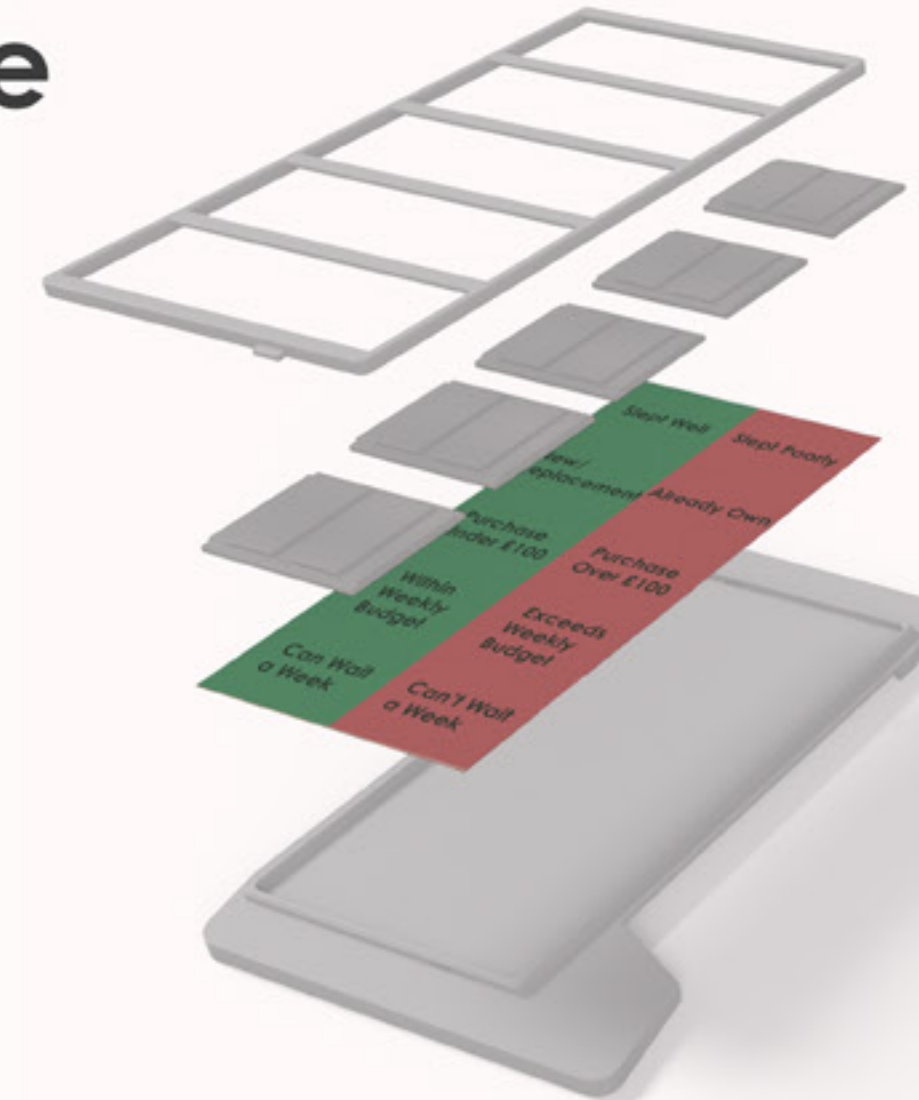
Customise
to suit your lifestyle



Print
& cut out



Insert
& assemble



BOARDS

- Customisable to suit any user
- Physically delays paying
- Comfortable thumb use
- Instant visual feedback



PASTIMES

I enjoy building custom desktops & wearable props, taking photos, trying new recipes and playing table tennis with my family.



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