



AUTOMOTIVEDESIGN**PORTFOLIO**





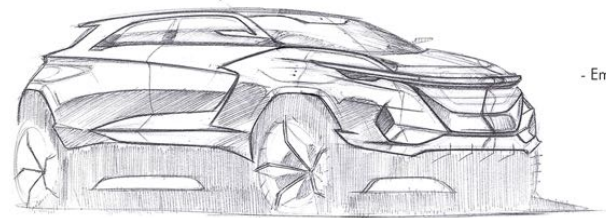
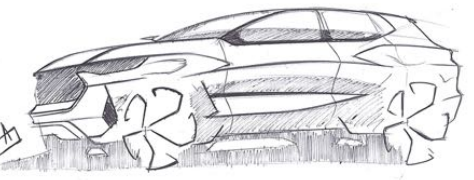
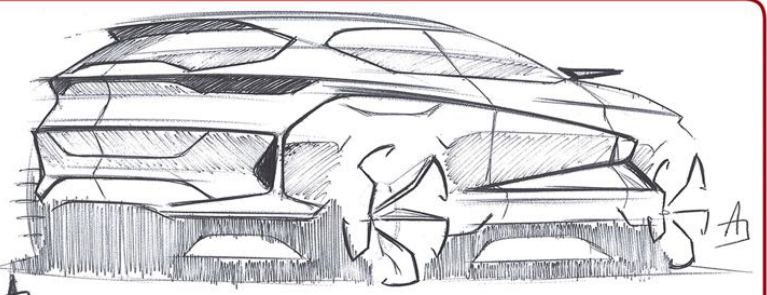
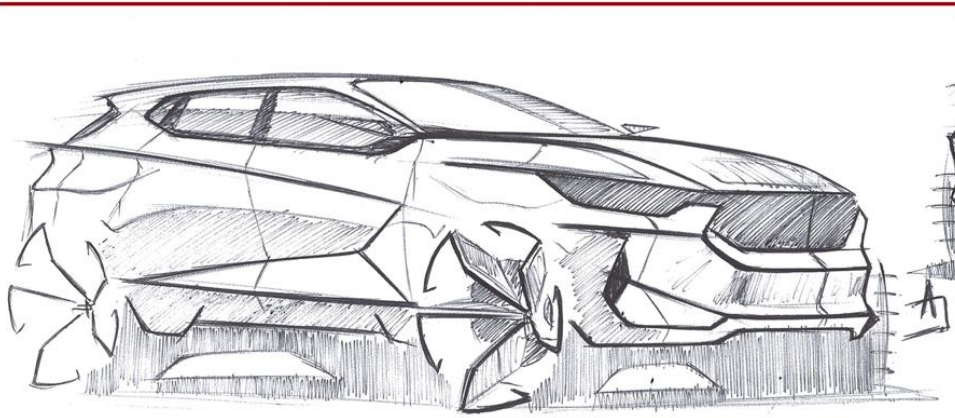
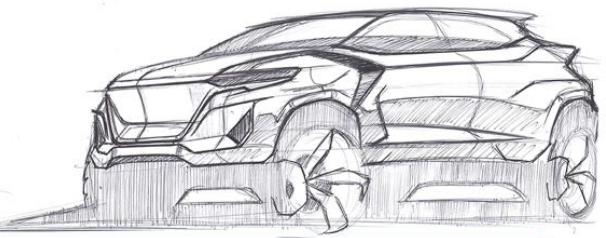
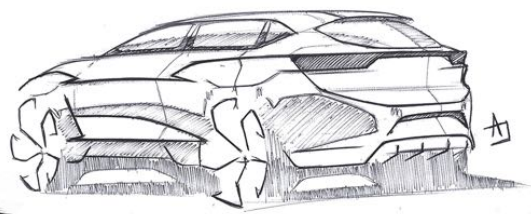
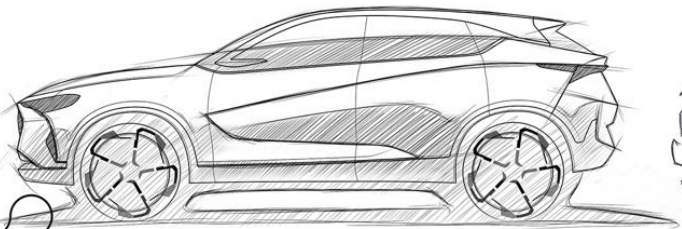
WEY
VV7

BRIEF | DESIGN THE NEXT GENERATION VV7
WEY BRAND FOCUSED



KEY SKETCHES

EXTERIOR



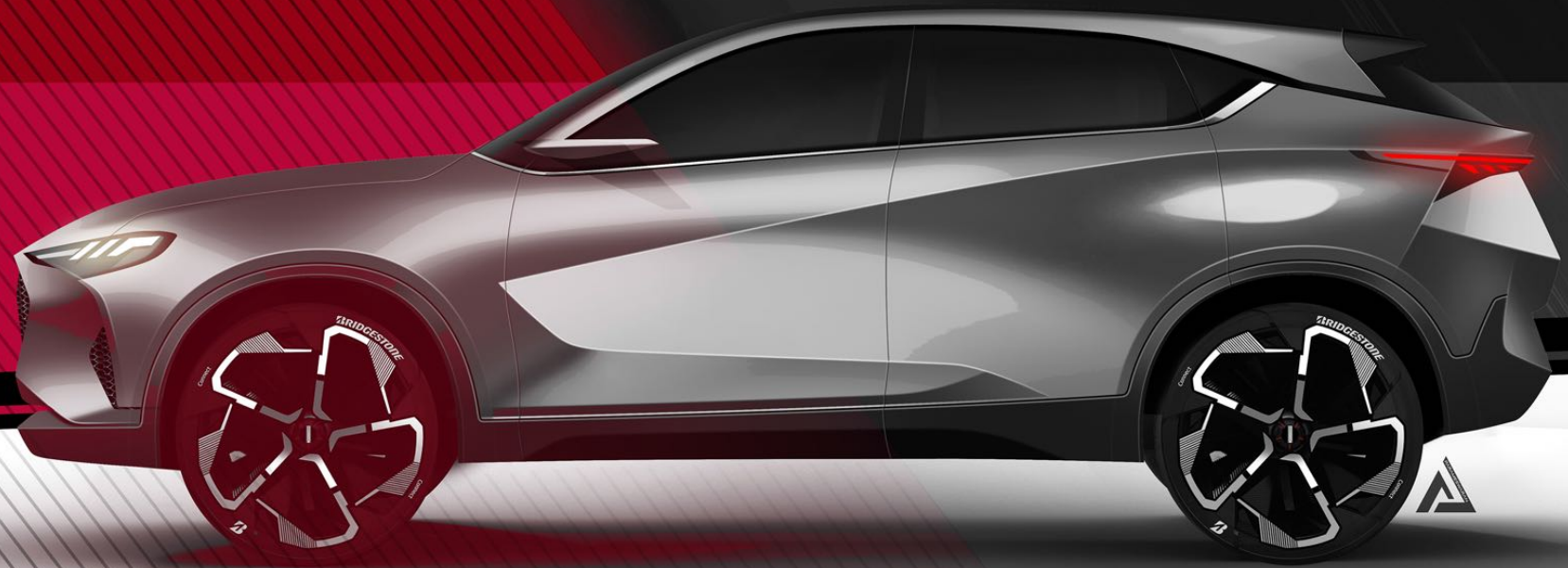
DESIGN CRITERIA

Next Generation VV7 by WEY

- Emotional body surfacing with strong character lines - Light and Shadow define the shape.
- Weight optimisation in terms of design.
- Strong visual connection to WEY X & S concept cars.

An emotional vehicle dynamic in proportion and surfacing.

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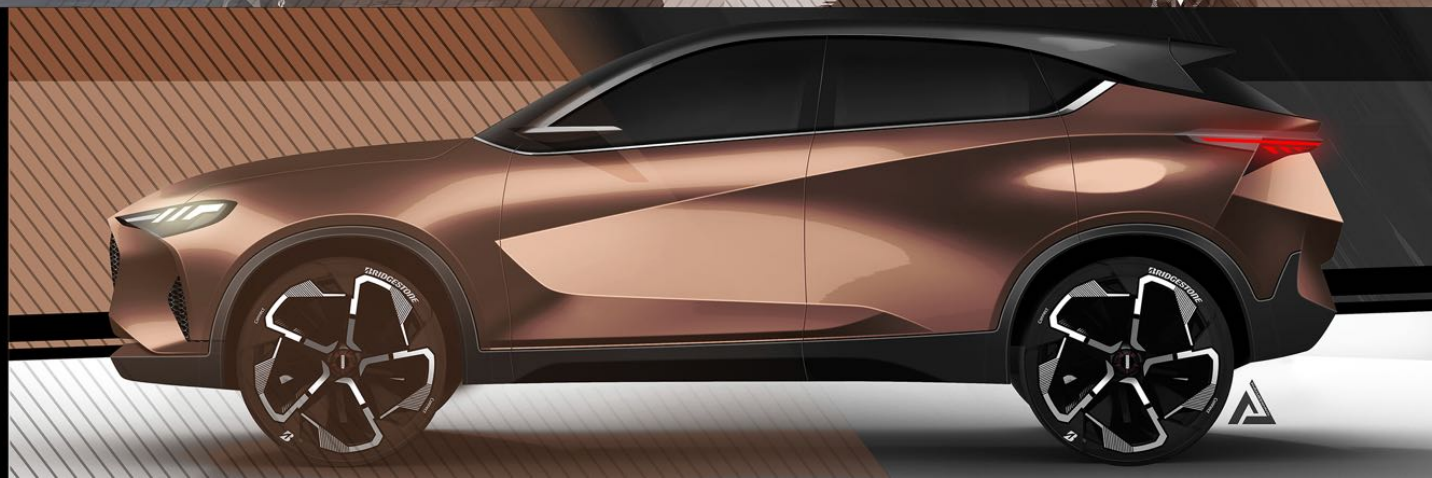


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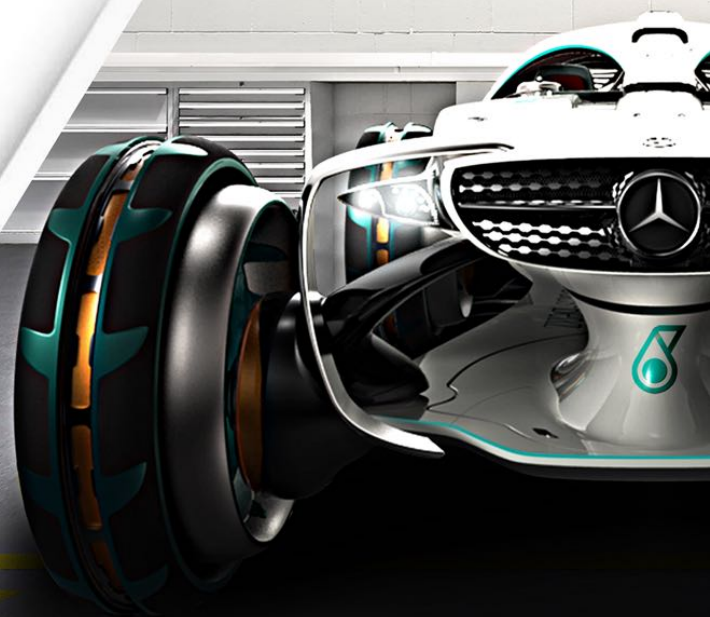


MERCEDES
PETRONAS



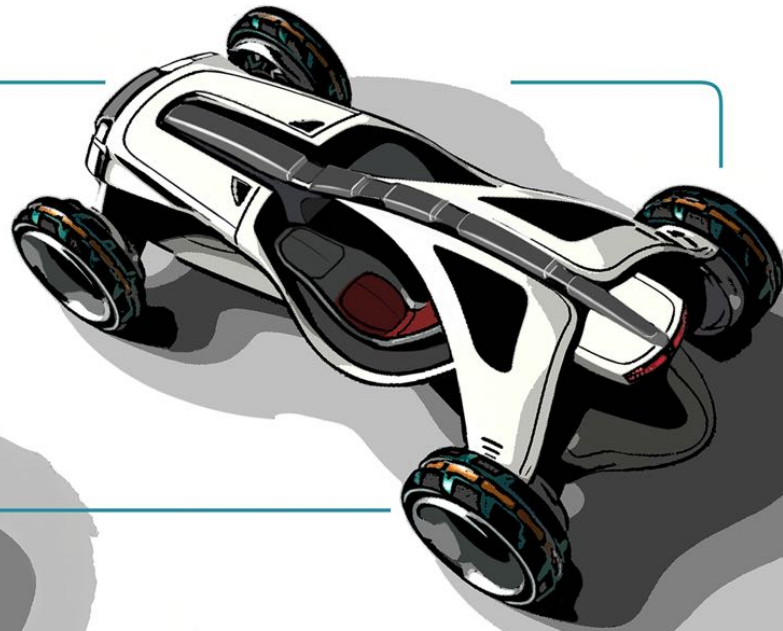
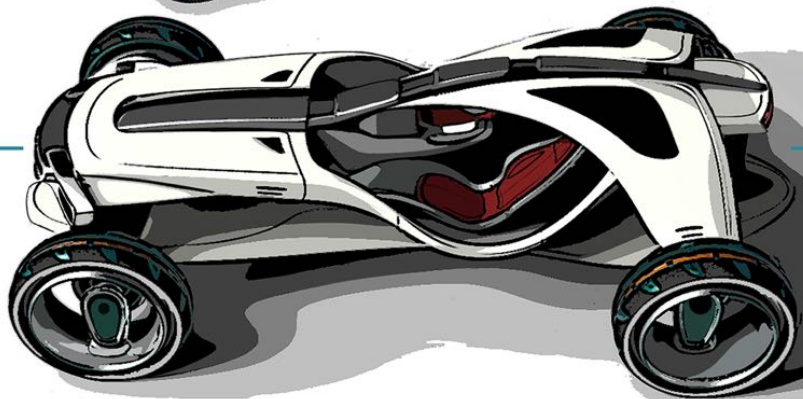
MERCEDES BENZ AEROFLOW

BRIEF | DEVELOP A NEW VEHICLE ARCHITECTURE AND DRIVING EXPERIENCE
MERCEDES BENZ CLASSIC CARS FOCUSED



KEY DESIGN

EXTERIOR + INTERIOR



DESIGN CRITERIA

- A spiritual successor to the iconic SL series
- A new era of Open-Top Roadsters - Inspired by Air Flow
- An all-new vehicle Architecture + Driving experience
- Powered by Electro-Magnetic propulsion (EMP)

Create an evolution to motoring with respect to ecological values

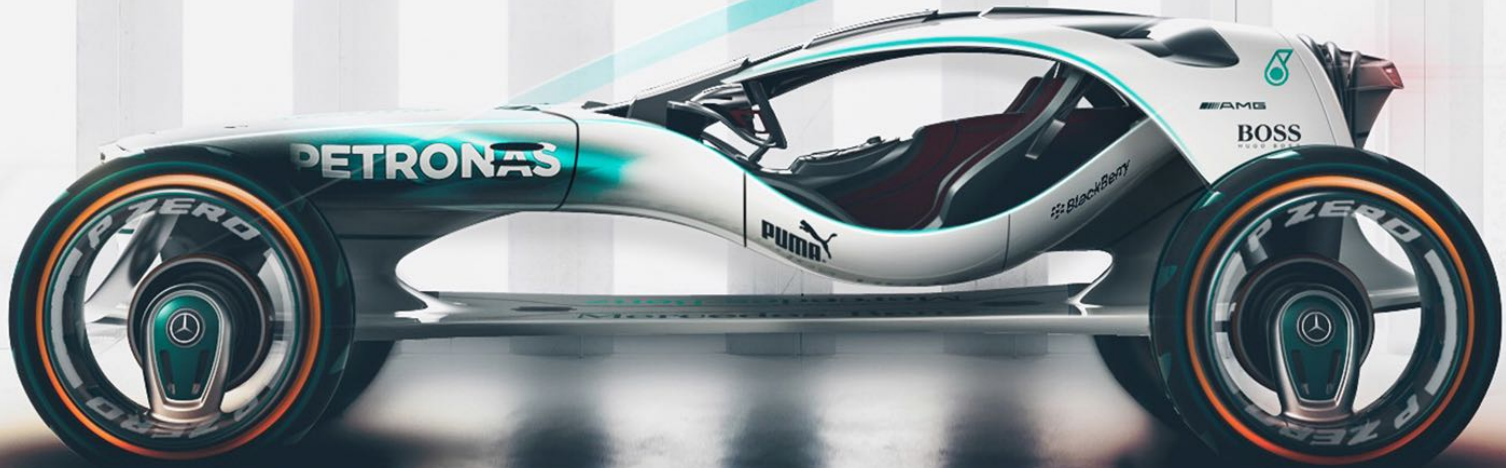
DESIGN CRITERIA

Restrictions to carbon dioxide emission (0g/km of CO₂ per vehicle)

- Discussion on **new vehicle architecture** and mobility
- **Weight optimisation** in terms of design
- **Size Reduction**

Create an evolution to motoring according to ecological values.

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DESIGN SPECIFICATIONS

TECHNICAL

MERITS OF EMP

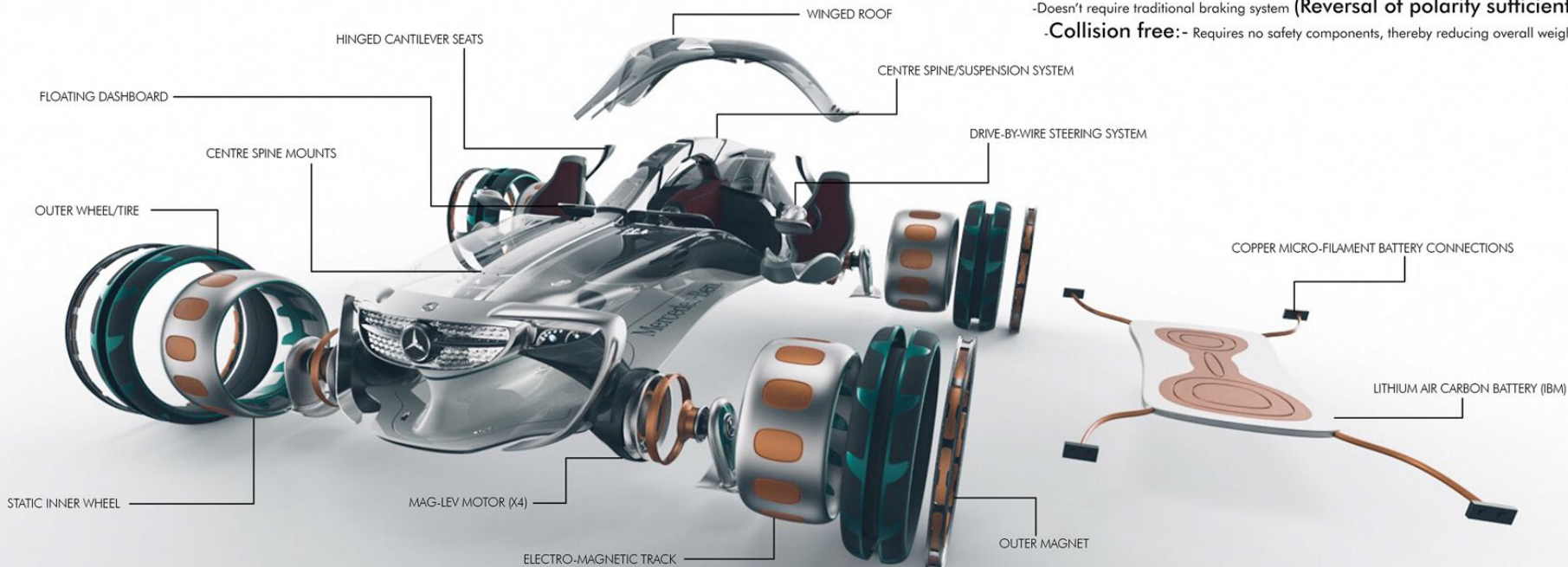
-Zero maintenance

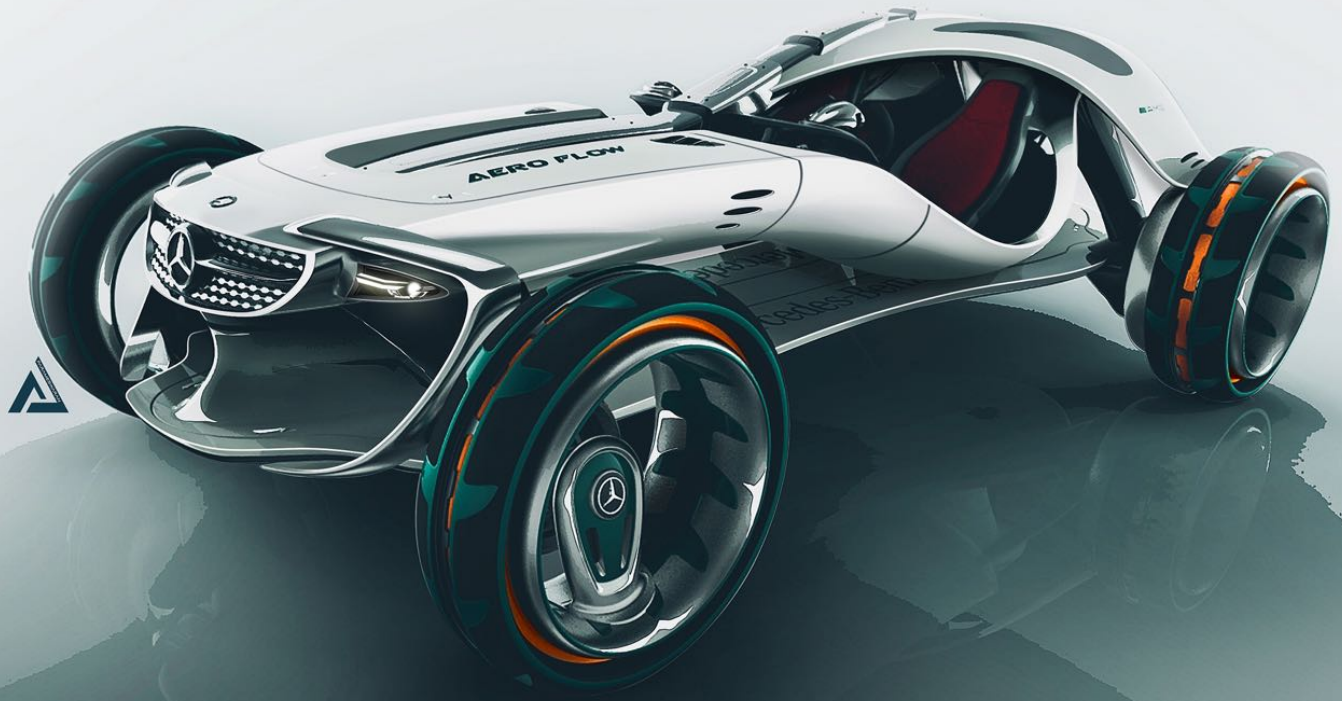
-Zero friction in propulsion system (only air resistance)

-Limitless speed potential

-Doesn't require traditional braking system (Reversal of polarity sufficient)

-Collision free:- Requires no safety components, thereby reducing overall weight









AMG
PETRONAS
FORMULA ONE™ TEAM

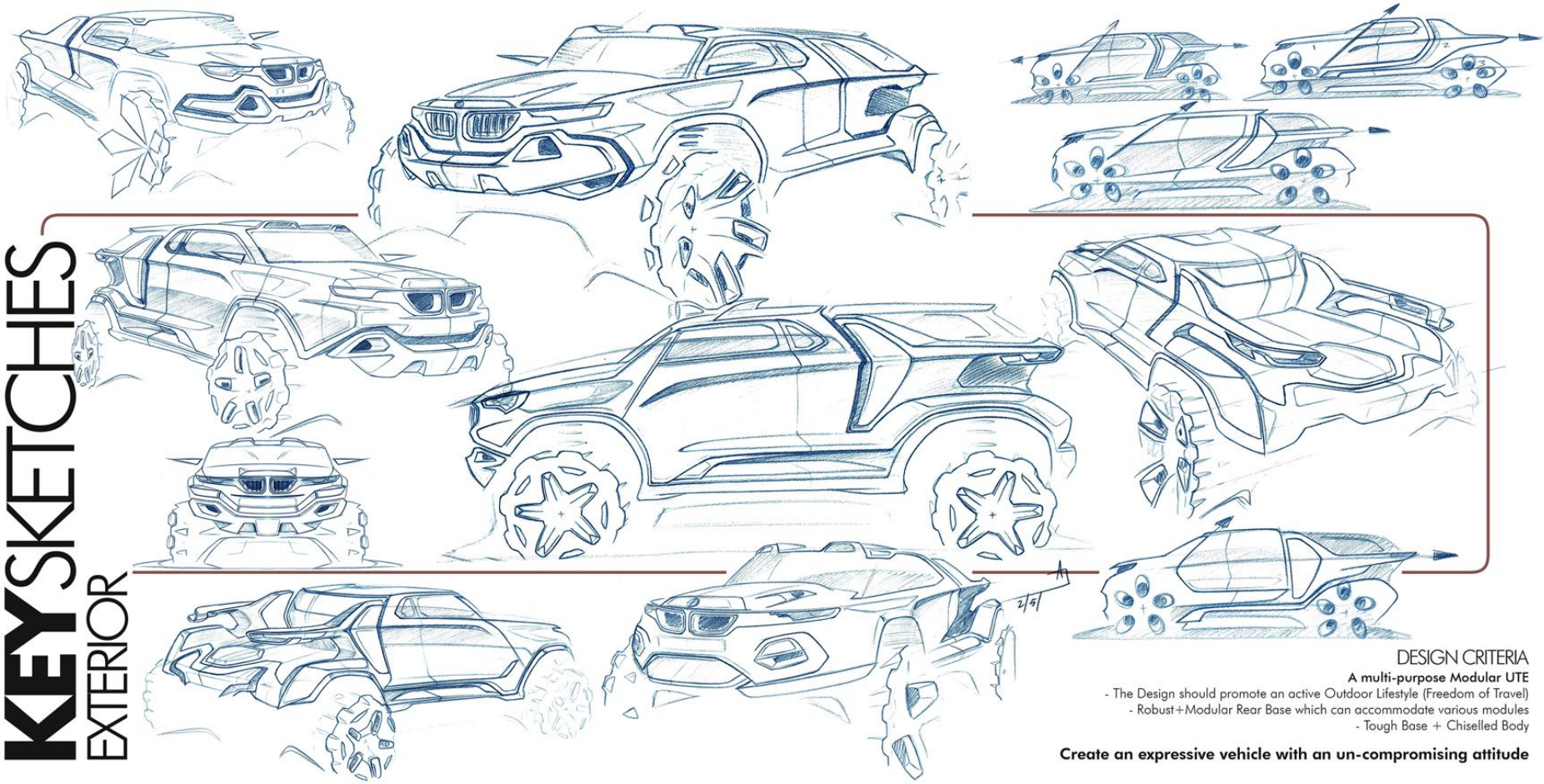
x-ACTIVE^{BMW}

BRIEF | DESIGN A MODULAR EXTREME ENVIRONMENT VEHICLE FOR BMW
ROBUST+MULTI PURPOSE DESIGN FOCUSED



KEYSKETCHES

EXTERIOR



DESIGN CRITERIA

A multi-purpose Modular UTE

- The Design should promote an active Outdoor Lifestyle (Freedom of Travel)
- Robust+Modular Rear Base which can accommodate various modules
- Tough Base + Chiselled Body

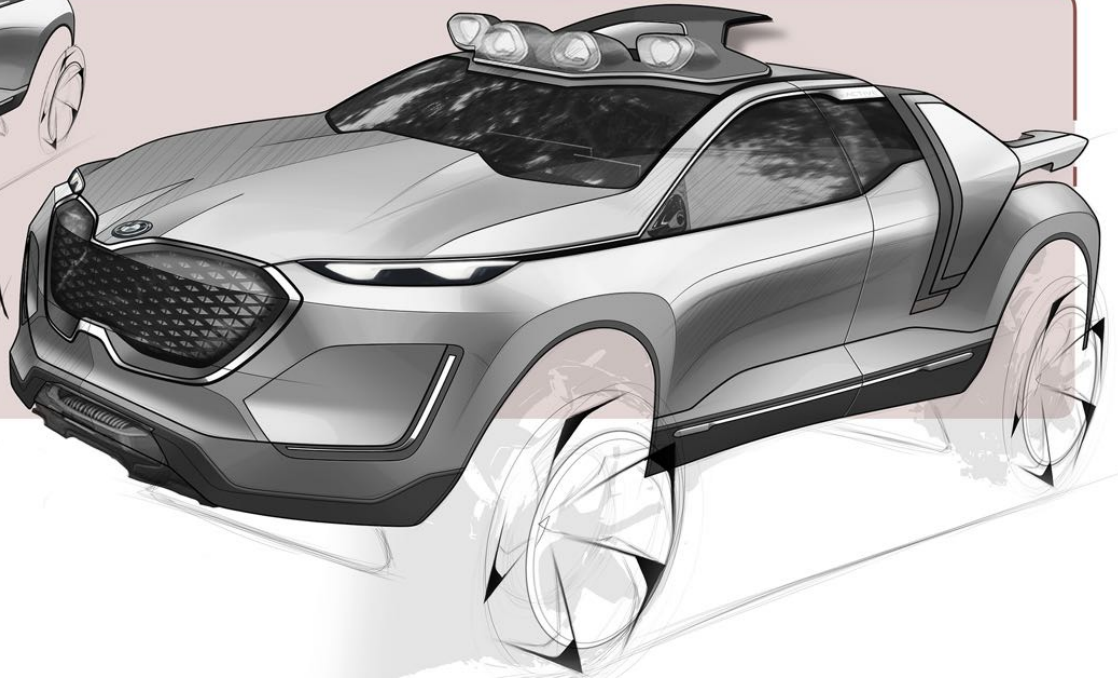
Create an expressive vehicle with an un-compromising attitude

DESIGN GOAL

A multi-purpose Modular UTE.

- New **Modular-Pickup Architecture** with a unique rear structure.
- **Mid-Sized** pickup developed for Adventure Seekers
- **Tough + Chiseled** design language.

Create an expressive vehicle with an un-compromising attitude.



KEY SKETCHES

FINAL DIRECTION

KEY SCENARIOS

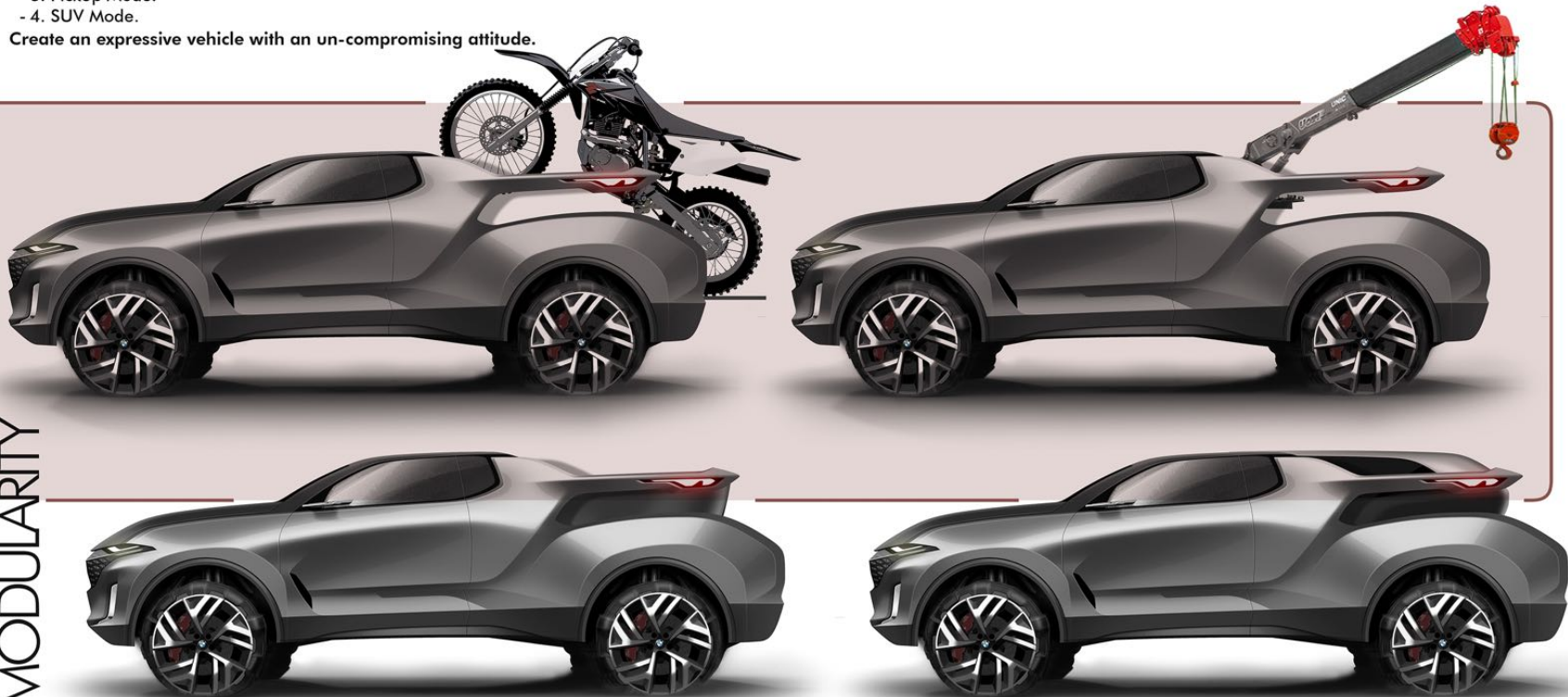
MODULARITY

DESIGN GOAL

A multi-purpose Modular UTE.

- Robust+Modular Rear Base which can accommodate various modules
- 1. Modified Load Bed to carry a Bike.
- 2. Heavy Duty Base to support a Mini Crane.
- 3. Pickup Mode.
- 4. SUV Mode.

Create an expressive vehicle with an un-compromising attitude.









COCOON TESLA

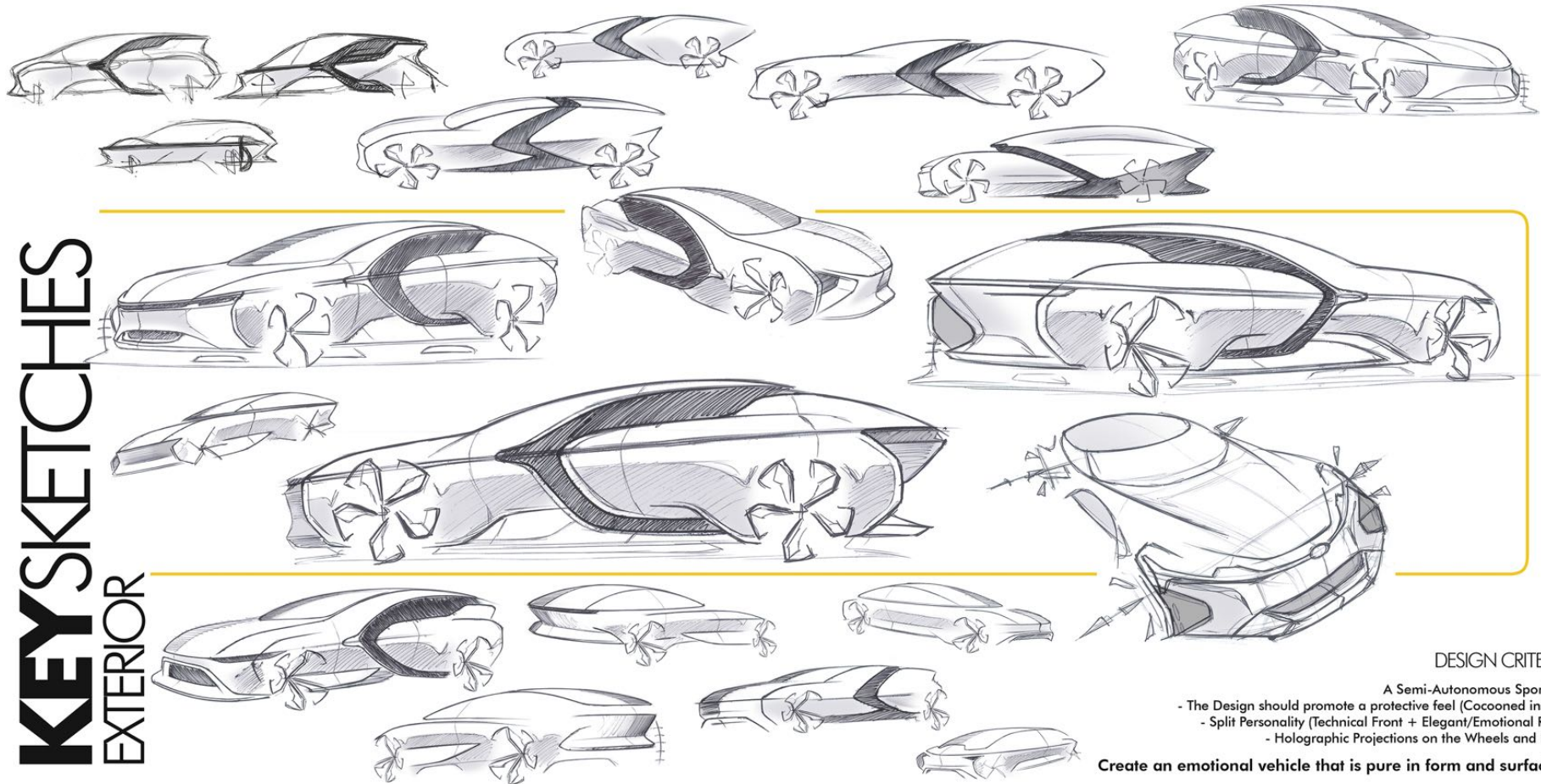
BRIEF | HOW TO PROMOTE CONFIDENCE AND ACCEPTABILITY OF AUTONOMOUS CARS?
FUTURE OF MOBILITY



HIBERN

KEYSKETCHES

EXTERIOR

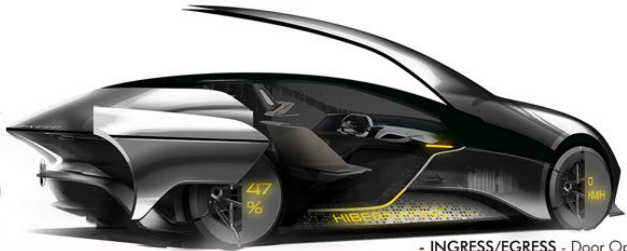


DESIGN CRITERIA

- A Semi-Autonomous Sport GT
- The Design should promote a protective feel (Cocooned inside)
- Split Personality (Technical Front + Elegant/Emotional Rear)
- Holographic Projections on the Wheels and Base

Create an emotional vehicle that is pure in form and surfacing

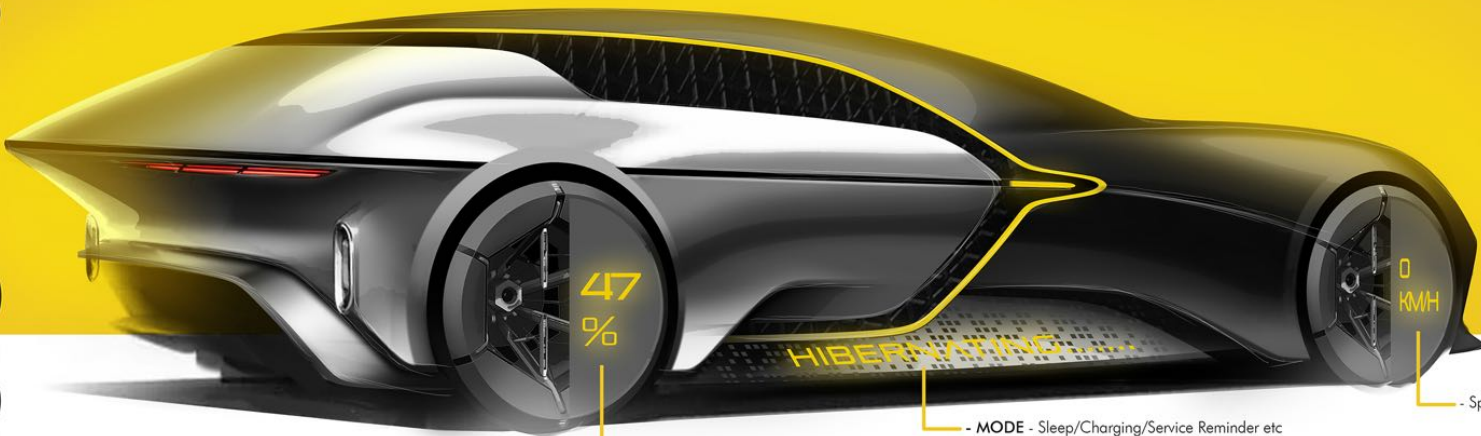
DESIGN EXPLORATION



- INGRESS/EGRESS - Door Opening Mechanism



- WINDSHIELD - Shifting DLO - Semi Transparent



47 %

- Battery Charge Indication

HIBERNATING.....

- MODE - Sleep/Charging/Service Reminder etc

0 KMH

- Speedometer

DESIGN FEATURES

HOLOGRAPHIC PROJECTIONS ON WHEELS HUBS + BASE

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T E L



HIBERNATING.....





HELIX

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HIBERNATING



MAZDA CX-ZERO

BRIEF | DESIGN A PURE SPORTS-SUV COUPE FOR MAZDA
KODO DESIGN FOCUSED



KEYSKETCHES

EXTERIOR



DESIGN CRITERIA

Electric All-wheel-drive Sports SUV Coupe

- Emotional body surfacing with minimal lines - Light and Shadow define the shape
- Weight optimisation in terms of design
- Strong visual connection to the Mazda Vision coupe concept car

Create an emotional vehicle that is pure in form and surfacing

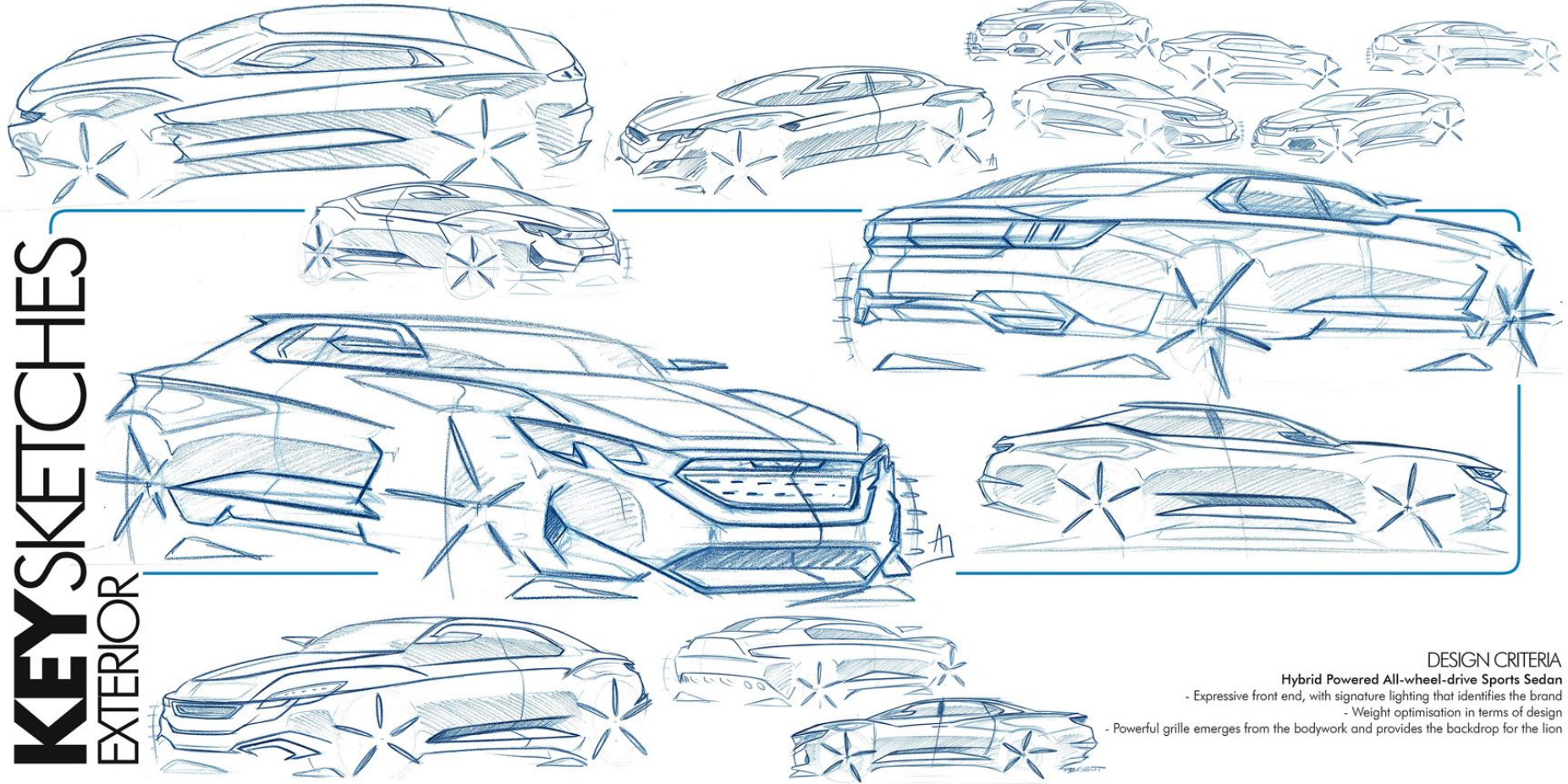
PEUGEOT
609

BRIEF | DESIGN A PREMIUM SPORTS-SEDAN FOR PEUGEOT
FRENCH ARCHITECTURE + FASHION INSPIRED



KEYSKETCHES

EXTERIOR



DESIGN CRITERIA

Hybrid Powered All-wheel-drive Sports Sedan

- Expressive front end, with signature lighting that identifies the brand
- Weight optimisation in terms of design
- Powerful grille emerges from the bodywork and provides the backdrop for the lion

TARGET & POSITIONING

THE SIGNIFICANCE OF 609 IN THE SPORT-SEDAN MARKET?

PREMIUM LUXURY

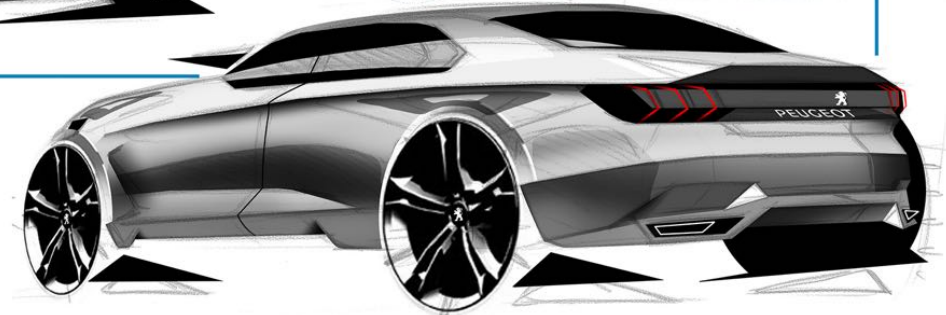
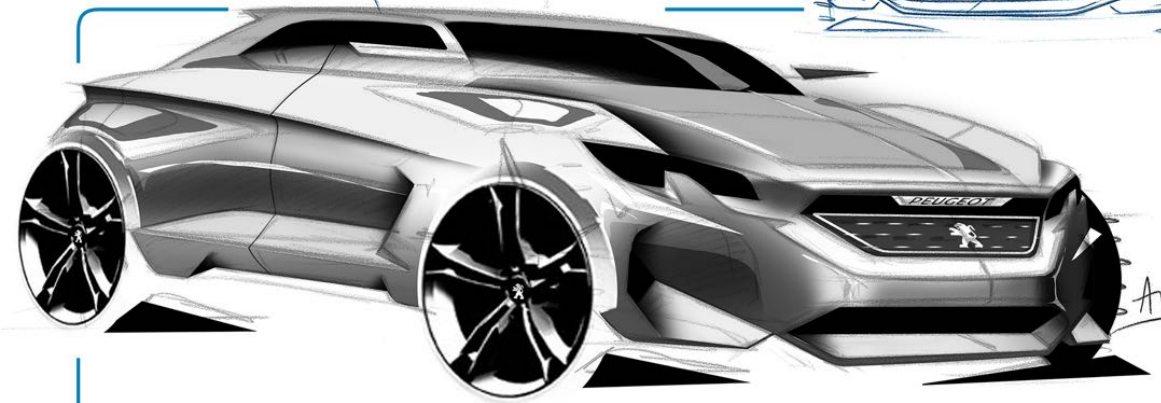
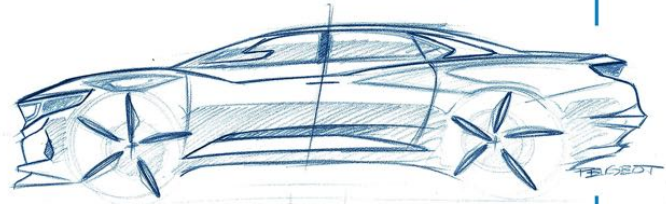
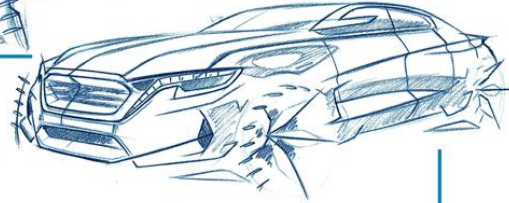
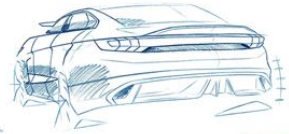
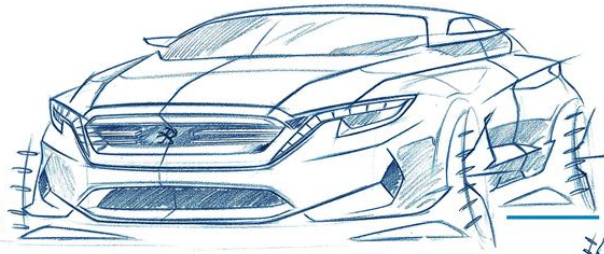
- The Peugeot 609 presents a sublime vision of a sport saloon.

SOPHISTICATED

- The Design is based on French Opulent Lifestyle.

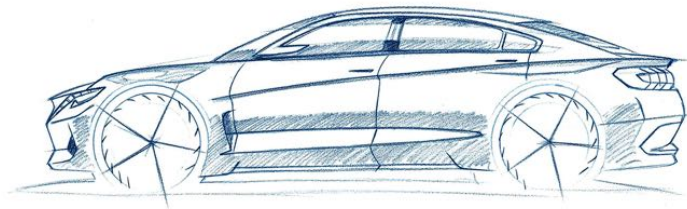
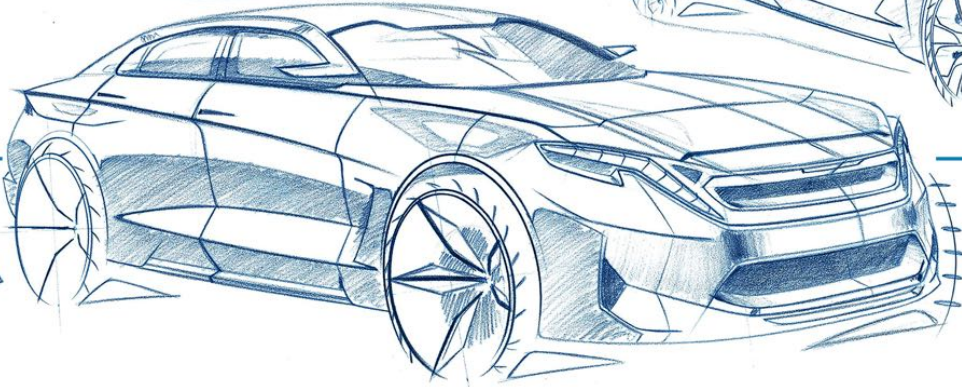
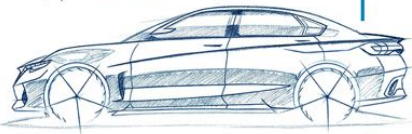
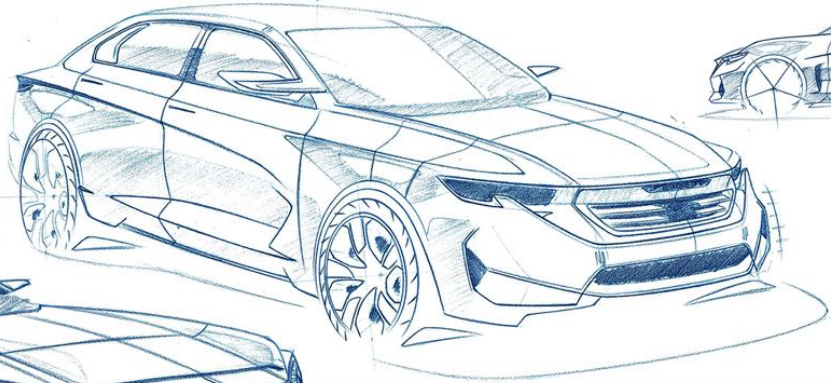
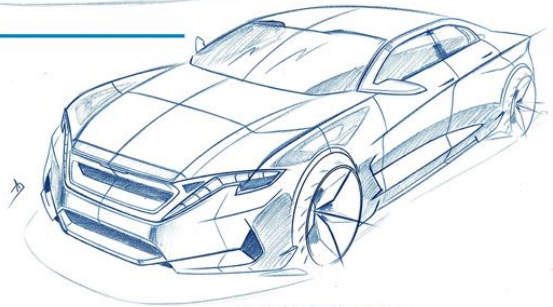
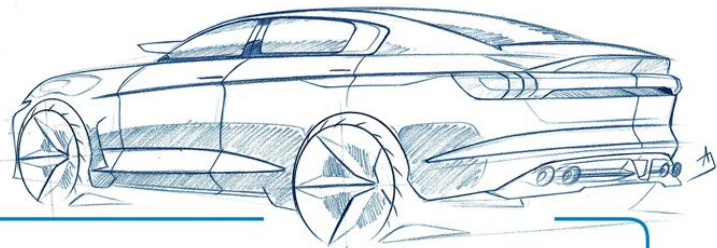
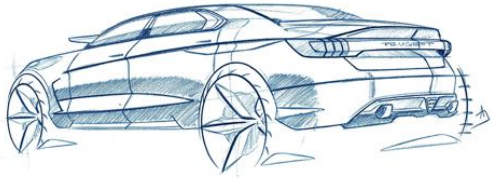
GRAN TOURER

- Urban Sports Sedan with GT Performance Potential.

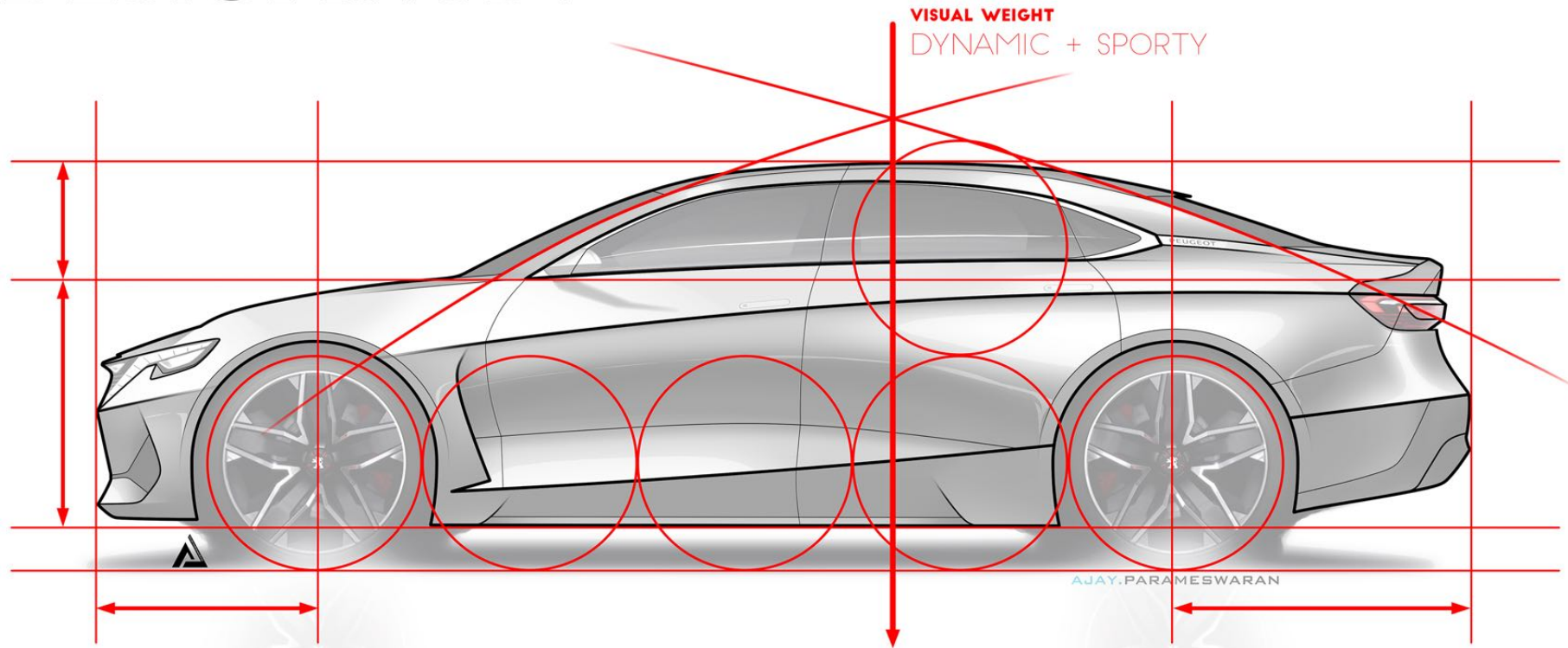


FINAL DIRECTION

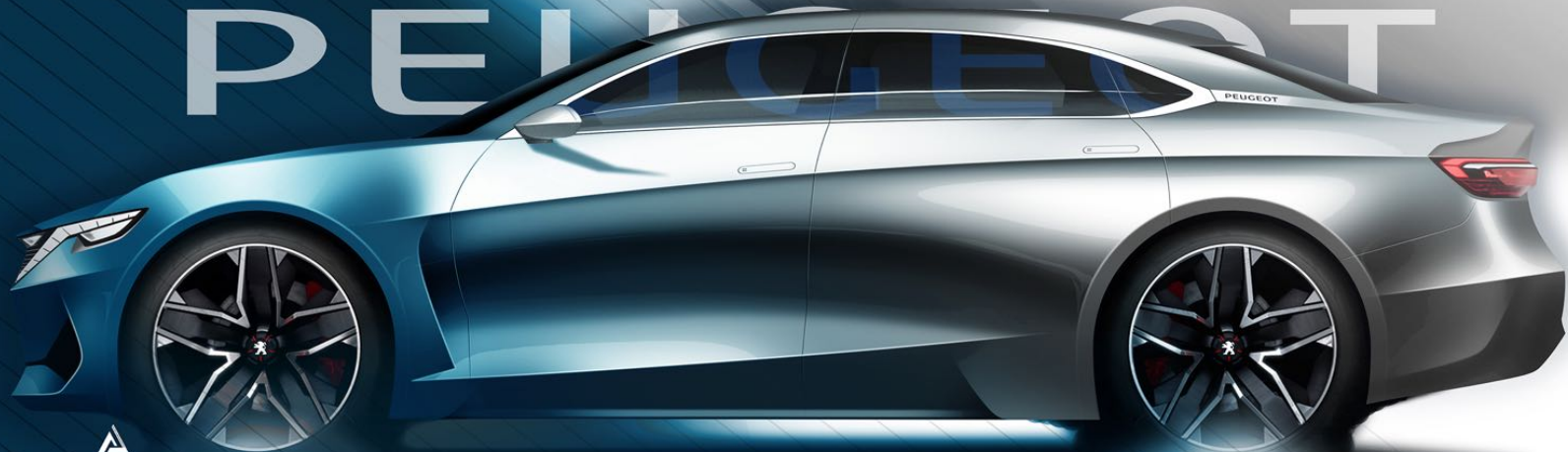
FINAL SKETCHES



DESIGN STUDY



PEUGEOT



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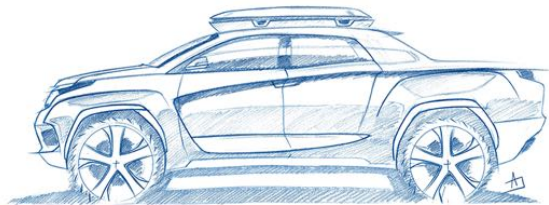
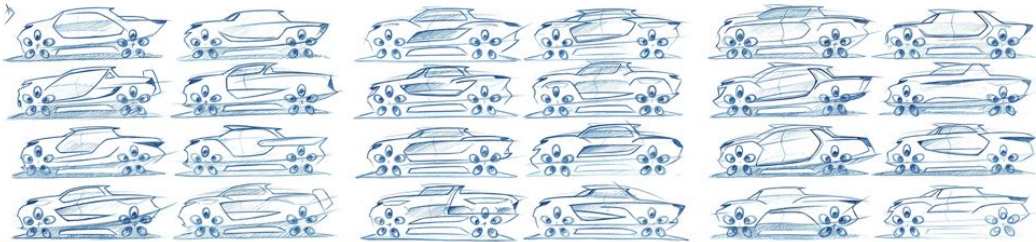
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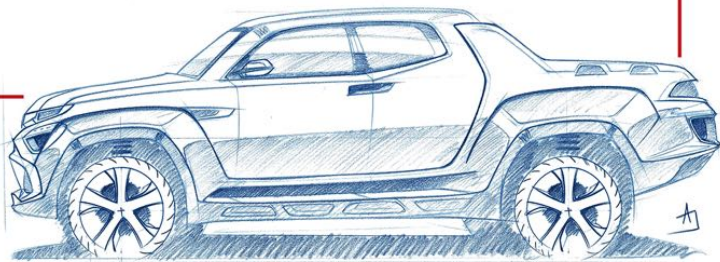
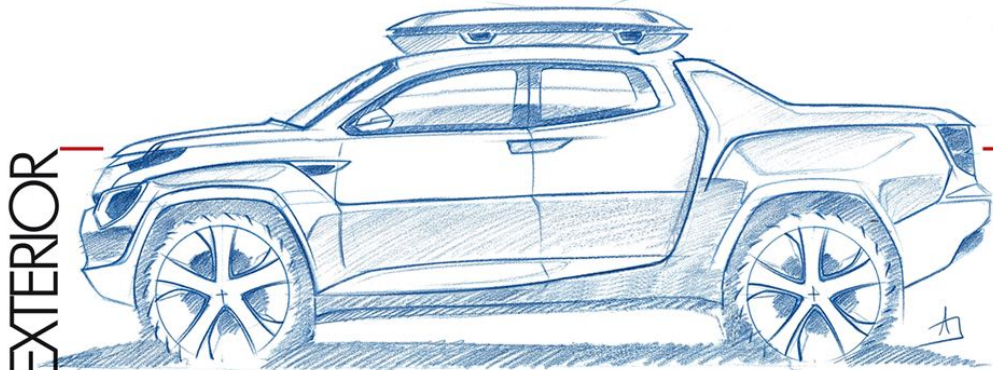
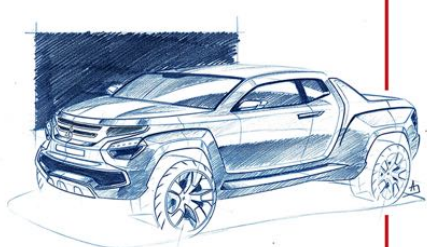
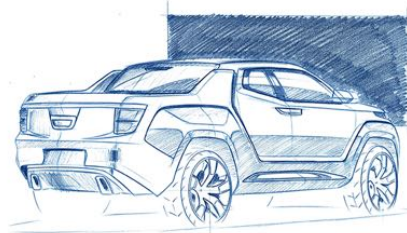
MITSUBISHI UTE

BRIEF | DESIGN A TRADITIONAL LADDER-ON-FRAME PICKUP FOR AUSTRALIA
CURRENT GENERATION MID-SIZED PICKUP FOCUSED





KEY SKETCHES



EXTERIOR

TARGET & POSITIONING

THE SIGNIFICANCE OF MITSUBISHI IN THE PICKUP MARKET?

MODERN + HIGH-TECH

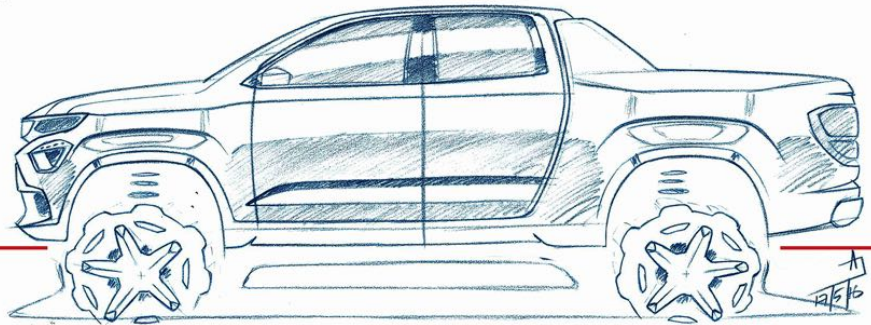
- Mitsubishi's image & rally heritage to be a USP

LADDER-FRAME CONSTRUCTION

- Tuned & set-up for serious heavy-duty + Rough terrain drives

LIFESTYLE VEHICLE

- Aspirational vehicle for outdoor wanderers



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DESIGN CRITERIA

- Traditional **Body-on-Frame** Pickup Architecture.
- **Mid-Sized** pickup developed for Asian + Australian markets.
- **Tough + Chiseled** design language.

The UTE is essentially the **TOUGH/OFF-ROAD** sibling of the future Triton.

FINAL SKETCH



RALLIART

WRANGLER

GOODYEAR

WRANGLER

GOODYEAR



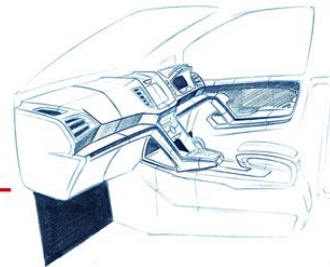
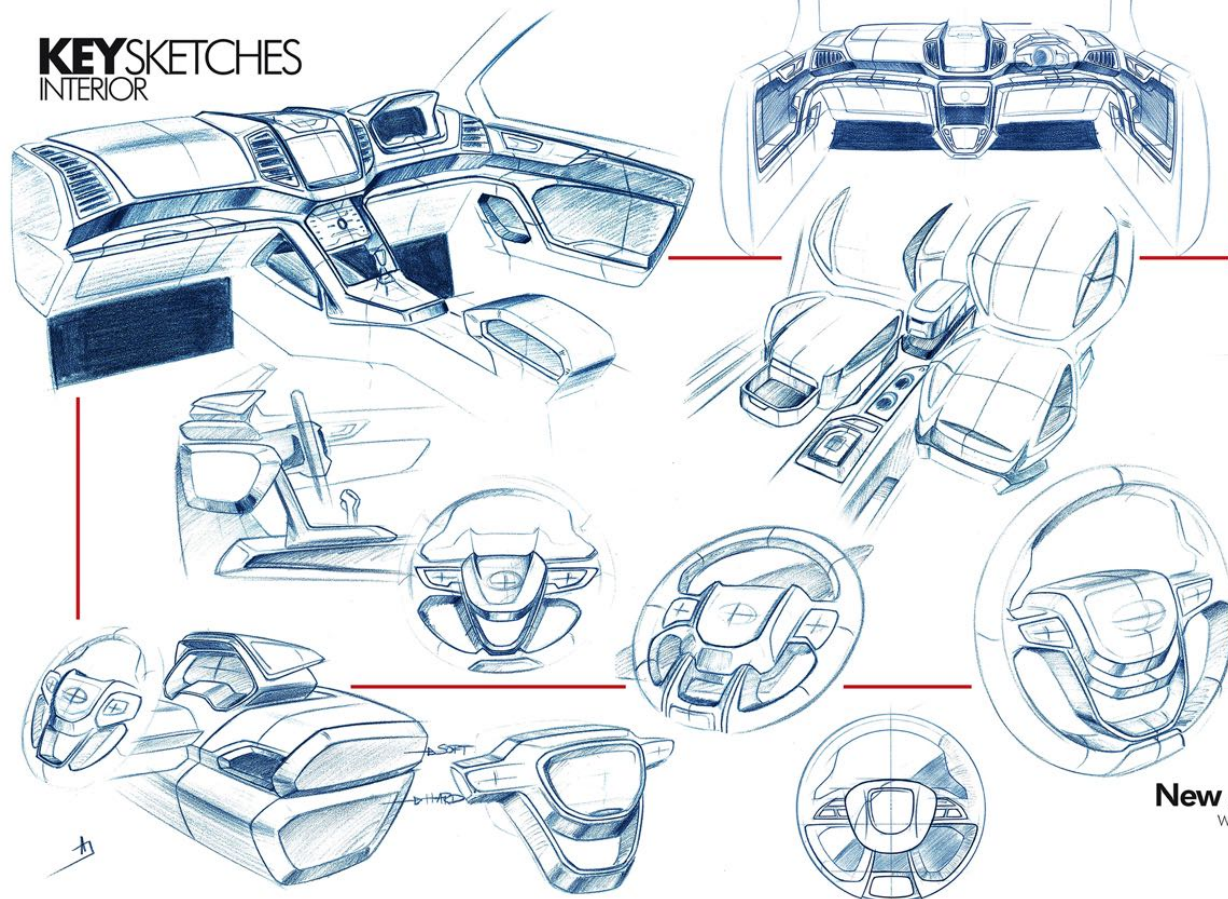


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KEYSKETCHES INTERIOR



INTERIOR DESIGN

An interior Focused on
Functionality & Versatility



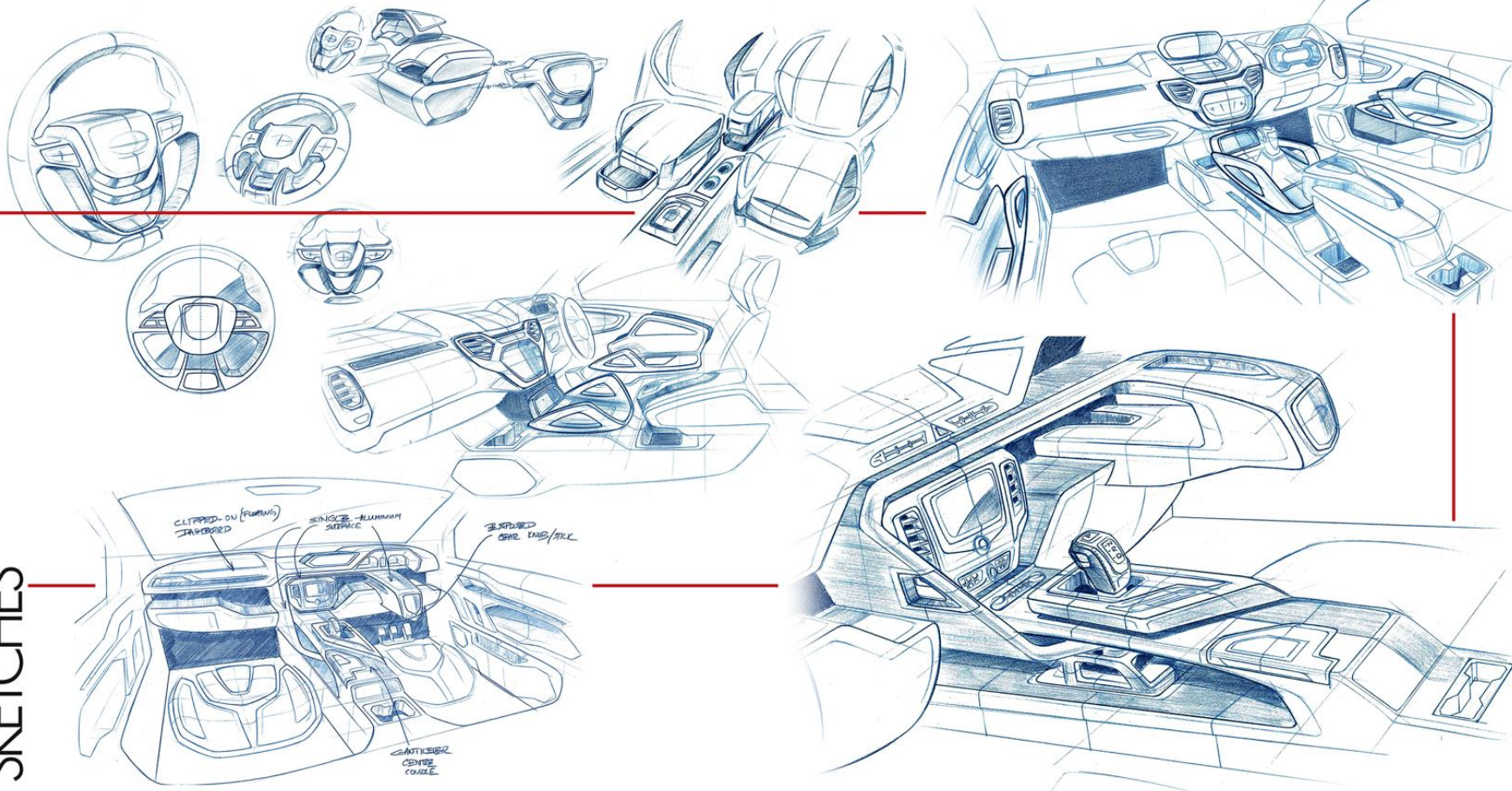
DESIGN BRIEF New Age UTE by MITSUBISHI

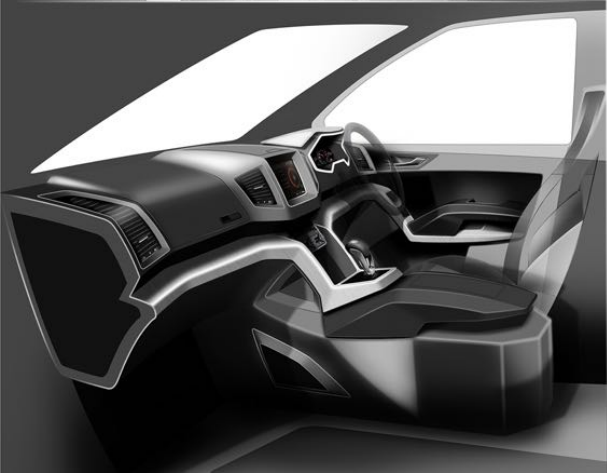
What? CREATE A FUNCTIONAL UTE INTERIOR

Where? SUBURBS & THE OUTBACKS

When? 2020

INTERIOR DESIGN SKETCHES



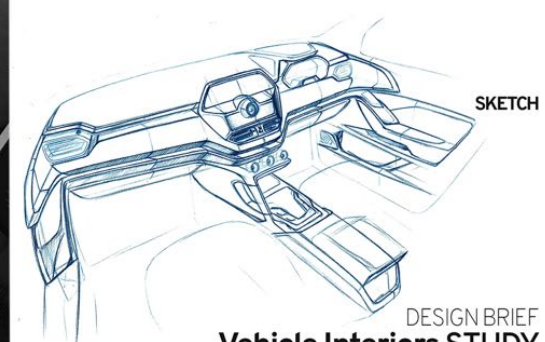


INTERIOR DESIGN

SKETCH + RENDER



BASE VERSION



SKETCH

DESIGN BRIEF

Vehicle Interiors STUDY

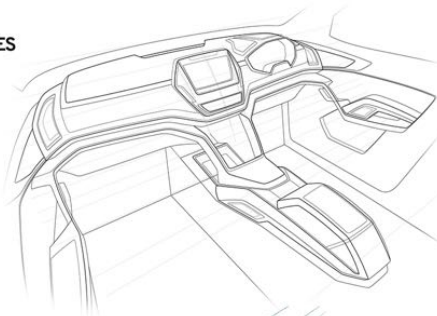
What? DESIGN AND DEVELOP INTERIORS FOR PASSENGER CARS

Criteria - FUNCTIONALITY + VERSATILITY FOCUSED

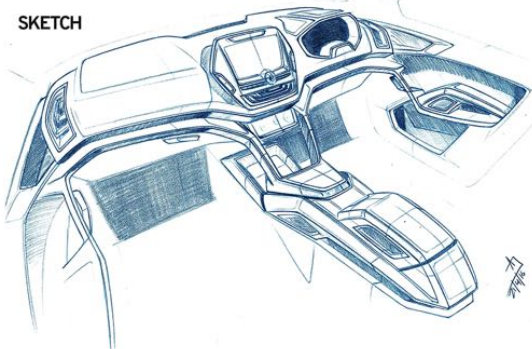
INTERIOR DESIGN

SKETCH + RENDER

PATH-LINES



SKETCH



CAPSULE^{NIO}

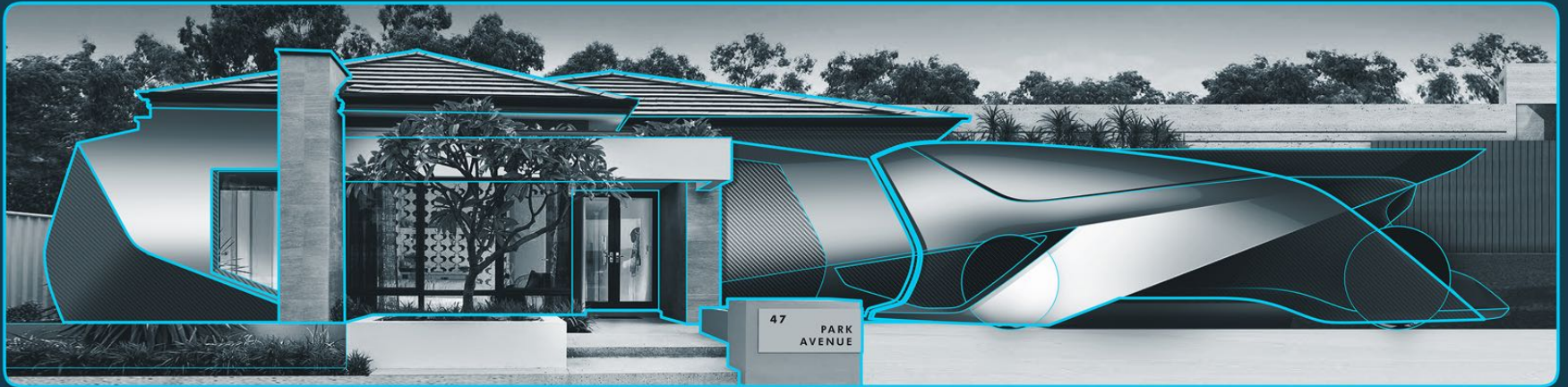
BRIEF | HOW WOULD AUTONOMOUS VEHICLES RE-SHAPE THE FUTURE URBAN LANDSCAPE?
FUTURE OF MOBILITY



CAPSULE

VISION

To Propose a Future Autonomous Transportation Scenario where the Automobile and the Living & Working space are physically integrated for optimal utilization of space and resources.

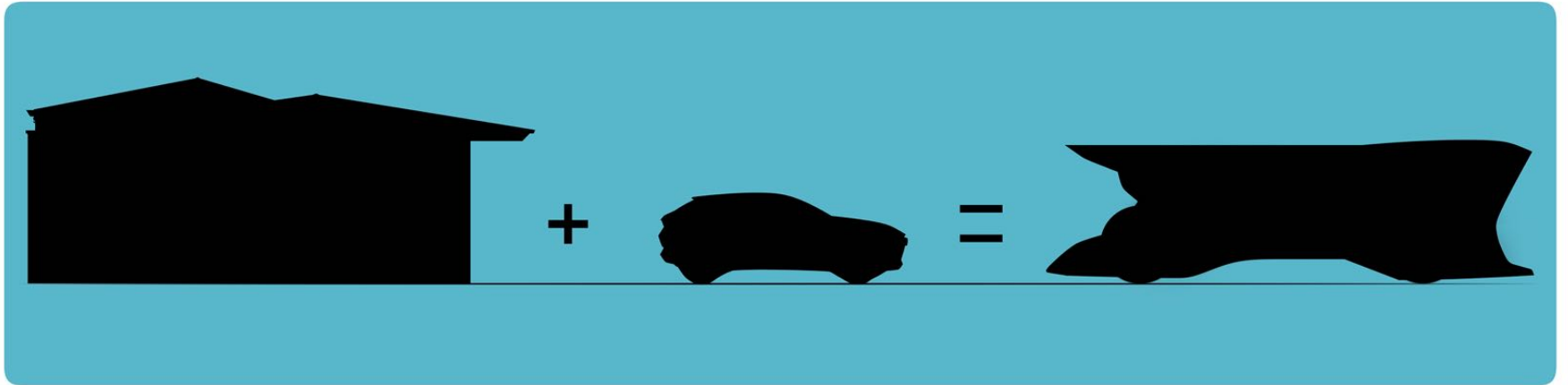


HOW WOULD AUTONOMOUS VEHICLES RE-SHAPE THE FUTURE URBAN LANDSCAPE?

- Could a Car be a Physical extension of a House & Workspace?
- Could a Car be a room at your home and a cubicle at your workspace at the same time?
- Could this concept help simplify/minimize the need for larger office spaces and houses?
- Could you literally carry your work and equipment along with you? (WORK ANYWHERE YOU ARE!)

PROJECT GOAL

To reduce the foot-print of houses and work-spaces by merging them with the transportation medium, thereby making efficient utilization of space and resources.



THE CONCEPT

Houses become redundant when you are at work, and the workplace becomes redundant when you are at home.

We spend most of our time at our homes and our workspaces on a daily basis, and a considerable amount of time commuting between them.

- How could we reduce the need for large permanent spaces for houses and work-spaces?
- How could we merge both these places into one with the help of our daily transportation medium?
- How could we make better use of the commuting time, and also carry our work with us at all times, and also possibly work wherever we are?

INSPIRATION

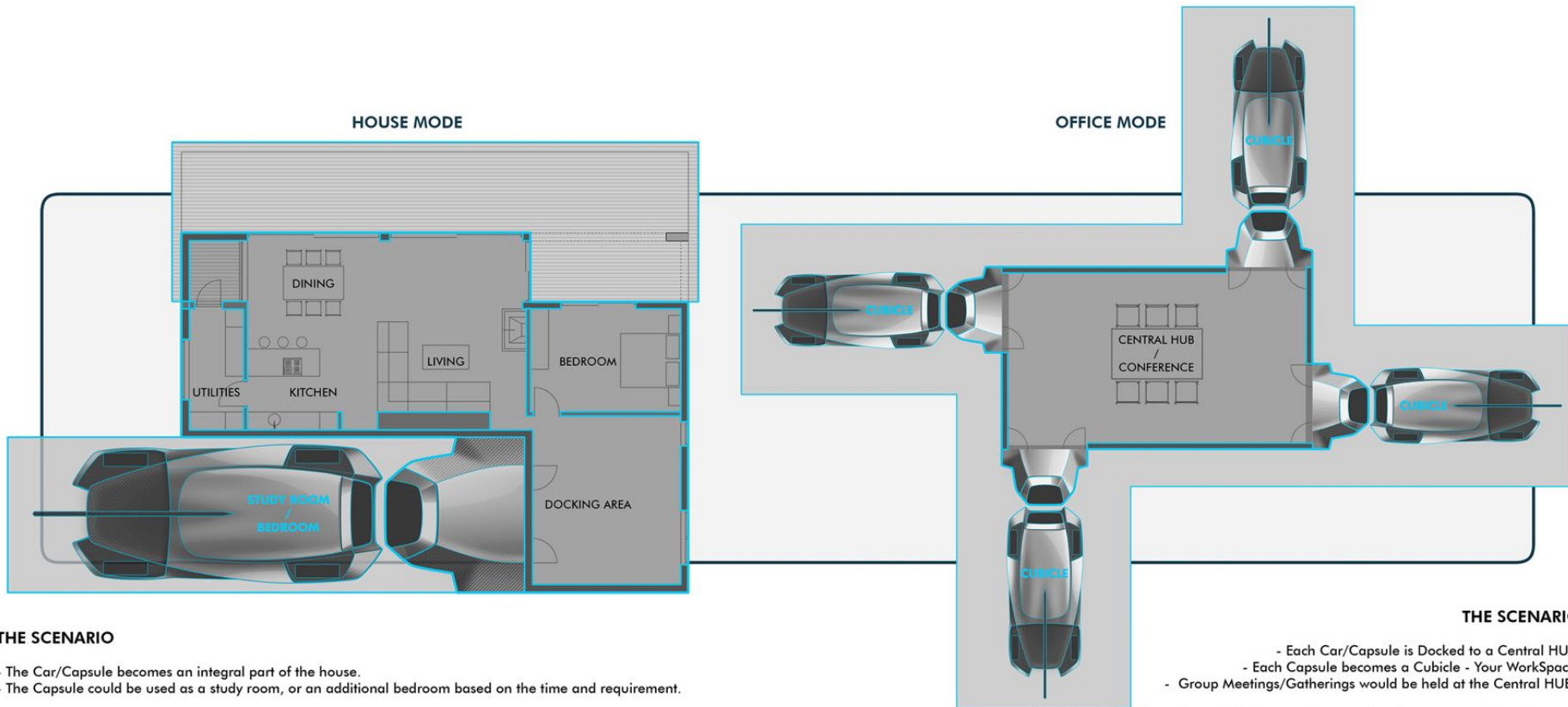
The Docking of a Space Capsule onto the target vehicle, thereby forming a temporary or semi-permanent connection to form a working Space Station was the main inspiration for this concept.



THE CONCEPT

The International Space Station (ISS) is a space station, or a habitable artificial satellite, in low Earth orbit. Its first component was launched into orbit in 1998, with the first long-term residents arriving in November 2000. The last pressurised module was fitted in 2011, and an experimental inflatable space habitat was added in 2016. Development and assembly of the station continues, with several new elements scheduled for launch in 2019. The ISS consists of pressurised habitation modules, structural trusses, solar arrays, radiators, docking ports, experiment bays and robotic arms.

The basic principle of creating a Space station by the docking/merging of a number of Space Capsules, each of which would eventually work as a room or lab was the key inspiration for this project.



HOUSE MODE

OFFICE MODE

THE SCENARIO

- The Car/Capsule becomes an integral part of the house.
- The Capsule could be used as a study room, or an additional bedroom based on the time and requirement.

- Each Car/Capsule is Docked to a Central HUB.
- Each Capsule becomes a Cubicle - Your WorkSpace.
- Group Meetings/Gatherings would be held at the Central HUB.

This gives the opportunity to reduce the Cost & Size of the house and thereby reduce SPACE REDUNDANCY.

This Considerably reduces/eliminates the need to have vast Office Spaces, which would become redundant after Work.

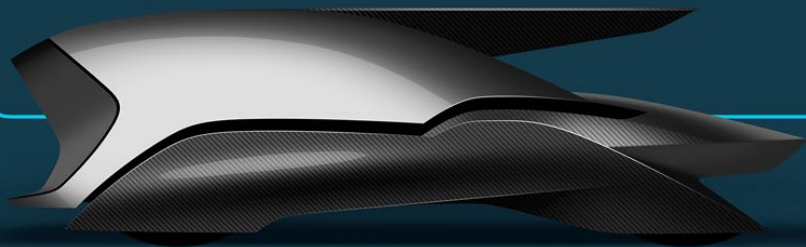


DIRECTION "A"



DIRECTION "B"

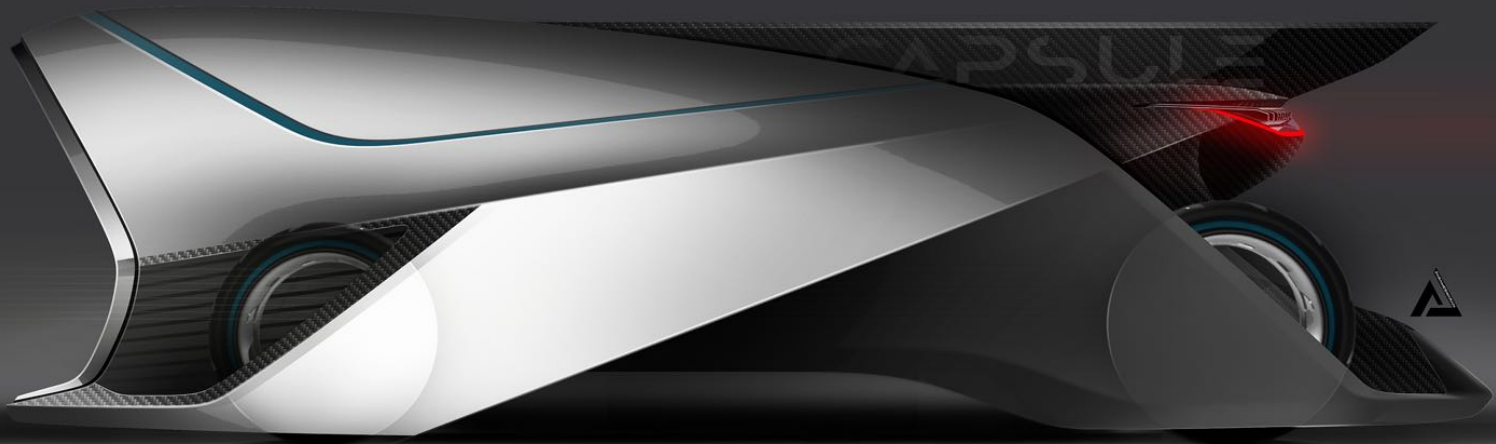
SCULPTURE STUDY

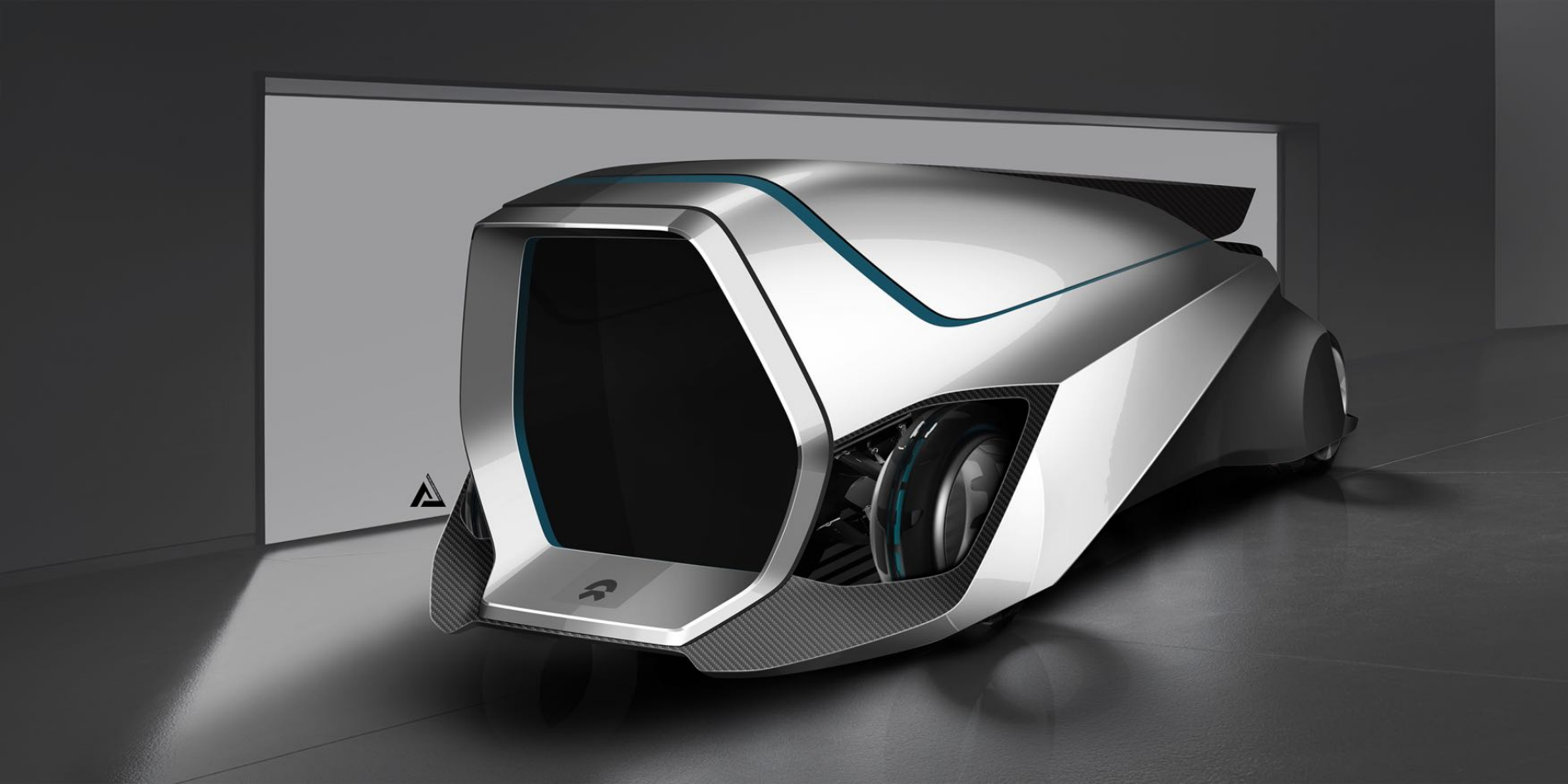


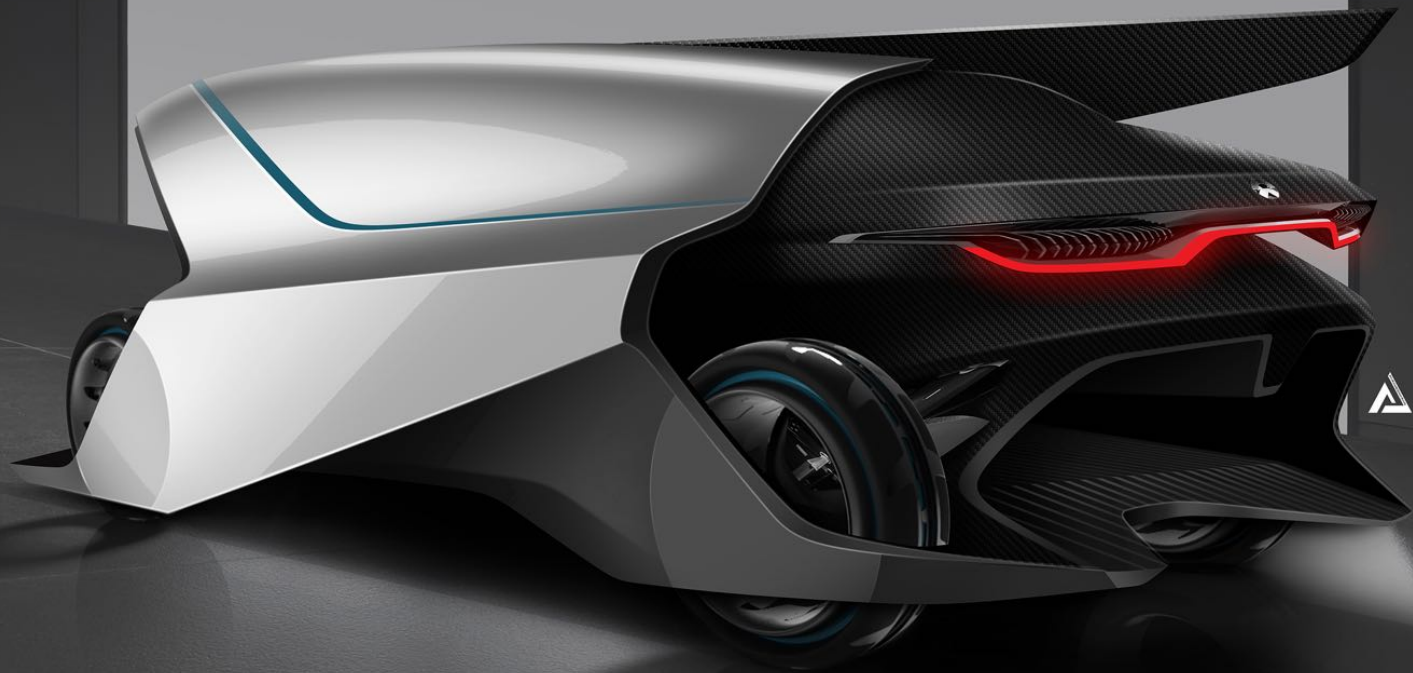
DIRECTION "C"



DIRECTION "D"







THANKYOU
FOR YOUR TIME