

Yunus Emre
Pektaş | product
design
2019 portfolio

www.emrepektas.com



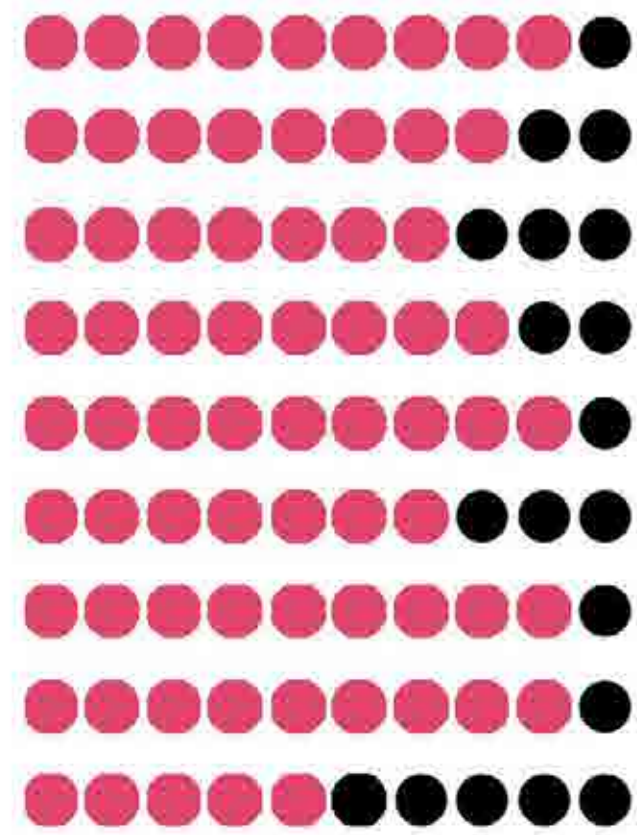
Personal Information

Place of Birth : Altındağ / Ankara
Birthday : 23.03.1989
Marital Status : Single



Skills

Sketching
Photoshop
Illustrator
Solidworks
Rhinoceros
Sketch App
Adobe XD
Keyshot
Alias

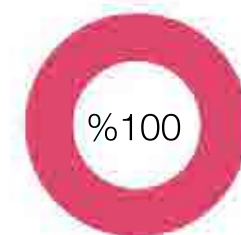


Awards

A' Design Awards 2016 Lighting Products
IMMIB Industrial Design Contest
12th ASD National Package Design Contest
3rd Plastic and Metal Package Design Contest
5th Carboard Products Package Design Contest
ASIASTAR 2016 Package Design
A' Design Awards 2017 Vehicle, Mobility Design



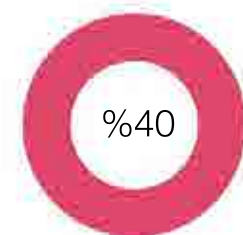
Languages



Turkish



English
TOEFL IBT 95



German
Start A2 Deutsch 47.5



Education

Bachelor : TOBB University of Economy and
Technology Industrial Design



Experience



May 2015 - August 2015



January 2016 - May 2016



September 2016 - January 2017



February 2018 - Ongoing



Hobbies



Social Media



<https://www.behance.net/epektas>



<http://www.coroflot.com/emrpks/>



<https://www.linkedin.com/in/yunus-emre-pektas>



<https://tr.pinterest.com/emrpks/>



<https://dribbble.com/emrpks>



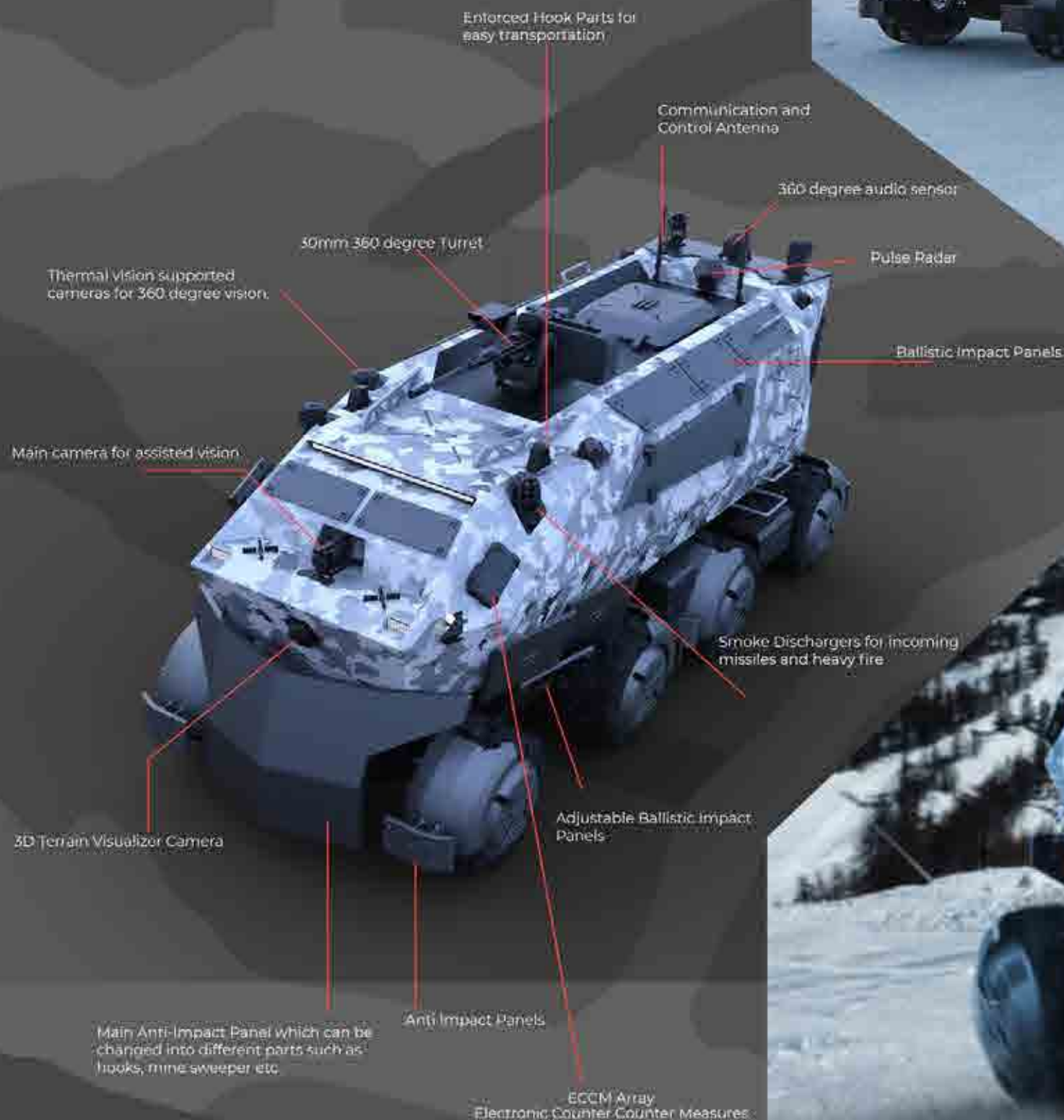
PEACEMAKER

Modular Tactical Attack/Defence Vehicle



Peacemaker is a platform based modular vehicle. Peacemaker tactical attack/defense vehicle is a multi platform based machine. Combining two platforms, forms the ultimate attack/defence machine which can be an ambulance or a infantry transportation vehicle depending on the battlefield's needs. While these two modes of the vehicle has a big impact on the battlefield, in some situations a VR controlled Cannon module can be necessary on encountering with the opposing force, or an additional transportation/ambulance module.

High tech attachments all around the vehicle provide possibility to be controlled remotely and from inside with no need for openings on the main body. They also protect the Peacemaker in any situation and attack when it's necessary.





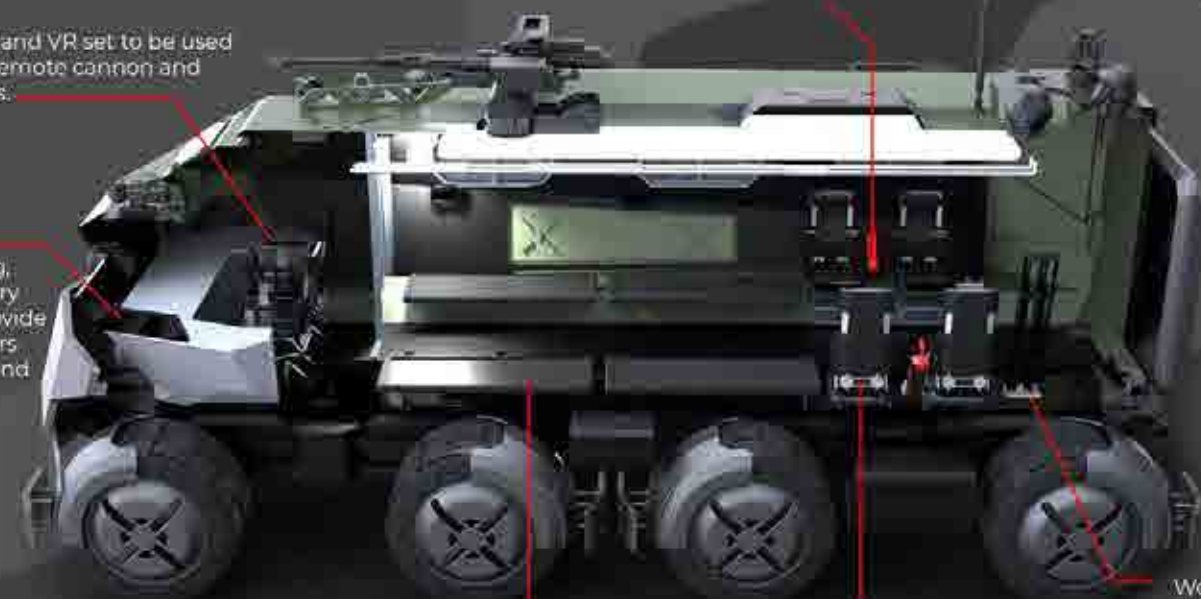
Secondary exit hatch, to be used when the vehicle's main hatch is jammed or there's an obstacle behind it.

5 cm ballistic door for maximum support and safety. Hatch opens with the help of hydraulics in the moment of impact.

4K Display panels used for controlling, maintaining and guiding the weaponry on the vehicle. These screens also provide information from the cameras, sensors that are all around the main vehicle and also the remote modules.

Ergonomic joystick and VR set to be used for controlling the remote cannon and secondary modules.

Usage ready fire extinguishers, for instant action when needed.



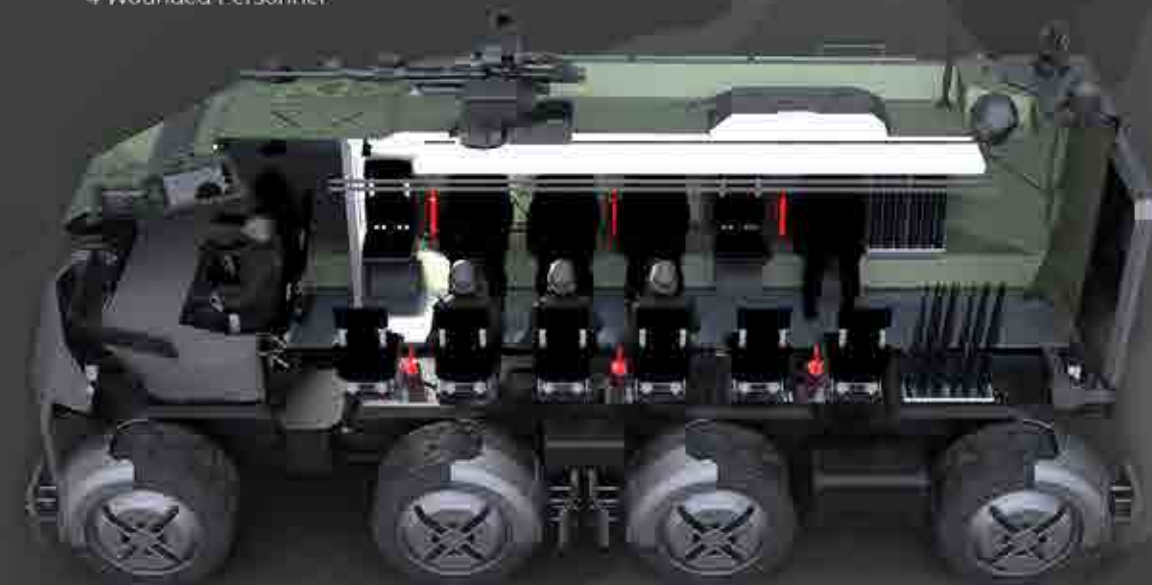
Ambulance Mode

Capacity : 4 Medic Personnel
4 Wounded Personnel

Stretchers for heavily wounded personnel.

Length adjustable, lumbar and neck supported seats for maximum safety.

Weapon rack placed near the door for easy pick up in case of enemy encounter.



Infantry Transportation Mode

Capacity : 14 Personnel

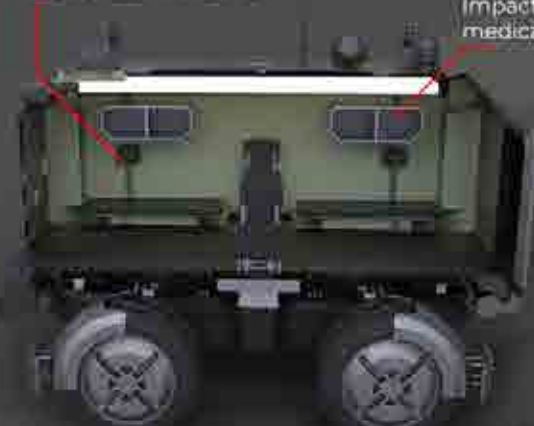


Infantry Transportation Module

Capacity : 8 Personnel

Defibrillator to use in case of fatal incidents.

Impact proof medical cabins.



Ambulance Module

Capacity : 2 Medic Personnel
4 Wounded Personnel



8x8 Driving by 2 Platforms provides great handling for all terrain.



Multi Functional Carrier Module

This module is for providing additional service for the main Peacemaker vehicle.

It can serve as Personnel Carrier, Ambulance, Reconnaissance, Mine Clearance, Recovery Maintenance.



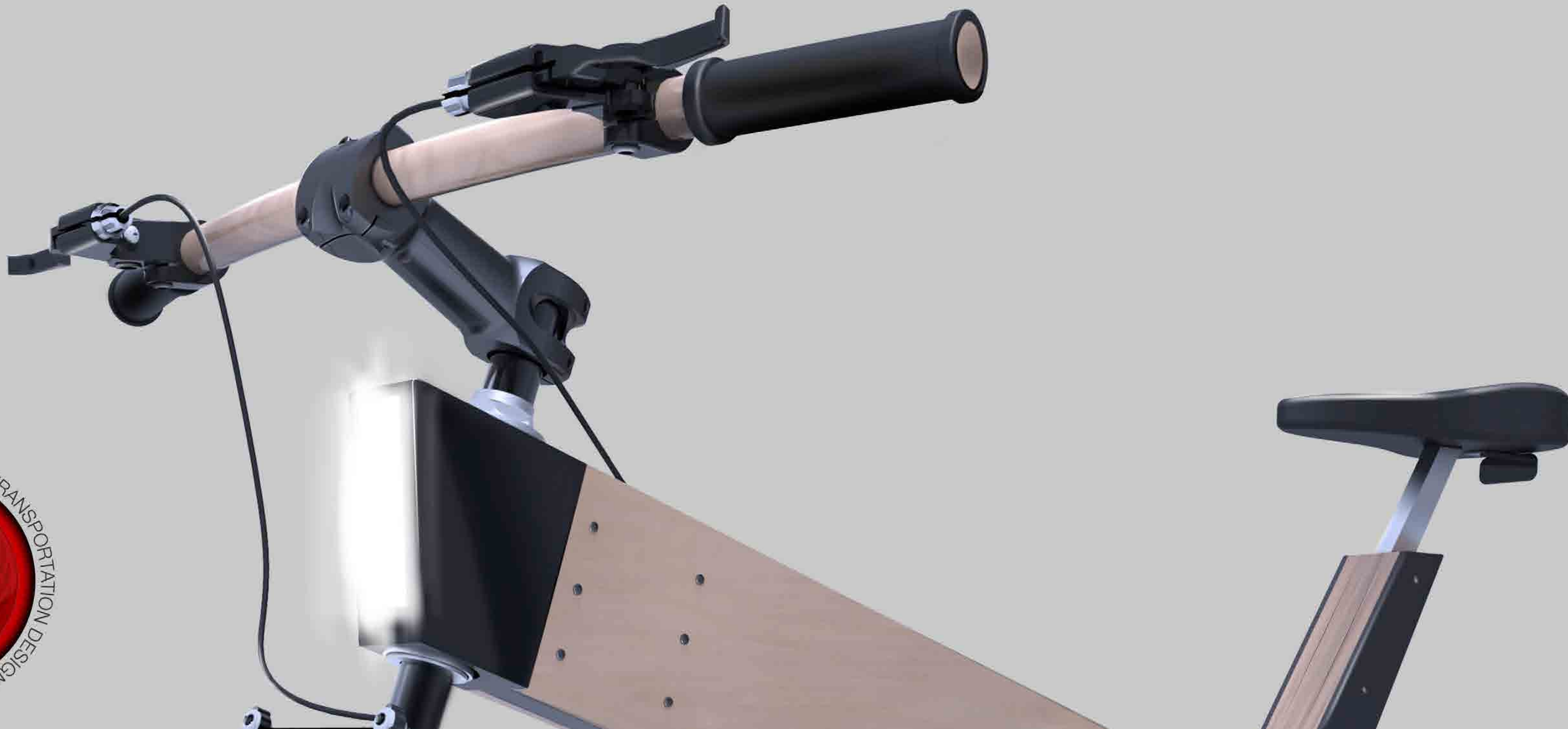
Remote Cannon Module

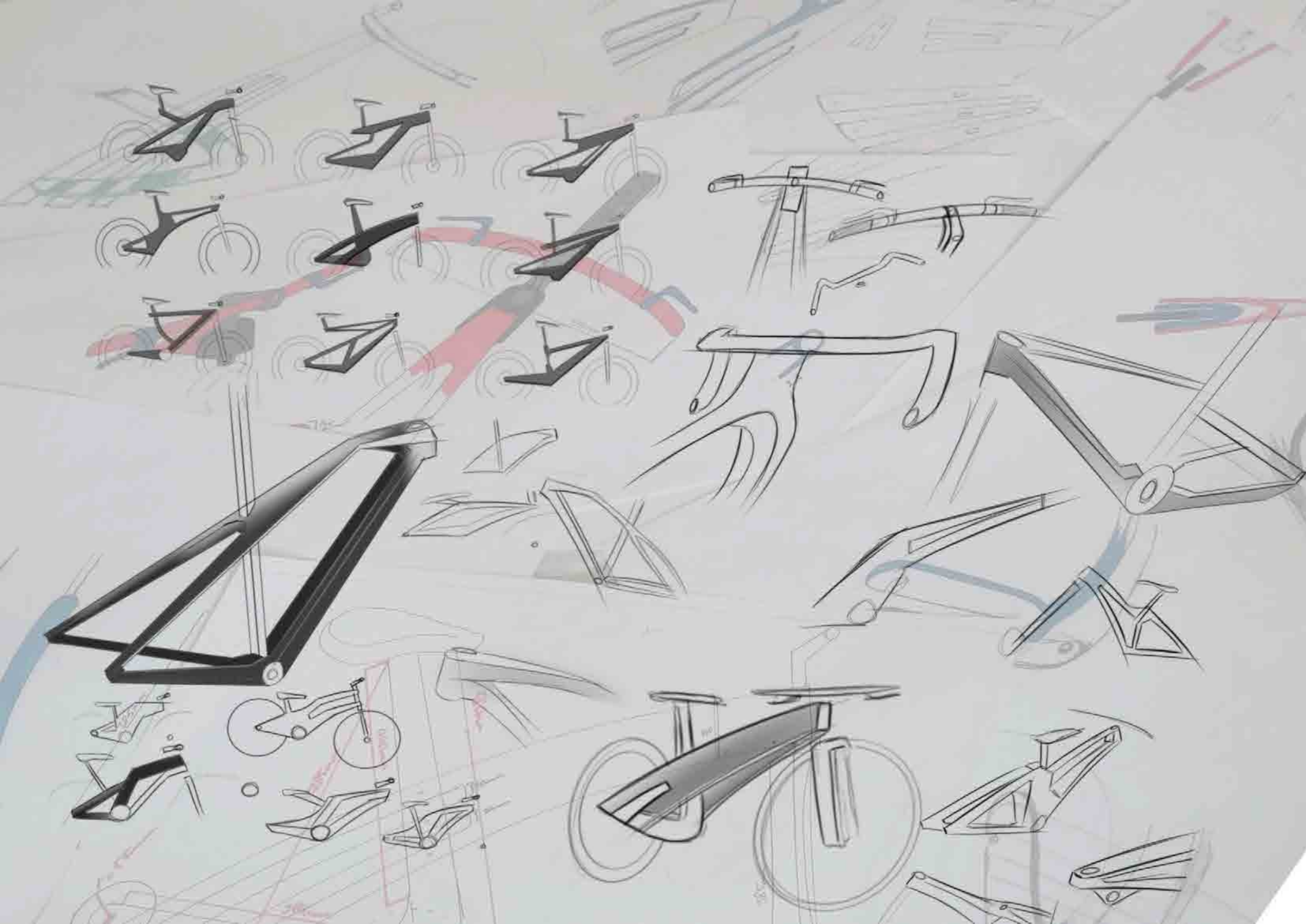
This module is an additional attack force and protection for the main Peacemaker vehicle and for the Multi Functional Carrier Module.

It can be controlled remotely from other vehicles and also from the main headquarters.

LIGNUM

ELECTRONIC WOODEN BICYCLE





The design inspiration of Lignum was to create an eco friendly electrical bike while making it easy to manufacture. Making the main body parts, CNC machined plywood and laser cut aluminum made this dream come true. Using plywood, a natural material as the main element of the bike makes the production and manufacturing less harmful to nature against other production techniques.

Prototype



The plywood parts are ash wood. Metal parts are made from light-weight aluminum. 300W motor ables the user to go up to a distance of 75km.
All parts are made from CNC machinery and laser cutting.



Lignum's goal was to design an electrical bike that didn't use the common pipe structure and produce it in an eco friendly way. Lignum focuses on the flexibility, sustainability and easy processing features of plywood. Plywood combined with aluminum parts meets the expectation of a solid body in a bike. Easy processing of plywood made the production very easy with CNC machinery, the most cost efficient way of production. 300W motor supports the user, up to a distance of approximately 75km.



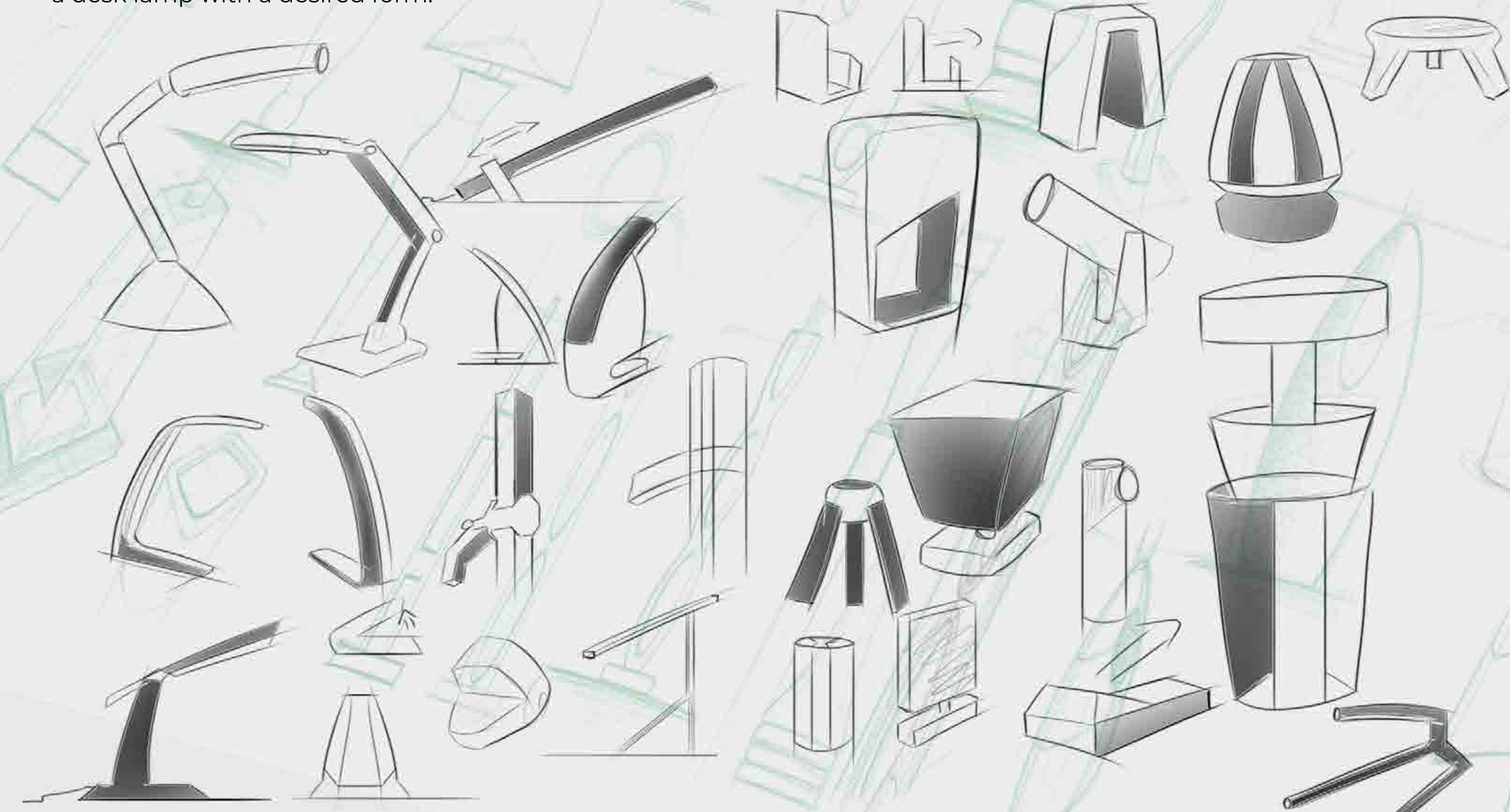
INLOR

ADJUSTABLE DESKTOP LAMP



Ideation

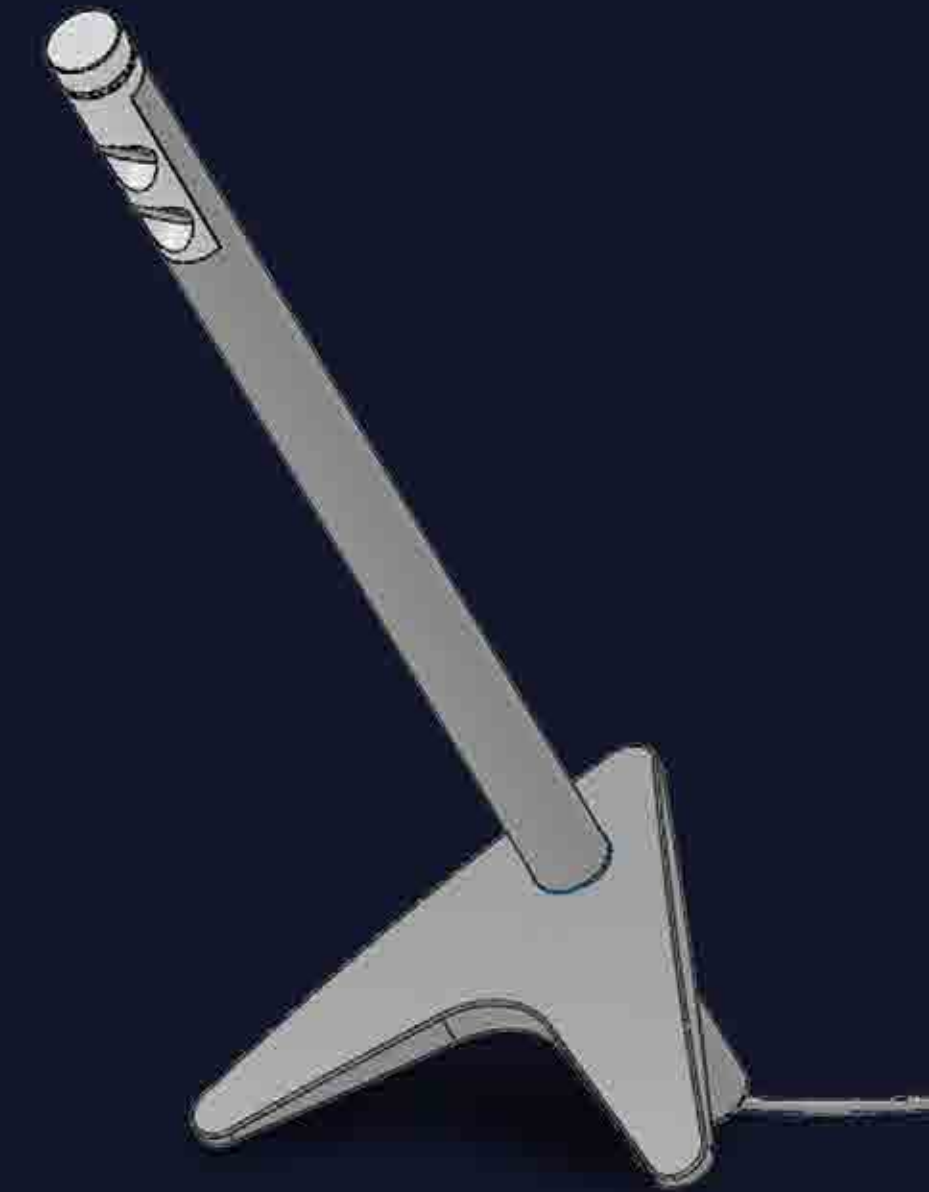
Inlor is a lamp that aims to meet functionality with simplicity by it's design. The user can arrange the pieces for his/her desire by arranging the rod and the wooden base. The lamp uses 2 bright warm white LED's that are placed evenly for maximum luminosity. Adjusting the parts and intensity of the LED's can turn the lamp into an ambient light or a desk lamp with a desired form.

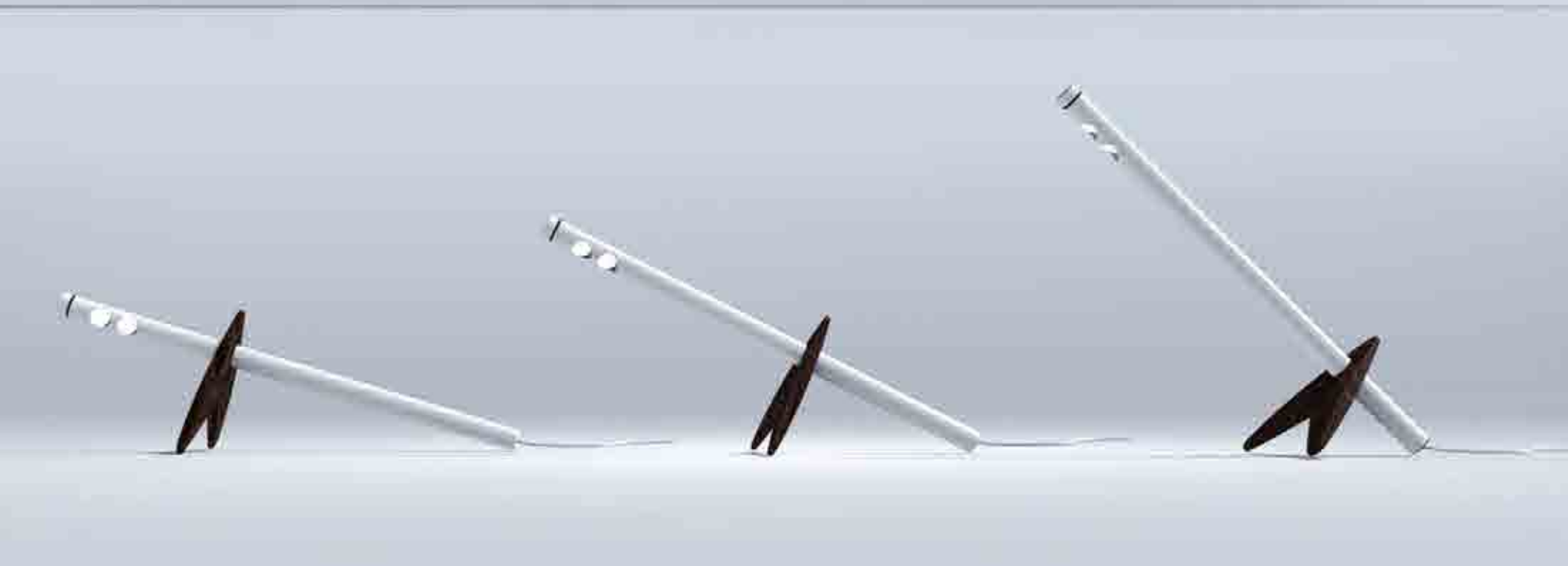


Cad Model



The lamp is made up of three main parts, an aluminum body, aluminum top part for LED's and electronic parts and an oak support part. The aluminum rod part was produced by a 4 axes CNC laser. The top part is connected by two O-rings to the base aluminum rod for an easy install. A silicone ring is used for stabilization between the base aluminum and the wooden part. A steel bar is located at the bottom of the aluminum rod to provide weight for balance. The lenses in front of the two LED's help to provide a wide angle of light. The Lamp's rotating power ring is made of plastic.





Diameters

Aluminum rod Length: 450mm, Diameter: 25mm, Thickness: 1mm,
Oak plywood support Height: 165mm, Width: 200mm Max. Thickness: 15mm, Min. Thickness: 5mm.
2 x 5 watt LED's,
2 x 120 degree LED Lenses Diameter: 20mm,
2 x Heatsinkers Diameter: 19,2mm,
Steel bar Length: 100mm, Width: 21mm,
Silicone ring Diameter: 25mm, Length: 17mm,
Silicone bottom part Diameter: 23mm



360° Adjustable



Moi


Privacy Seater Collection

designed for LOX Design

The design basis of 'Moi' comes from it's name which in french it means 'me,myself'.

Moi aims to isolate it's user from their daily concerns, worriers, surroundings even if it's only for a couple of seconds or an hour and just be with themselves.





Moi comes in two sizes, a single seater just to be with yourself or a two seater so that you could be with your loved one, a friend, even a colleague for a quick business meeting.



Nets were used on the side panels so the person seating can see a glimpse of what's around them, while being isolated from outside. Velvet fabric is used at seating to welcome you with the lovely feeling when you touch it. Acoustic fabrics are used on the outer and inner part for noise cancellation.

Whether you want to chill or do business the high coffee table offers you the opportunity to let you work with your laptop, tablet, notebook etc. while you are with 'yourself'.

Ash wood top



Aluminum Base





Class 'A' Velvet upholstery

Acoustic fabric

Ash wood structure

Ash wood top

Aluminum Legs

A minimal ash wood top and metal leg coffee table waiting for your fresh cup of coffee.

While giving energy to your soul with vivid colors, Moi invites you to spectacular realms... Moi... Your identity's sincere inner voice...

Cali

Chair

designed for LOX Design

The chair is produced from the finest ash wood with a touch of black venge stain, top quality foam and an exquisite finishing with top quality 'Kvadrat' fabrics.



When I started designing the product I had only one thing in mind 'simplicity'. Through out the process; there were a lot of ideas, sketches, mock-ups, prototypes along the way.

After a long, but joyful journey, I came with 'Cali', which I believe to be the perfect balance between simplicity, ergonomics and modern design.

Ash wood is strong, durable and generally light in color. It is course but the grain is fairly straight. As a result of it's strenght and durability, it's perfect for chairs, with black venge stain it completes Cali's soul.

Cali's upholstery is finished with top quality Kvadrat fabrics. Kvadrat is a company that leads the fabric market since 1968.

Their success in fabric martindale test and colors schemes are the main reasons that lead them to be the perfect choice for Cali.



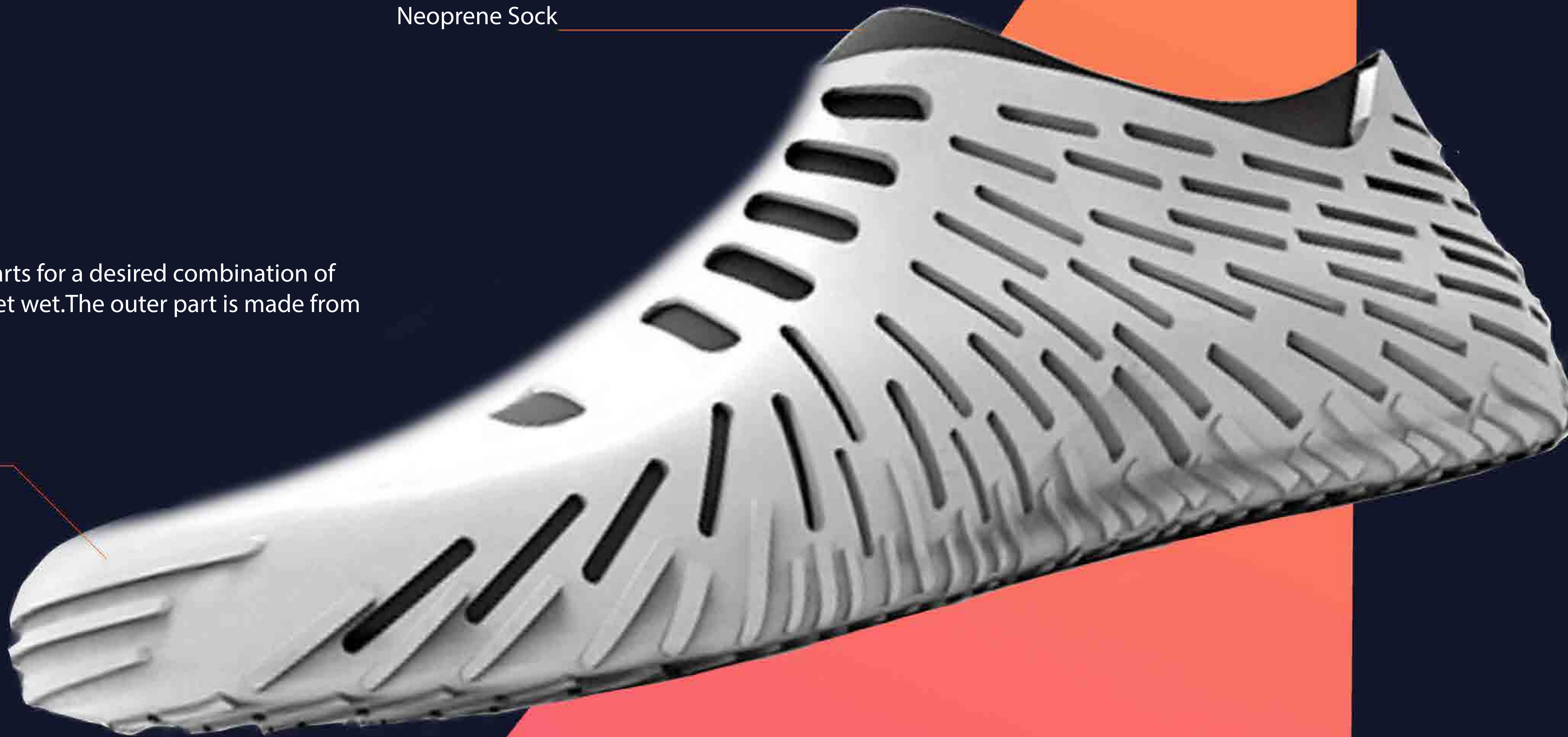
Morph

Modular Shoe&Bag

Morph is a modular shoe with 2 changeable parts. Users can change the parts for a desired combination of the 2 parts. Inner part is made out of neoprene sock to avoid getting the feet wet. The outer part is made from polyurethane to prevent users to slip when on a boat or a wet surface.

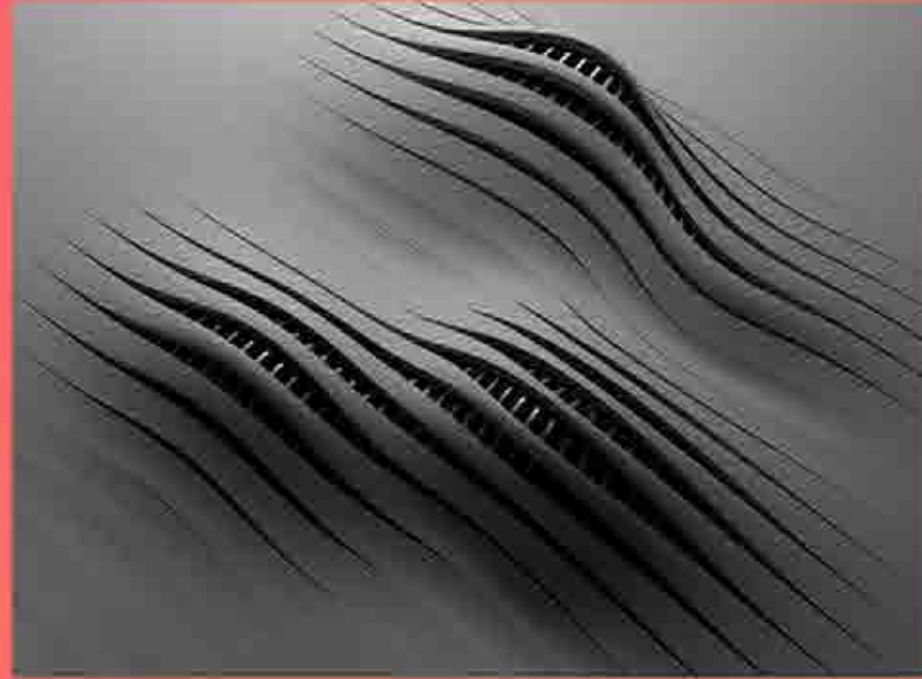
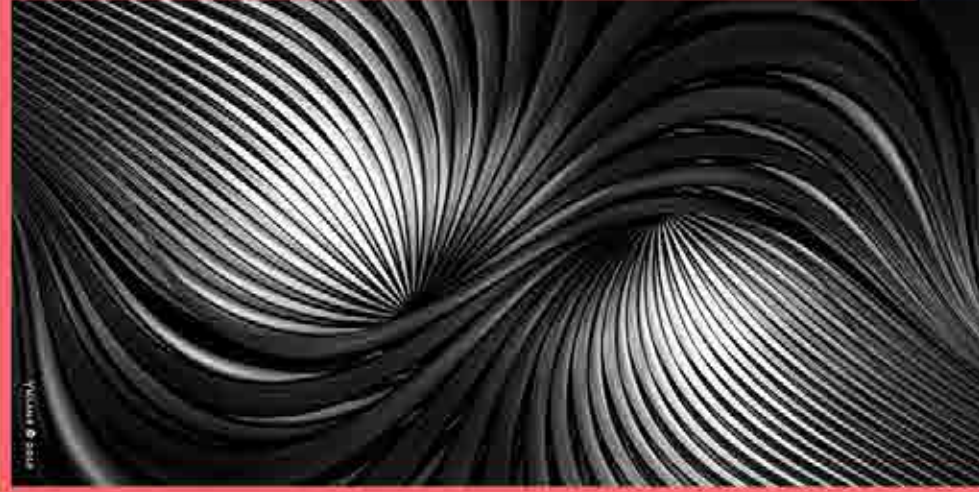
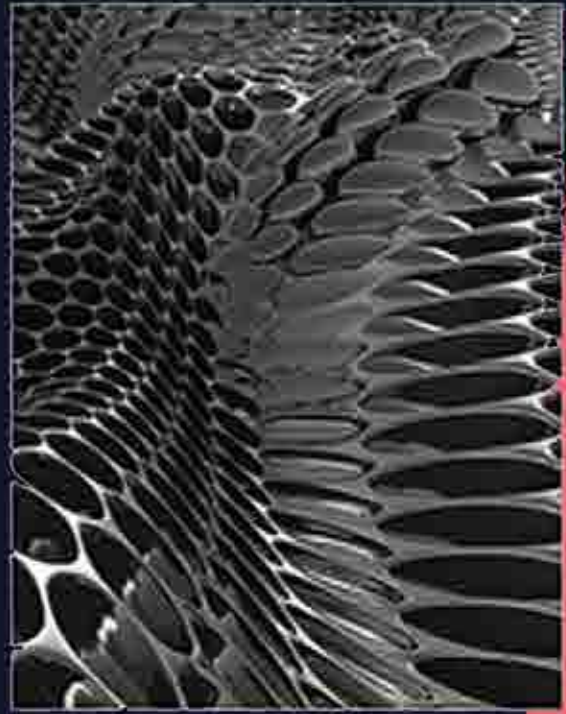
Neoprene Sock

Polyurethane



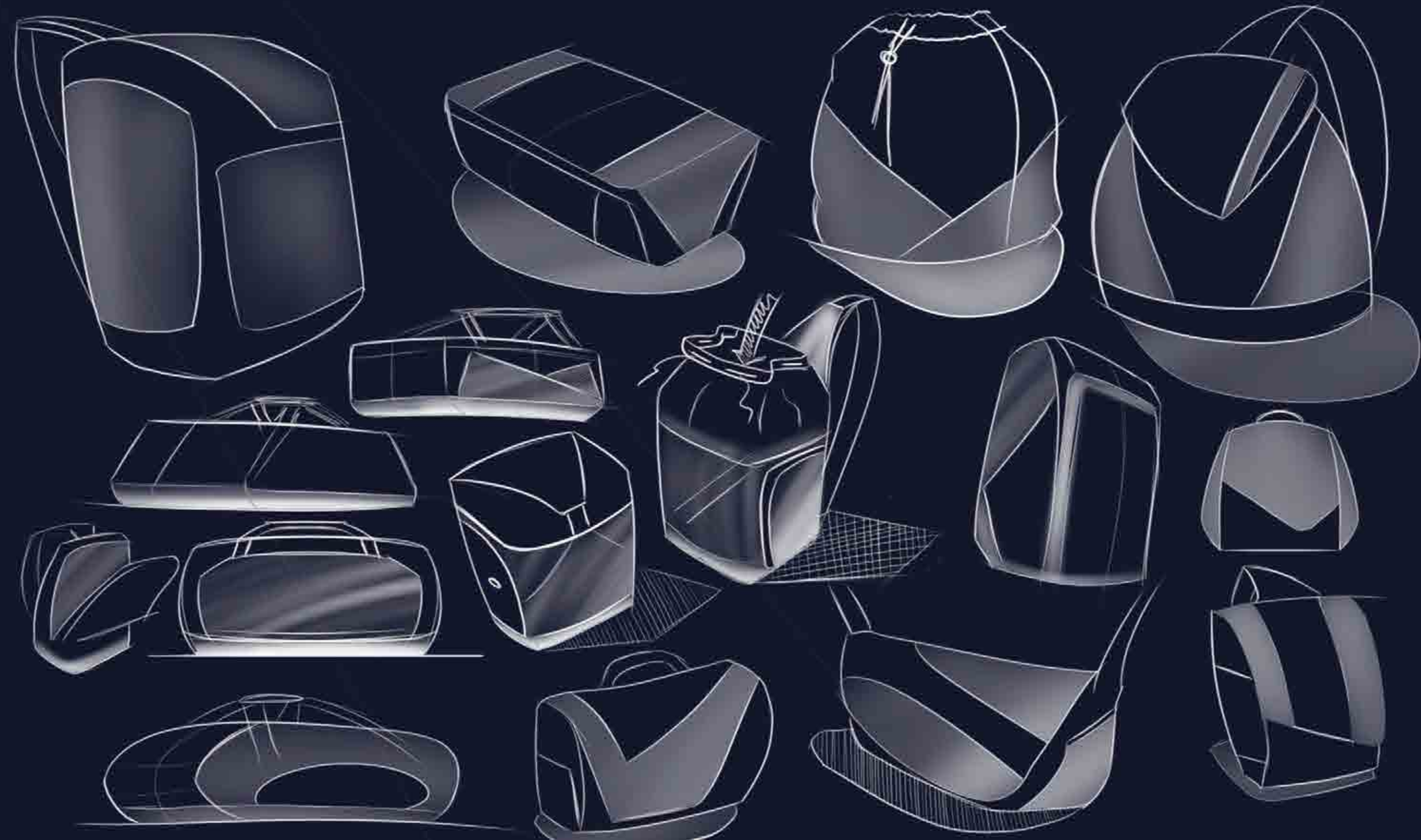
Ideation

During the project time, nearly 550-600 sketches were made, and in those 600 sketches only one was selected to move things further.



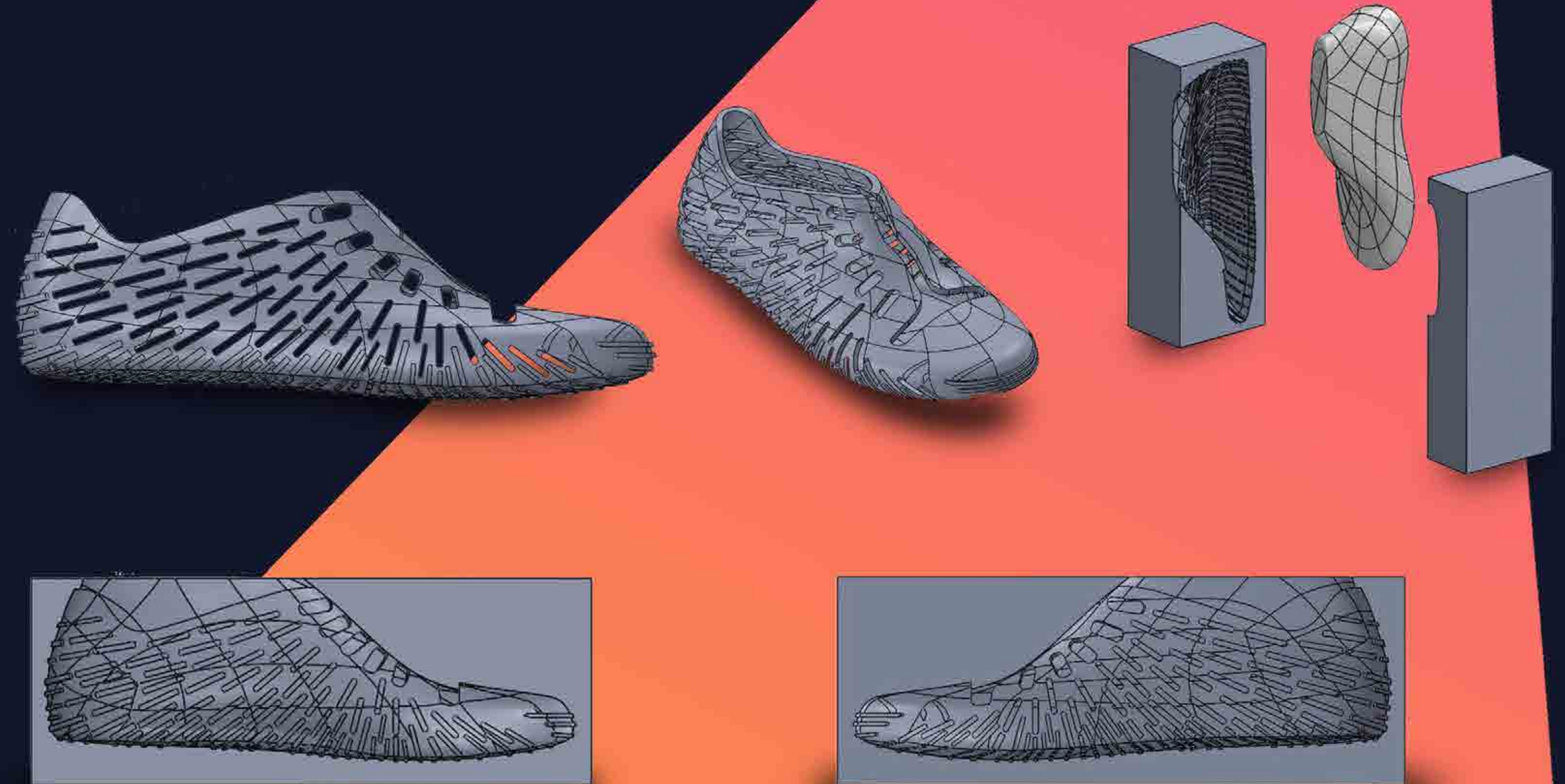
Ideation

The main idea of the process was to design a bag and a shoe, that had the same design philosophy, language. The bag design is similar with consisting 2 parts as the shoe.



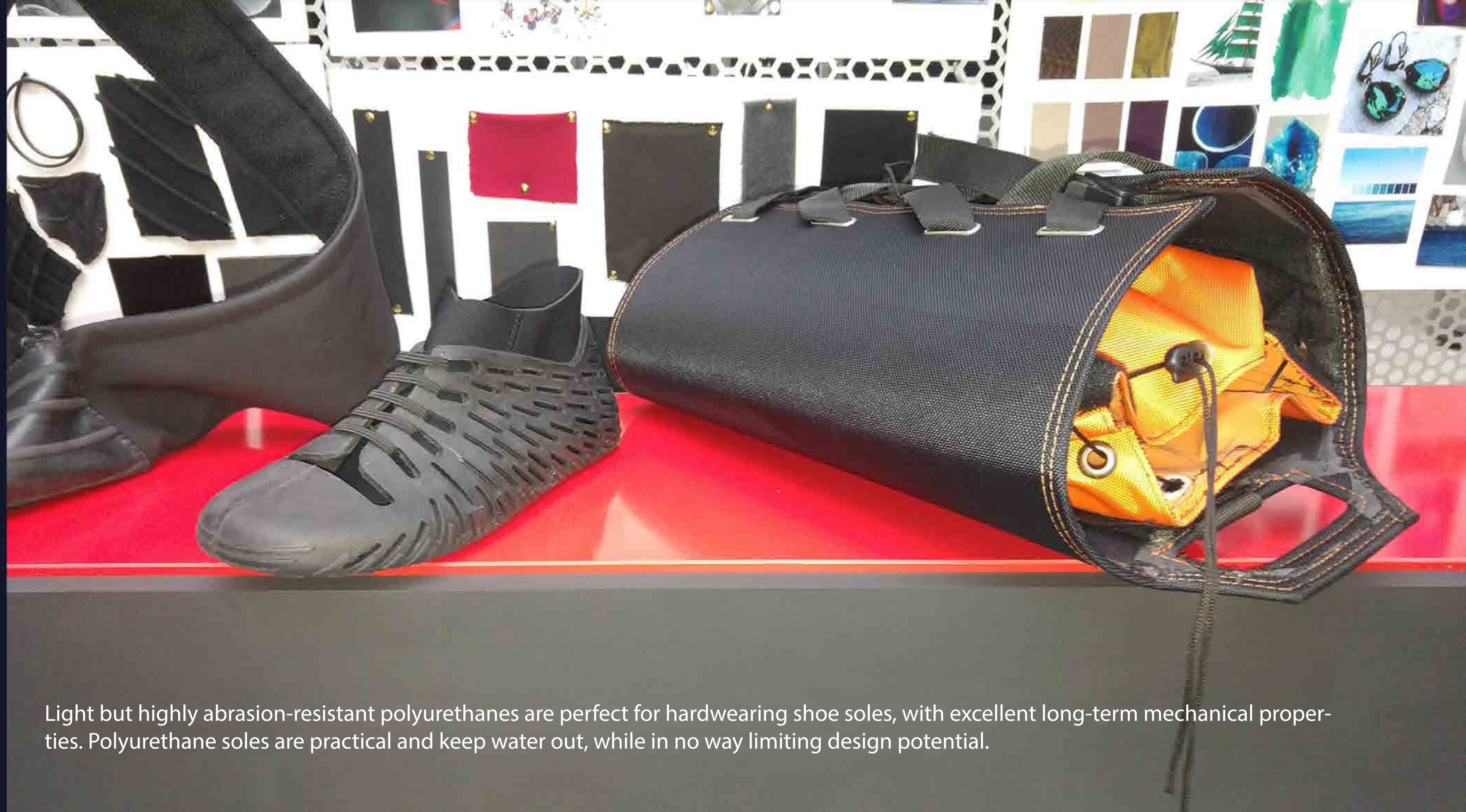
Mold

After deciding the final concept, 3D modelling for production was a necessity for molding. The shoe's unordinary form made the CAD phase was pretty challenging. The CAD files came to life with the help of 3D printing. The SLS Printing was the choice to go, for making the mold come to life perfectly. Mold consisted 3 parts, one male, two female.



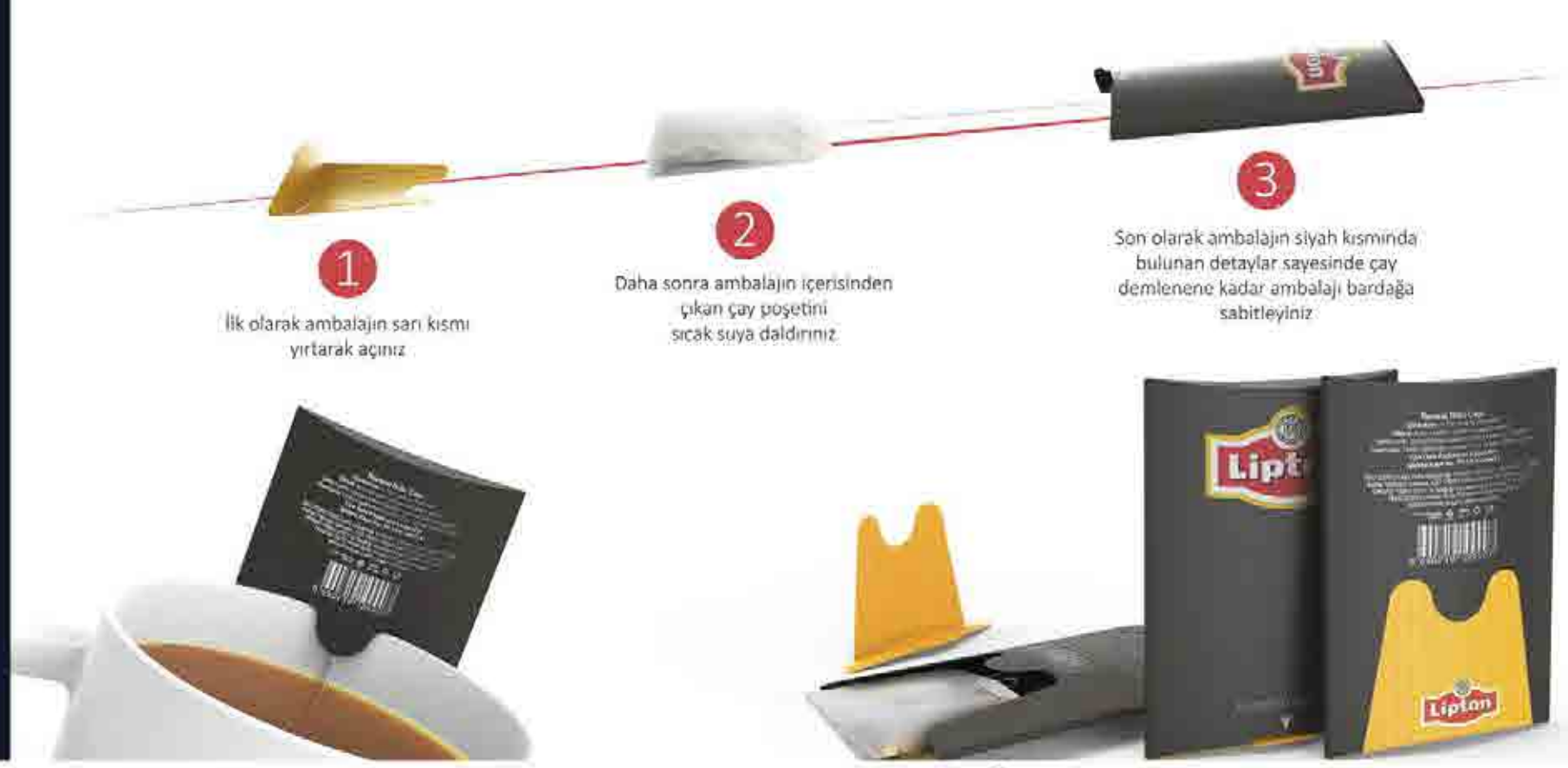
Prototype

Good footwear should be comfortable, long-lasting and fit for purpose – not to mention affordable. Polyurethanes allow designers to meet all of these objectives.



Light but highly abrasion-resistant polyurethanes are perfect for hardwearing shoe soles, with excellent long-term mechanical properties. Polyurethane soles are practical and keep water out, while in no way limiting design potential.

Awards



3. Öğrenci Üçüncülük Ödülü



Berk Kaplan
Gazi Üniversitesi
Mimarlık Fakültesi
Endüstri Ürünleri Tasarımı Bölümü



Yunus Emre Pektaş
TOBB Ekonomi ve Teknoloji Üniversitesi
Güzel Sanatlar, Tasarım ve
Mimarlık Fakültesi
Endüstri Ürünleri Tasarımı Bölümü

Projesi:
Designer Box
Çizim Gereçleri
Kutusu



"DesignerBOX ile her yer stüdyo..."

Oliver



"Zeytinyağının saf ve temiz algısından yola çıkarak, ambalaj da hem form hem grafik açıdan minimal bir şekilde tasarlanmıştır."

KABUKLA



ön yüz



arka yüz



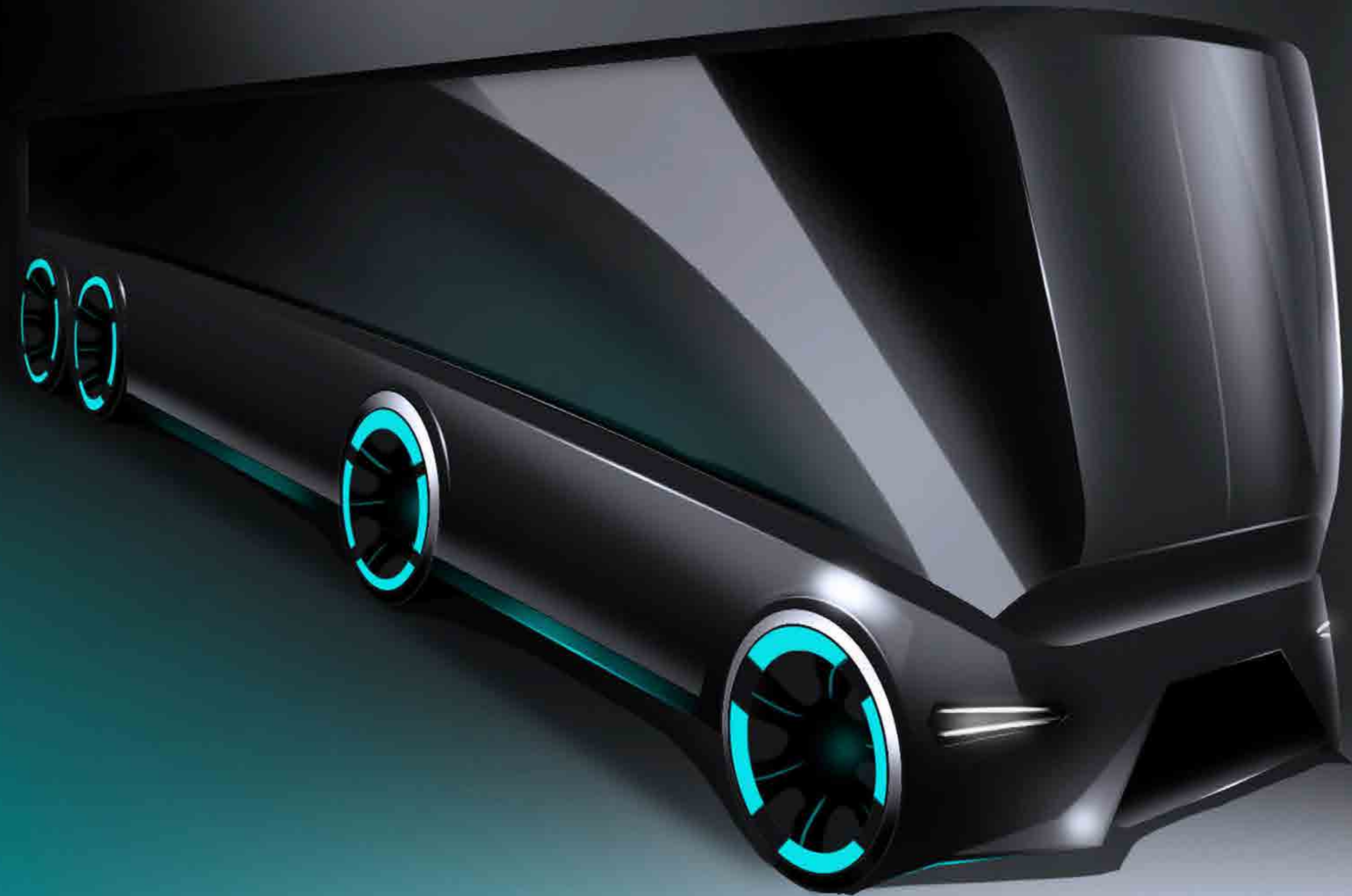
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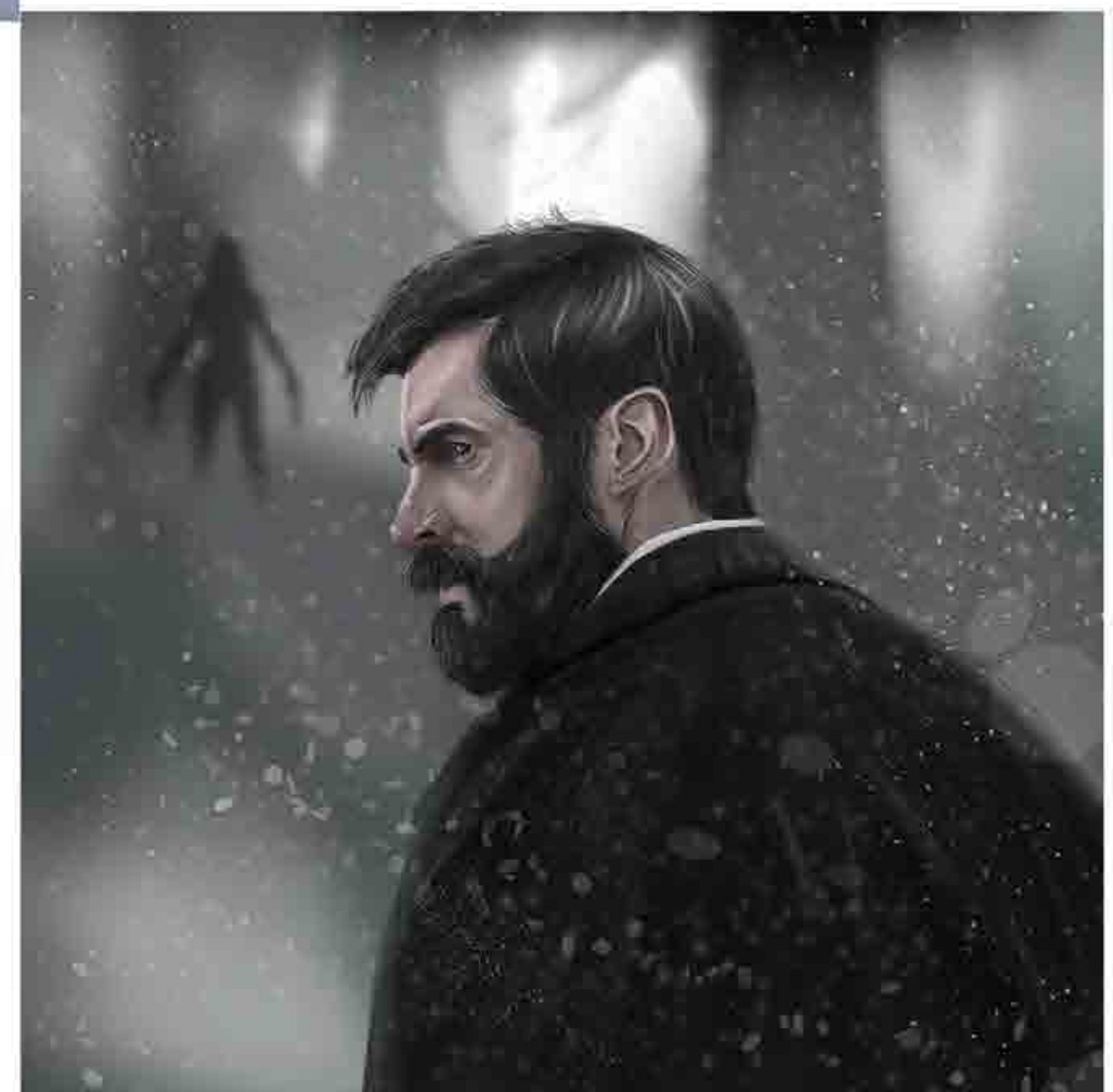
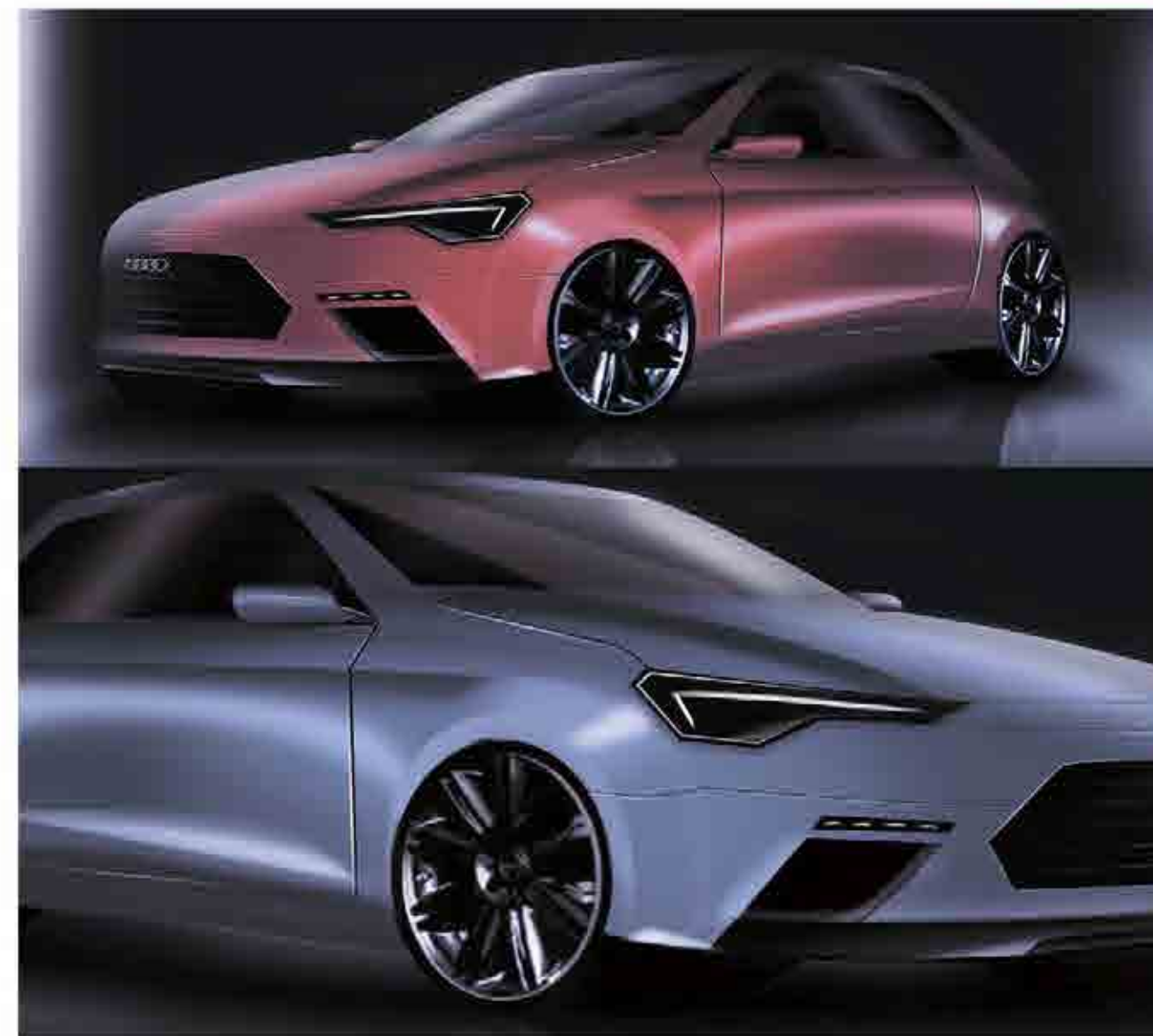
"Kabukla", kabuklu kuruyemişler için tasarlanmış bir ambalajdır. Ortadaki referans bölgesinden ön yüzeyi yırtılarak ambalaj ikiye katlanabilir hale gelir. Kesim çizginin üst yüzeyi, kuruyemişin kabuklarının atılabileceği bir haznedir. Böylece ülkemizdeki yerlere atılan kuruyemiş kabuğu problemine çözüm sunar ve çevre bilincini arttırmayı hedefler.

Plastikten Mamul Düzenleyici Ürünler Kategorisi Öğrenci Kategorisi

Sketches







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