

PORTFOLIO

Product & UX-UI Design


dilagenic




DILA GENÇ

Industrial Designer
Interior Architect

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SKILLS

Software Skills

Rhinoceros
Adobe Photoshop
Adobe Indesign
Adobe Illustrator
Adobe Aftereffects
Fusion 360
Procreate
Keyshot
Figma
3ds Max
AutoCAD
V-Ray

Analouge Skills

Product Design
UX-UI Design
3D Modelling
Design Thinking
Concept Design
Interior Design
Web Design
Digital & Hand Sketch

LANGUAGES

Turkish
English
Japanese

EDUCATION

2017 - 2021
Industrial Design
Yasar University, Izmir / Turkey

2020 - 2023
Interior Architecture
Yasar University, Izmir / Turkey

EXPERINCE

Bisan Motorbike and Bicycle
Product Designer
Internship - August 2022 - December 2022

Brew Mood Coffee and Tea
Product & Service Designer
Work - January 2023 - June 2023

FieldTech Engineering Ltd
Product Designer & UX Designer
Work - July 2023 - November 2023

Zweiwunder
Product Designer
Freelance - November 2023- February 2024

AWARDS

Mavibahçe - Ceiling Design Competition
2nd prize - category of students.

EIB - Homeoffice Furniture Design
5st prize - category of students.

European Union - Disinformation project
in Extraordinary Situations Website Design
1st - group project

01 **TULPAR**
Hybrid E-bike



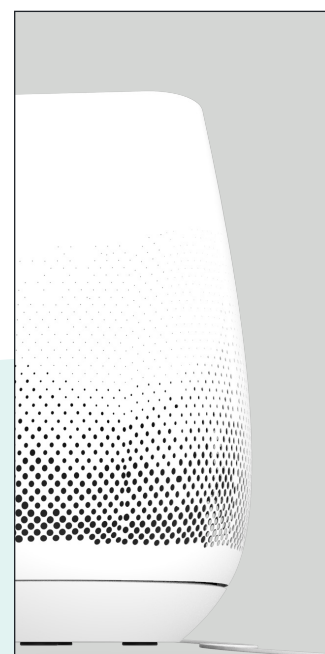
02 **ERGOFIELD**
Field Controller



03 **GALIO**
Home Office Furniture



04 **LODOS**
Air Conditioner



05 **CANDO**
Concept Hair Dryer



06 **PROJECTS**
Other Projects



07 **SKETCHES**
Digital Sketch & Render



TULPAR // 2022

E-Bike

DESIGN BRIEF

It is aimed to increase the use of bicycles today instead of vehicles that provide environmental pollution. Using bicycles has many benefits for both the environment and human health. In the bicycle design to be made, bicycle design and production will be provided by focusing on a problem and creating innovation.

CONCEPT

Due to the inadequate and inefficient road features of bicycle roads, mountain bicycles are preferred for urban transport rather than city bicycles due to the fact that mountain bicycles provide features such as comfort, jumping hills and robust driving on urban roads and bicycle riding roads, which leads to the misuse of bicycle type features. The electric hybrid bicycle, which emerged from the processing of mountain and city bicycle features according to the importance and need in order to provide hybrid driving of urban or urban land use, will provide efficient and need-oriented driving both in urban and off-road conditions; It has been revealed as a solution to the problems arising from the use of bicycle types outside the purpose of its construction.





E-Bike



Mountain Bike



Racing Bike



City Bike



Folding Bike



Trekking Bike

ADVANTAGE

Easy handling on rough terrain.
Less vibration with suspension.
Comfortable grip.
Weight balance.

DISADVANTAGE

Friction wear
Lack of equipment
Difficult driving with thick tyres
Weight with excess suspension

ADVANTAGE

Fast handling with thin tyres.
More use with upright grip.
Ability to make long journeys.

DISADVANTAGE

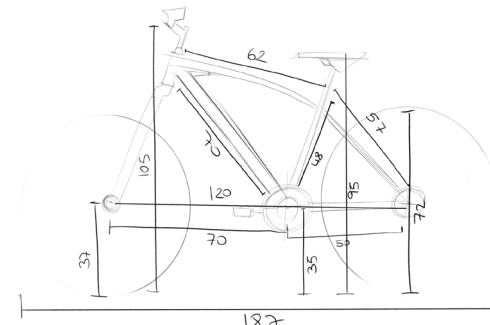
Rough handling with smooth wheel
Inability to change position
Inability to jump obstacles with a thin wheel

ADVANTAGE

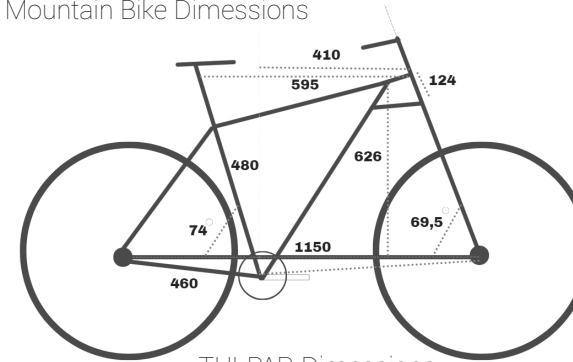
Similar characteristics with city bike.
Use with large tyre.
Ease of use on flat ground.

DISADVANTAGE

Reducing movement with bike frame shortening
Lack of manoeuvre
Balance problems with centre of gravity
Insufficient grip on uneven surfaces

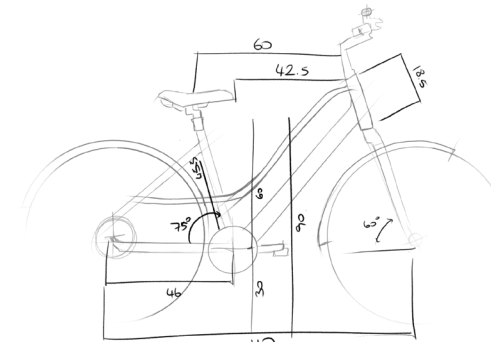


Mountain Bike Dimensions



TULPAR Dimensions

By evaluating the length and shortness of the features that should be in the bicycle, the hybridised form of mountain and city bicycle dimensions formed the general angle and dimensions of the bicycle.



City Bike Dimensions

Dimensions

Synthesis of measures

MID

Long - the less affected by rough terrain.
Short - the easier it is to turn corners.



MID

Long - cornering is easy with a 50x50 weight distribution.
Short - weight distribution goes to the rear, cornering becomes difficult.



LONGEST

Long - resistant to impact and hard brakes
Short - weight balance is regulated.



LONGEST

Long - Steering response is fast.
Short - Sitting troubles.



LONGEST

Long - reduce increased suspension travel.
Short - Increases stability



74 DEGREE

The angle between 72-73 is ergonomic. When the angle increases to 74 and above, it sits away from the rear wheel and the rear wheel knock is minimised.



MID

Long - arm fatigue is reduced
Short - aggressive stance and quickness in changes of direction



MID

Long - arm inability to reach
Short - risk of jamming



MID

Supporting long-erect sitting

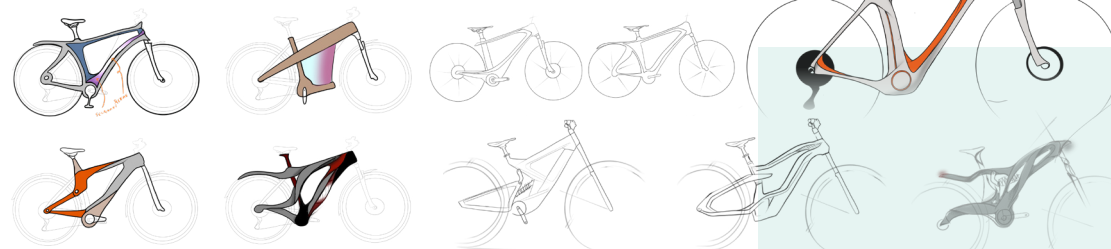


SHORTEST

Long - Racer driving style
Short - Durable and comfort



PROTOTYPE



SKETCHES



Removing and charging the battery





ERGOFIELD // 2023

Field Controller

DESIGN BRIEF

Design of field control unit for measurement and mapping drawings, office and field assistant and UAV use. Recording locations and measurements of locations in the field, mapping and drawing of the field with AutoCAD, recording visuals of the field with the use of UAV.

CONCEPT

Field control unit for mapping, mining and archaeology, with ergonomic handle for field work and office work, providing efficiency of use, preventing further use and health problems, easy portability in field work and in the office, carbon fibre material selection supported for cost and quality and compact folding mechanism. A 360-degree joystick main button used to make key assignments, two button designs for detailed operations were also included in the handle according to the way they were held. The motherboard was designed and integrated into the product and a keypad was created in the main body to be used in applications. Adjustable holder for different tablet sizes and a longitudinal hanging apparatus is designed to ensure continuous use by constantly changing places.

MOCK-UP DEVELOPMENT



Requirements for the refinement and further development of the Ergo-field control unit design in the archaeological and mapping segment, which is the company's production area: Requirements for the refinement and further development of the Ergo-field control unit design in the archaeological and mapping segment, which is the company's production area:

Modularity,
Use both in the office and in the field,
Ability to use with UAV,
Ergonomics of grip,
Key accessibility,
Product material,
Hanger and hanger slot,
Closer for port entry,
Transport mechanism,
Joystick ergonomics,

Demographics:
20-40 years old
Female/Male
High School/University

Psychographic:
Free
Hardworking
No borders

Behavioural:
Wilderness
Sport
Successful in his work



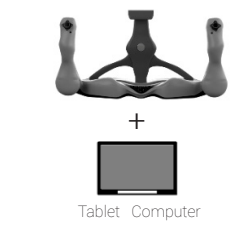
USAGE AREAS



Office



Field



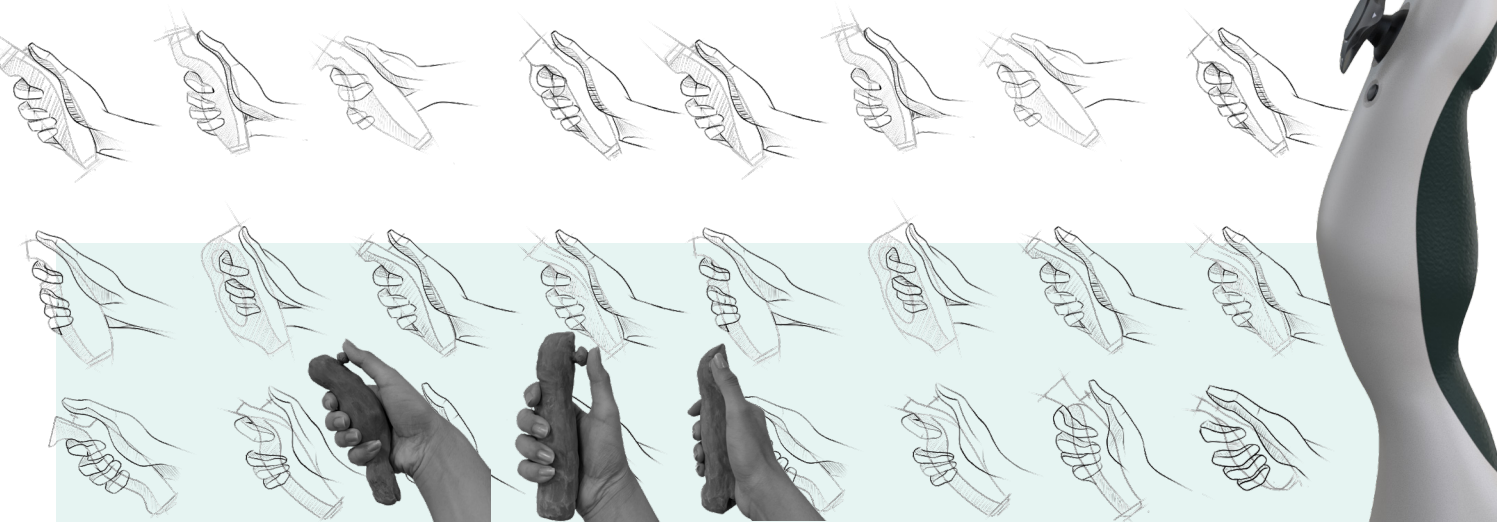
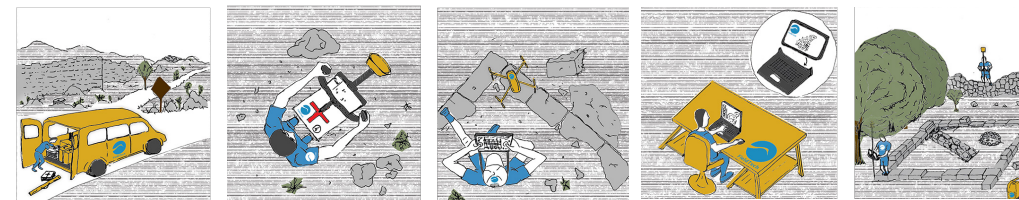
Tablet Computer



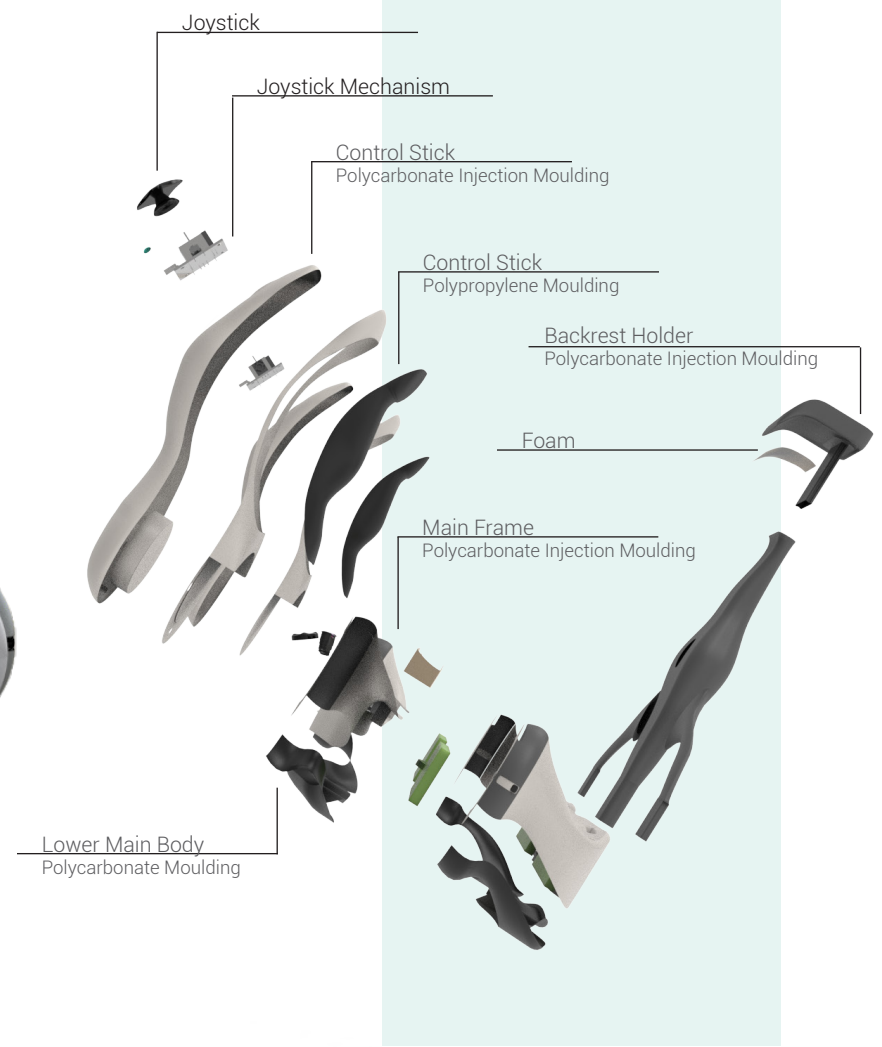
GNSS Takeometre Laser Scanner Drone

Jalon Shoulder strap

Software



PROTOTYPE



It provides the features of providing, collecting and providing distance from the body with removable and attachable suspension apparatus.

GALIO // 2021

Home Office Workspace Furniture

DESIGN BRIEF

The aim is to support the development of design in the furniture, textile and natural stone industries, to emphasise the importance of design for related sectors and to establish a design culture. Today, homeoffice working style has increased and futuristic working furniture has been designed for homeoffice workers.

CONCEPT

Working as a home office has its benefits, but we are faced with many health problems due to the fact that the working style remains the same and the working position is not suitable for working. Three different usage styles are designed in this design. Supported by researches, a furniture design was made with a monocoque body by creating different angles of a single furniture for sitting, lying and standing work. By rotating the single furniture, you can provide different working styles, and when not in use, you can make it take up little space.



HOME WORKING PROBLEMS

LACK OF FOCUS AND DISTORTION

Defining the home environment as a comfort zone.

ERGONOMIC PROBLEMS

Lack of items suitable for the working environment

INACCESSIBILITY

Insufficient storage space.

PSCOLOGICAL PROBLEMS

Decreased communication with social and environment

INEFFICIENCY

Lack of sound, light, sapce.

IRREGULARITY AND DISCIPLINESS

Irregular routine due to no specific work area.

WORK AREA PRINCIPLES

WORKING SPACE

Continuous change of environment

Change of position.

Not receiving new items.

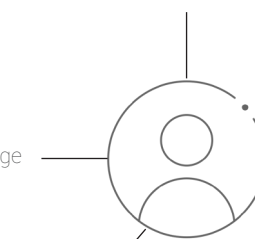
Non-ergonomic furniture.

Change in standing, sitting and working styles during work.

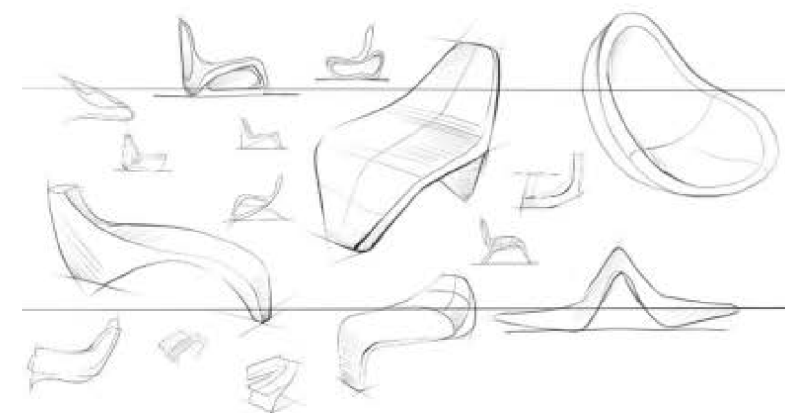
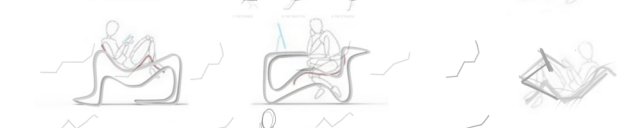
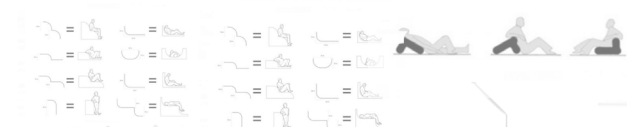
Doing different activities in the same environment.

Computer and IT
Marketing
Accounting and Finance
Project Management
Medical and Health
HR and Recruiting
Customer Service

24-35 Age



Feeling creative
More productive
Planing working scadule
Freedom





LODOS // 2020

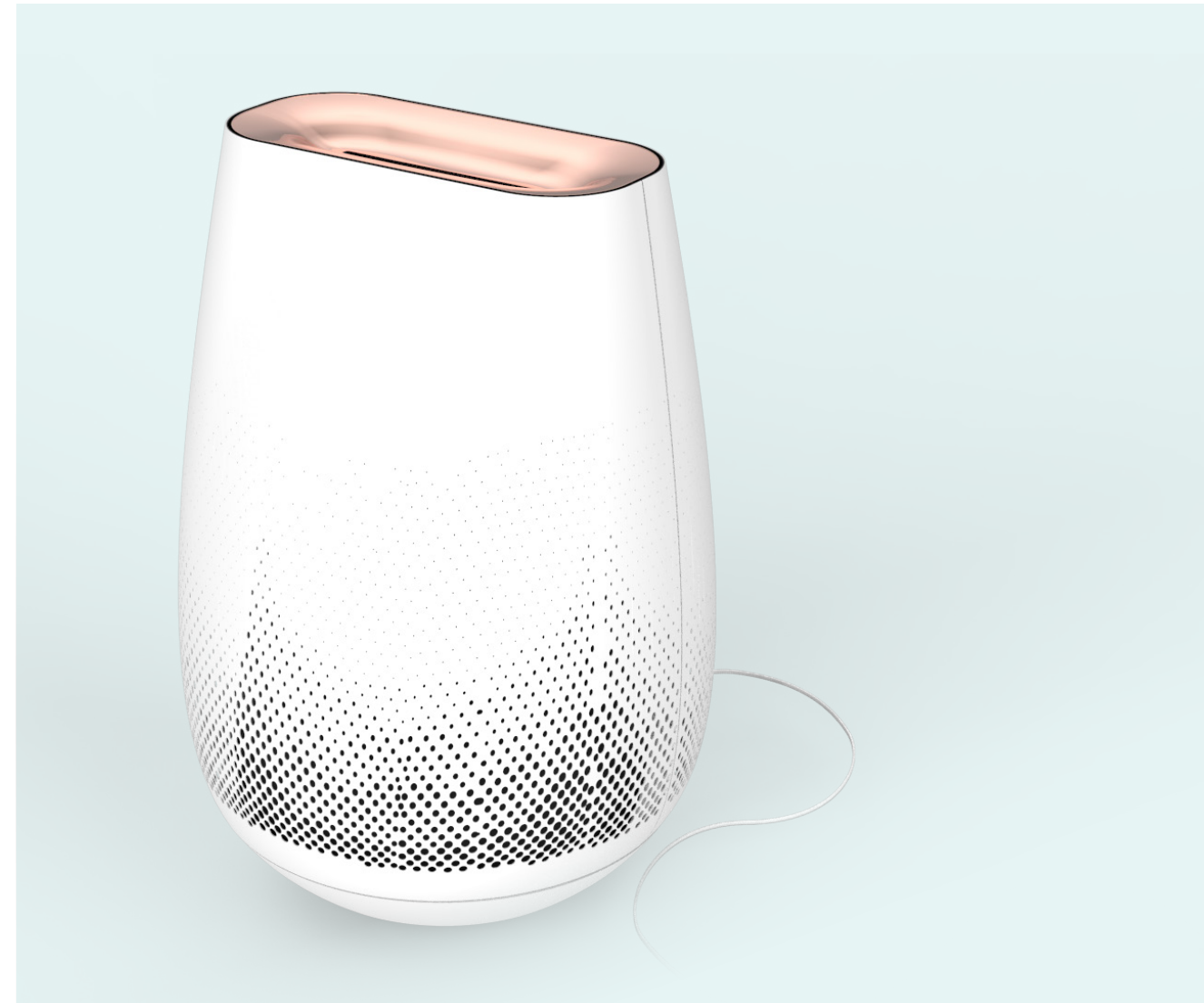
Air Conditioner

DESIGN BRIEF

Nowadays, when we are fighting covid-19, the cleanliness of the air has become more and more important. In this ongoing disease, our working area has become our homes and the use of air purifiers to clean the air in our homes has become widespread. The design of the shell and internal mechanisms of the air purifier that we will use in our homes.

CONCEPT

The air cleaning fan ensures the air quality of the environment by filtering air molecules. In addition to air filtration, it also offers the possibility of blowing cold and hot air. The size of the pores in the housing design of the ventilation device reduces upwards along the air filter. These visually gradient pores provide a strong grip thanks to silicone feet to prevent slipping on the floor. HEPA filter provides healthier air. In addition to the HEPA filter, the fan also contains an activated carbon filter. With the ioniser feature, odours in the air are removed.



FILTERS FOR AIR CONDITIONER

IFD ELECTROSTATIC TECHNOLOGY

The filter can be cleaned with a vacuum cleaner without the need to discard the filter. Metal is porous and can be easily cleaned.

HEPA FILTER

The most preferred type of filter indoors is the HEPA filter. It has high efficiency filtration feature. It is formed by combining very fine fibre separators. It is 5cm thick and needs to be changed and cleaned regularly.

IONIZER

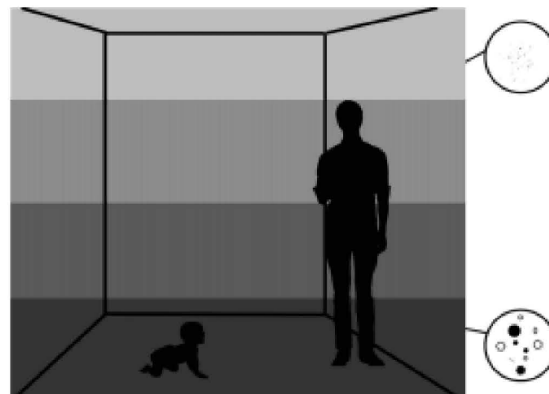
An ionizer is a device that allows air to pass through and generates positive and negative oxygen ions. In nature, this process occurs under the influence of the sun or during a thunderstorm. In a city apartment, where we do not ventilate so often, the concentration of ions is 15-20 times lower than natural indicators.

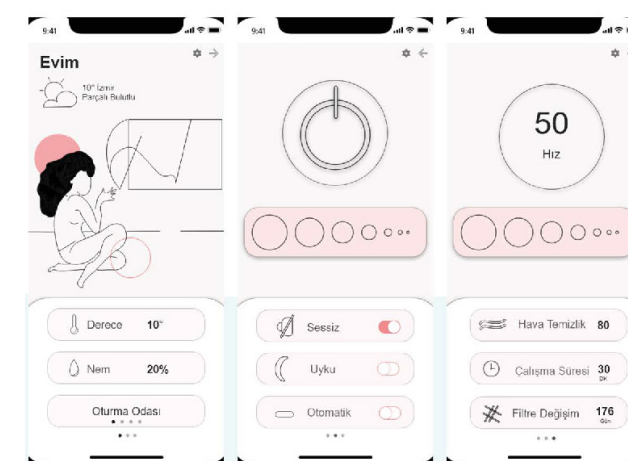
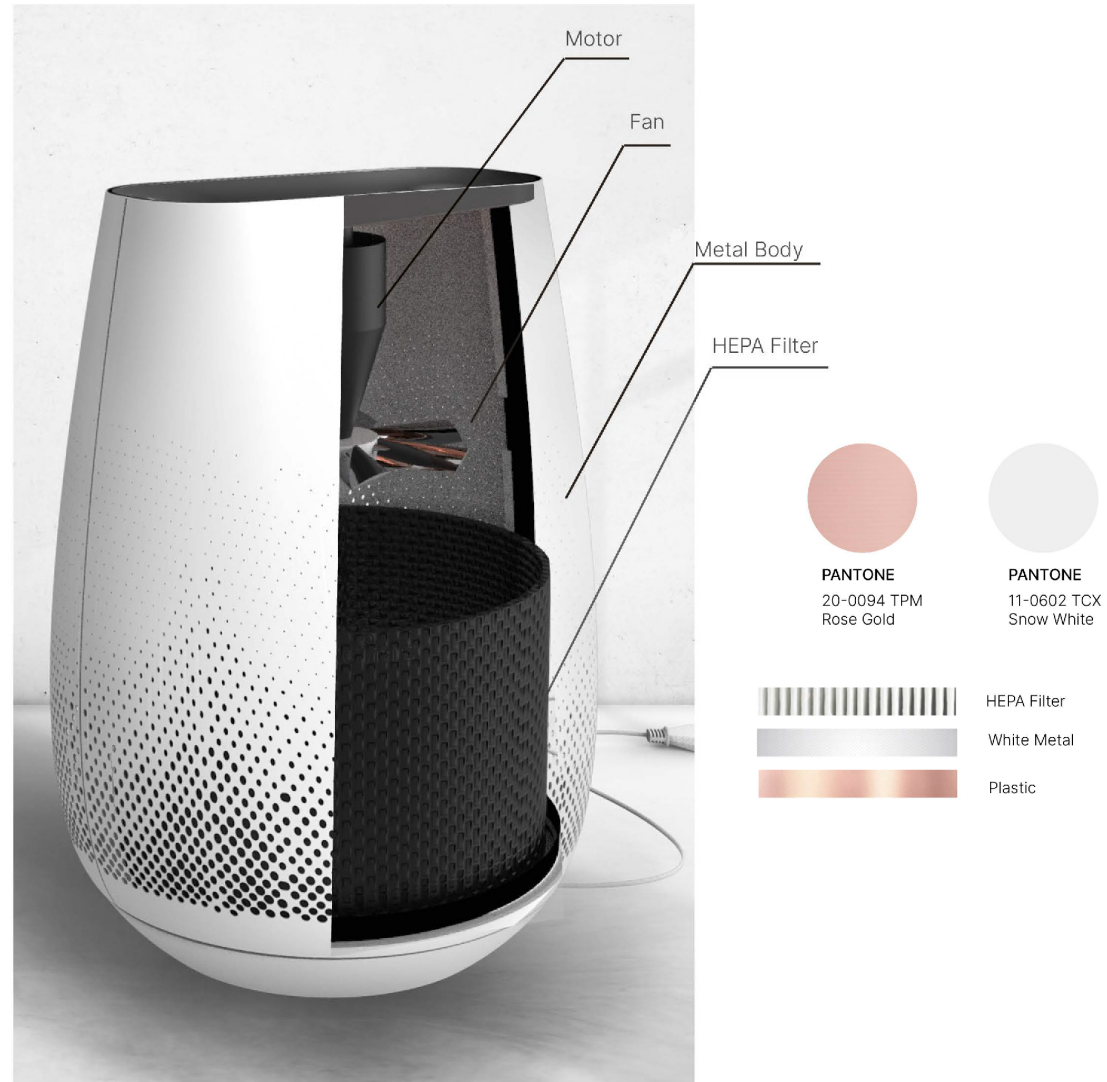
ACTIVATED CARBON FILTERS

Retains gases and small particles. Often used in combination with a HEPA filter, the activated carbon filter removes odours and VOCs.

FEATURES FOR AN ESSENTIAL AIR CONDITIONER

- Should be able to handle PM2.5 well
- Range and area of use
- How long it takes to fully monitor the air in the room
- Noise level
- Size and efficient use of space
- Design
- Price and sales criteria
- Sustainable product






APPLICATION

The air measured by the ventilation unit can be seen instantly in the app. Humidity, temperature and air quality are also measured by the ventilation device and the operating time can be adjusted remotely when you are not at home. The operating speed of the ventilation device can also be easily adjusted by swiping from the application. Sleep mode, silent operation and automatic timing features are also available.



 ANDO // 2021

Lamborghini Hair Dryer

DESIGN BRIEF

Hair and skin care product design using the design line of the Lamborghini car.

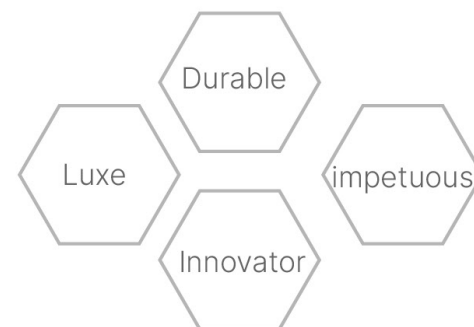
CONCEPT

While Lamborghini's exterior hard lines and brand identity were designed, Lamborghini's iconic rear tread structure and Y textures were used. A conceptual hair dryer was designed with a handle design that provides ergonomic grip with power and temperature adjustment.

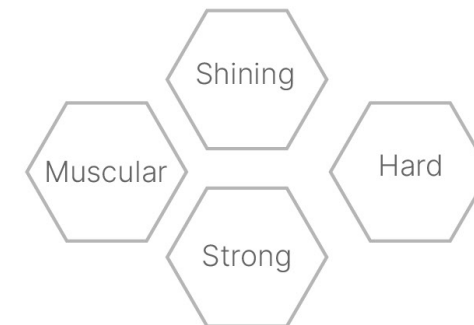
PERSONALITY



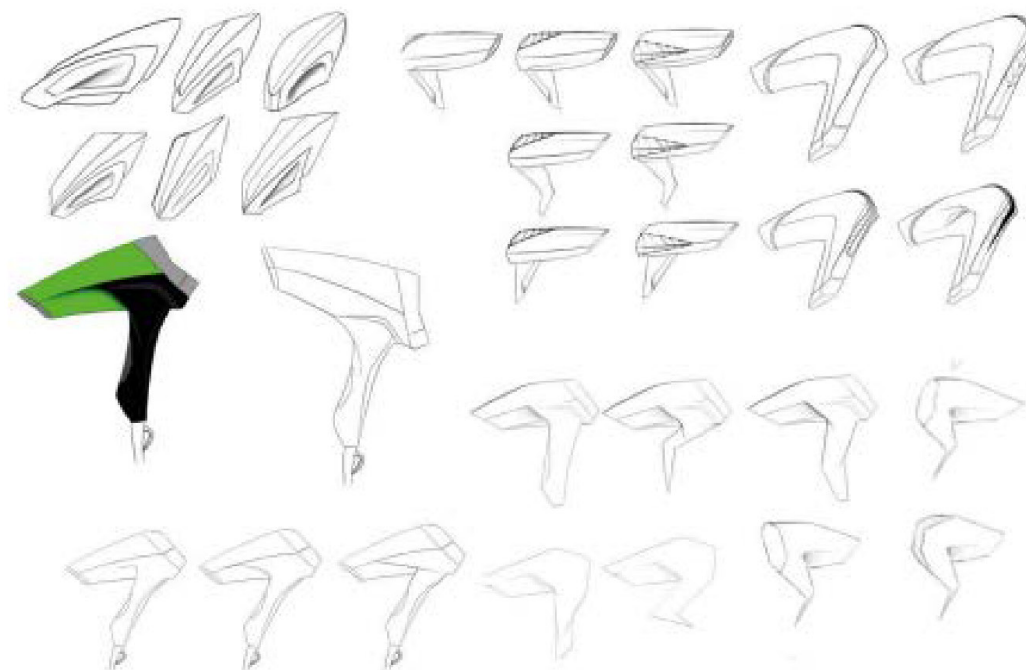
IMAGE



STRUCTURE



IMPACT



Lamborghini Design Line Studying

Front hood line is similar on models

The front hood is more ground than the part and comes out in the form of a straight triangle up the front

Outline is clean, side view is clean

The area is slantingly defined between the headlight lines

Rear bumper clearance

Flatness

Stable transitions and fluid angles

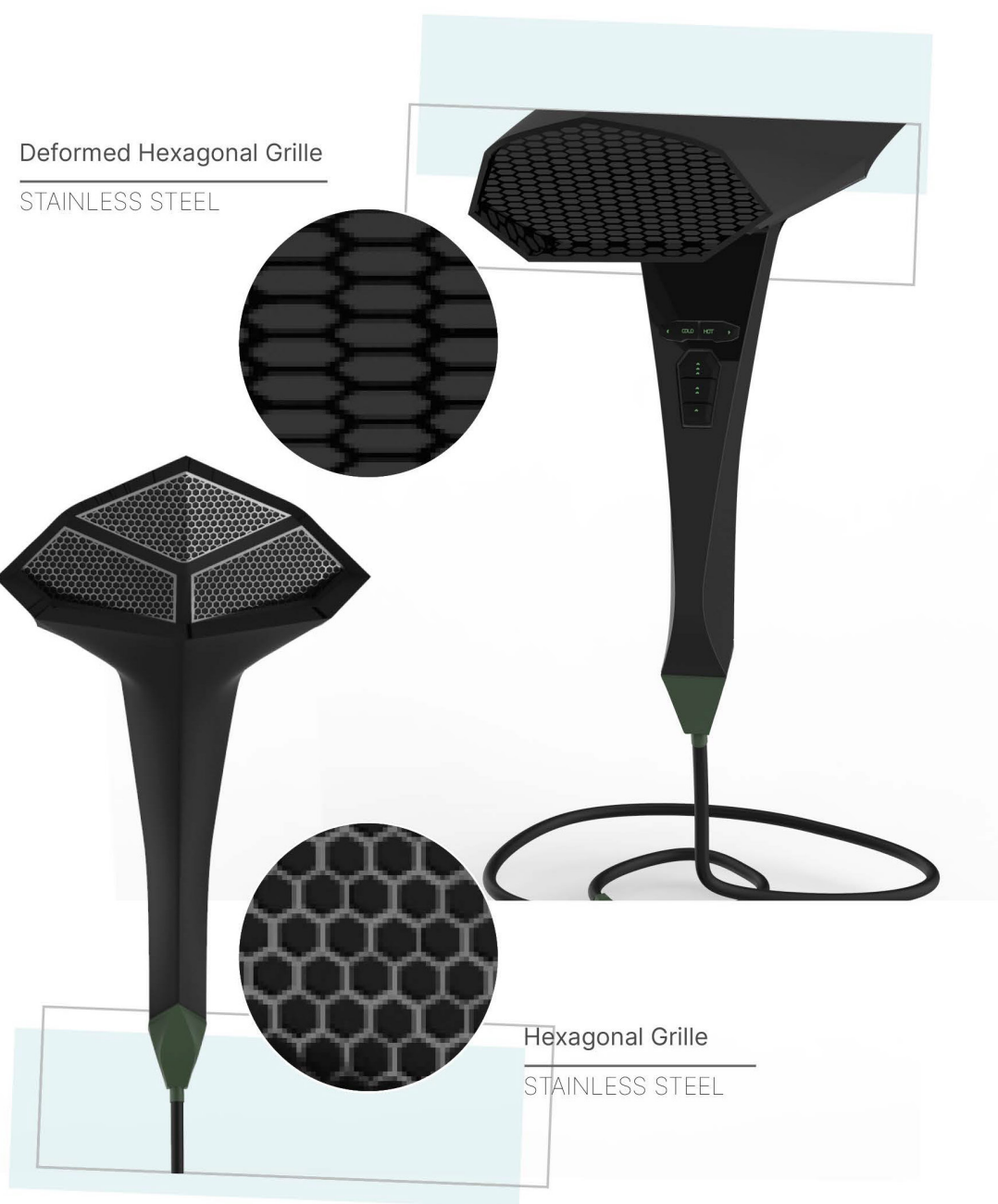
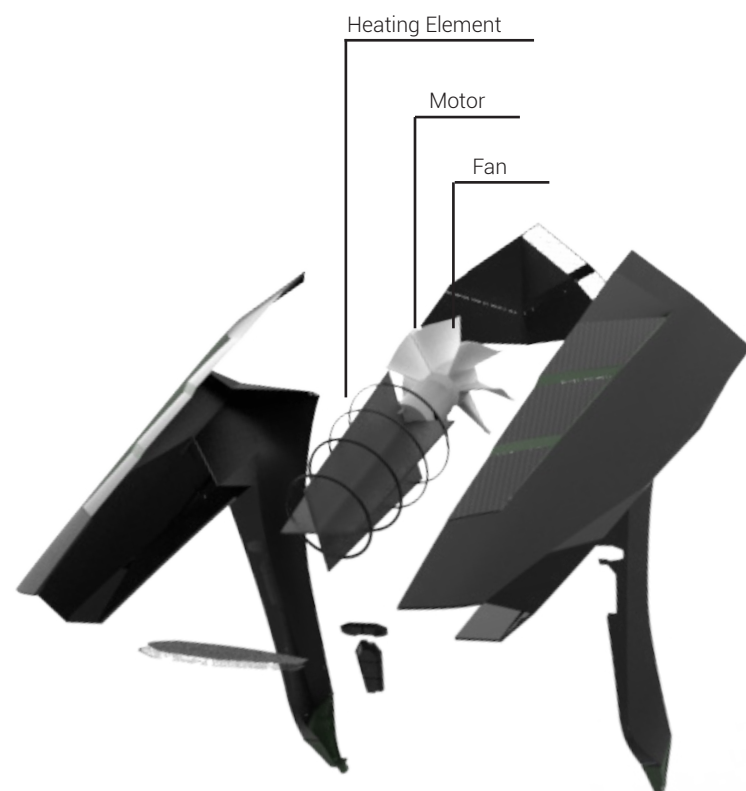
Angled surfaces

The lines follow each other

Air gap on the side

Broken surface on the front hood

Determining a clean area and moving into



Press the option you want for the warm-cold setting.

Select the air speed setting.

It will start working. You can check the speed and setting of the lights.





BABIESY // 2020

Baby Food Maker

CONCEPT

It is a product designed for parents who want to spend more time with their babies, who like to be practical, who prefer to buy a single product instead of wanting to pay for more than one product. It is an electric small kitchen appliance that has a cooking bowl and does not produce much dishes, minimises space occupation, and fulfils many functions in a very short time. There are three different apparatus: steam cooking apparatus, blender knife apparatus and flat bowl cover for storage as a storage container. In the machine, you can cook your vegetables in the steam and blend them by turning them in the same machine and then your food will be ready very easily with the bowl.

ZERO // 2022

CocaCola Zero Concept Cooler

CONCEPT

Conceptual cooler design with CocaCola Zero. CocaCola Zero's tough and masculine appearance decorated with triangles formed by matt, glossy and openings is used. Matte black colour was used in the colour coding, white for linear details and red lighting was used for moving details. Where red LED is used, guidance is created for the hand holding part.





