ACCELERON
ENTERPRISE
PORTFOLIO



ALLEN OVERSEAS · F1 bearings · UAE SPORTS رياضة دولة الامارات العربية المتحدة · Varishtha INFOTECH IT Services Redefined · STRIKERZ SPORTS ACADEMY · sama SPORTS ACADEMY · Revival

TEAM PROFILE

TEAM NAME

"Acceleron" encapsulates our Formula 1 team's ethos of perpetual advancement. Just as an accelerating object gains speed infinitely, we strive for relentless progress, pushing boundaries and pioneering innovation in the pursuit of excellence. Our name reflects our commitment to perpetual improvement and pushing the limits of what's possible. We embody the spirit of competition, where every fraction of a second counts and every innovation can make the difference. With each race, we challenge the status quo, seeking not just to compete, but to dominate and redefine the future of racing. Acceleron is more than a name; it's a promise to never settle and always accelerate towards greatness.

TEAM UNIFORM

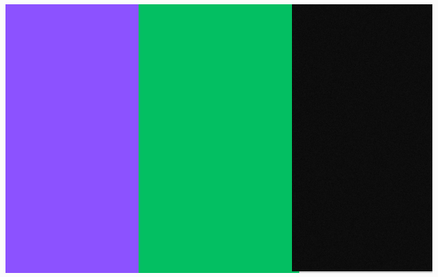
The centrepiece of our main team uniform is our emblematic logo, meticulously crafted to embody Acceleron's core values and aspirations within the realm of Formula 1. For the design, we opted for a black polo shirt to enhance our team's professional image. Our sponsors are strategically placed based on the platinum, gold, and silver hierarchy. In this design, the main logo is centred to command attention and maintain a sophisticated aesthetic. This strategic placement serves as a branding tactic, maximising logo visibility and reinforcing our team's identity. Moreover, our shirts are made of ocean recyclable material, contributing to our ethos of sustainable engineering.





TEAM COLOURS

Our choice of colours—green (#3b963f), purple (#8C52FF), and black (#000000)—green embodies Acceleron's essence: purity, innovation, and power. Purple represents our quest for creativity and technological advancement. Black symbolizes our strength, determination, and sophistication on and off the track.



Purple is a significant color in Formula 1, denoting the fastest sector time achieved by a driver during a session. In Formula 1, each track is divided into sectors, typically three, to analyze performance and compare times. Similarly, at Acceleron, we thrive on evolving and improvising as much as our car, which becomes faster and better than it has ever been, as our team as a whole reaches and works towards their full potential, becoming better than they were before with each passing day.

TEAM LOGO

The final logo is an expression of fluidity; when it comes to the core of our team management and work ethics, being flexible and swift with getting work done in a timely manner without compromising on the quality and representing the detail to the aerodynamic features expressed by the research and design of each component of the car - our logo represents us perfectly.



OUR VISION

Acceleron is a team that aspires to combine its aspirations with innovation and design to fuel its goal of creating sustainable super cars - to be sustainble and sleek. Acceleron envisions a future where boundaries are merely stepping stones. With innovation, determination, and teamwork, we aim to set new standards of excellence in Formula 1, inspiring generations with our speed and spirit of perpetual advancement while upholding integrity and sustainability.



OUR MOTTO

With our team motto: '**Aim, Accelerate, Achieve**', we have summarised our goal and vision for the competition in three words. "Aim" underscores the necessity of setting a clear and concise goal, with great detail in planning when it comes to each and every member. "Accelerate" highlights our team's capacity to complete tasks with the necessary momentum and pace, as well as our ability to accelerate research, design, testing, and effort. It also highlights how the car is designed to accelerate as efficiently as possible during the competition. "Achieve" encapsulates our teams final goal of creating a sustainable and sleek car.

AIM
ACCELERATE
ACHIEVE

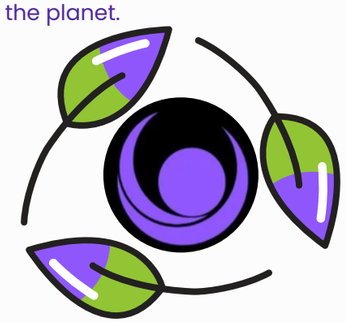
THE BRAND FEATURES

Our team was shaped largely by the graphics used to both design and engineer our car and brand. Our brand presence was inspired by a mixture of minimalistic design and bold colours that complement each other. Together, they helped us market ourselves uniquely and display our vision for our brand distinctly.

ARGRANDIR | **POPPINS**

BRANDING PRINCIPLES

To maintain consistency across our designs and marketing, we formulated certain guidelines according to which we could stay true to our theme of innovating through sustainability. Our design ethos revolves around minimal environmental impact, ensuring that every material we use is recyclable or renewable. We prioritize energy-efficient technologies in all aspects of our operations, from our cars to our headquarters. Our marketing campaigns highlight our commitment to a greener future, showcasing our advancements in sustainable engineering. Collaborating with eco-conscious partners, we hope to contribute to greener innovations. Transparency in our sustainability efforts is key, as we continuously share our progress and challenges with our supporters. Through these guidelines, we aim to merge innovation with responsibility, creating a lasting positive impact on both our sport and the planet.



ABOUT US

MEET OUR TEAM

We are a team of passionate high school seniors, consisting of six unique individuals that have come together to achieve our team vision - to aim, accelerate and achieve. United by our love for engineering and innovation, we push boundaries and challenge the status quo. Each member has a unique skill set and perspective that combines into collaborative effort towards the team.

Tasks are delegated under 6 specifications:

- Team Principal
- Head Engineer
- Design Engineer
- Resource Manager
- Head of Marketing
- Head of Branding

TEAM PRINCIPAL

The team principal is responsible for overseeing quality assessments and ensuring rigorous testing and screening of the car designs. This includes conducting development checks to maintain high standards and ensure all technical aspects meet specifications.



NIPUN GOYAL

TEAM PRINCIPAL

Additionally, he manages the project schedule and oversees deadlines, ensuring the team adheres to timelines and milestones. This role is critical for maintaining quality control, coordinating the development process, and ensuring timely project completion.

Aim | Accelerate | Achieve

HEAD ENGINEER

As the head engineer, Veeraj leads the car design process using CAD, ensuring compliance with regulations. His role is crucial for technical leadership and maintaining design standards.



VEERAJ LAATA

HEAD ENGINEER

He collaborates closely with the team to integrate performance and other features seamlessly. His meticulous attention to detail ensures our cars are both competitive and reliable. Under his guidance, the engineering team thrives on creativity and precision.

DESIGN ENGINEER

As the design engineer, Aditya Raj conducts research and develops the car designs and pit display, ensuring technical accuracy and innovation in the team's engineering projects.



ADITYA RAJ

DESIGN ENGINEER

He continuosuly explores new materials and design methodologies to enhance performance and aesthetics. Aditya's ability to blend creativity with technical expertise results in standout, functional designs. He also works closely with the marketing team to ensure that the designs reflect our brand's ethos.

RESOURCE MANAGER

Arushi is responsible for engaging with sponsors, crafting and sending sponsorship proposals, and designing merchandise. Her role ensures financial backing and promotional materials for the team.



ARUSHI GULATI

RESOURCE MANAGER

With her excellent communication skills, she builds and maintains strong relationships with our sponsors. She organizes fundraising events and seeks new opportunities for partnerships. By managing the budget efficiently, she ensures that resources are allocated effectively to maximize our team's potential

HEAD OF MARKETING

Aditya manages the team's social media presence, develops new logos and visual designs, and creates the team's portfolio. His efforts enhance the team's visibility and professional presentation.



ADITYA MENON

MARKETING HEAD

By crafting engaging content and strategically posting updates, he keeps our audience informed and engaged. Aditya's eye for design ensures that all visual materials are striking and cohesive. He also collaborates with other team members to highlight their achievements and milestones.

ACCELERON

HEAD OF BRANDING

Atiyah focuses on establishing the team's identity and brand image, contributing to risk assessment and management theory, and formulating the budget. Her role integrates strategic planning and financial oversight.



ATIYAH SAJITH

HEAD OF BRANDING

She ensures that all branding efforts align with our core values and mission. Atiyah's analytical skills help identify potential risks and develop mitigation strategies. Atiyah oversees the branding efforts, ensuring our merchandise aligns with the team's image.

TOGETHER, WE AIM FOR EXCELLENCE BY ACCELERATING TOWARDS ACHIEVING SUCCESS.

PROJECT MANAGEMENT

PROJECT TIME

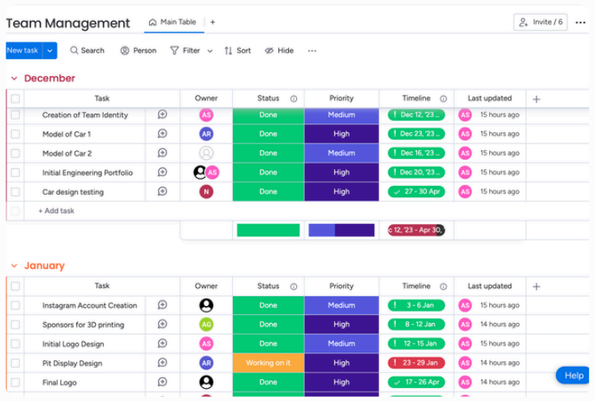
Our project timeline spanned from January to June, during which we focused on completing tasks and meeting deadlines. We set our initial timeframe considering procedures and constraints, aiming to manage our time effectively with SMART objectives that were achievable and realistic. Using Monday.com, we created calendars and employed various planning techniques to assign tasks and set deadlines. Regular check-ins ensured steady progress and accelerated task completion. We held weekly team meetings to address any challenges and adjusted our strategies as needed. Prioritizing deadlines and streamlining operations led to high productivity and efficient results, ensuring that all project goals were met successfully.

MANAGEMENT THEORY

By utilizing dynamic management theory in conjunction with creative approaches, our team integrated strategic planning with dynamic tactics. Since we prioritised constant adaptation, we placed a high priority on teamwork, quick alterations, and ongoing improvement.

TIME MANAGEMENT

We created a project Gantt chart to monitor our overall progress, aiming for a simple visual management system to eliminate miscommunication. By combining dynamic management theory with creative approaches, our team integrates strategic planning with flexible tactics. Embracing constant adaptation, we prioritise teamwork, swift changes, and continuous improvement.



RISK MANAGEMENT

Risk management: we learned when qualifying that if a potential risk was not identified early, there would be a higher possibility that the project would not be within our financial constraints, completed as per schedule and to our targeted standards. When planning our sprints we looked into what tasks needed to be done and we did Strength, Weaknesses, Opportunities and Threats (SWOT) analysis for relevant tasks. This allowed us to identify potential risks

RISK IDENTIFICATION

Risk Identification: During the phases of design, manufacture, and testing, we carefully identified potential dangers. With the use of this insight, we put preventative measures into place, guaranteeing safety, keeping to schedule, and improving project success overall through deliberate decision-making and strategic planning.

RISK ASSESEMENT

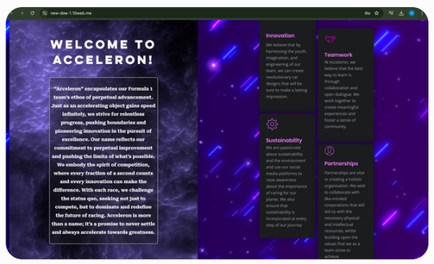
Risk Assesement: We as a team came to a conclusion that by prioritizing our tasks we would be able to succeed. To not come by surprise our team listed out possible challenges we might encounter; we were also able to predict how we could prevent these risks.

PLAN REVISIONS

We realised in week 21 that our pit display was going to be too expensive to manufacture and transport by courier. We engineered the pit display so that it could fit into a flight case which we transported with us. Our sponsorship plan was re-evaluated in July and we dedicated more time to our sponsorship campaigns.

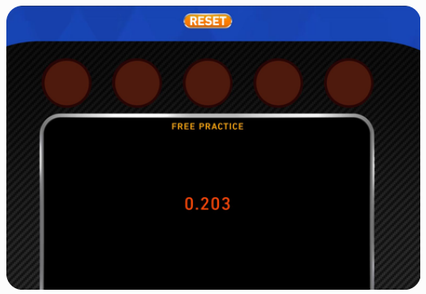
WEBSITE

Our website was essential to keep our project well informed our team members, our sponsors, and the general public. Through our website, one is able to comprehensively understand the team's ethos, mission and vision, which are all etched into our ideologies.
www.acceleron.online is live!
Website is www.acceleron.online



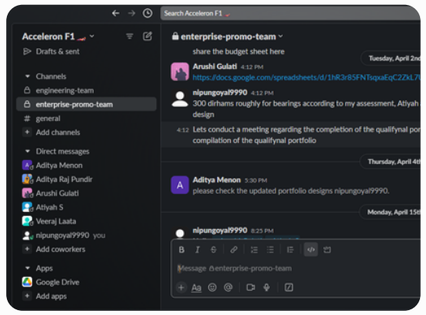
PRIORITY LIST

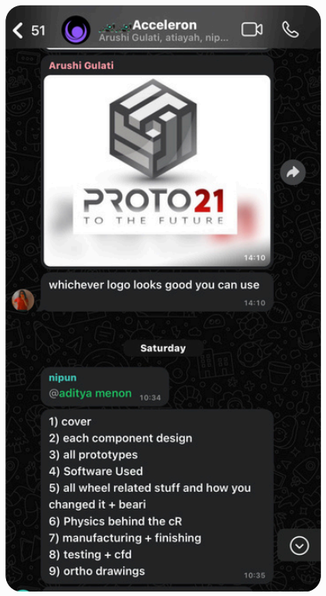
Issue	Solution	Priority
Unable to get sponsors	Reach out by cold mailing and show benefits	★★★★★
File Corruption	Backup into Google Docs and Word	★★★
Inability to meet deadlines	Increase accountability and workload sustainably	★★★★★
Reaction Time	Practice until perfection	★★★★
Construct regulation not met	Regular checks on model at par with guidelines	★★★★★



COMMUNICATION

We facilitated conversations, exchanged resources, and promptly responded to inquiries by creating specific Slack channels for the engineering and enterprise domains. In addition to Slack, the team had frequent Google Meet meetings and communicated via WhatsApp and other social media platforms, such as Instagram, to reach out to possible sponsors.





SUSTAINABILITY

OUR SUSTAINABLE VISION

At Acceleron, Sustainability is at the core of our vision - from the way we designed our models to how we marketed our product. Every decision was made from an environmentally conscious perspective that aligned with the Sustainable Development goals set by the United Nations. Acceleron is encapsulated meaningfully within our team colours purple, green and white. The colour Green highlights our commitment as the youth to preserving Earth's bountiful resources while Purple shows our passion and creativity for coming up with innovative solutions that will help us preserve Nature's biodiversity and accelerate towards a more sustainable future.

SUSTAINABLE FEATURES

We endorsed three main features across our branding and design:

- Efficient Waste Management
- Carbon Neutral Processes
- Renewable Energy Sources

- PA12 - SOLAR CELLS -
- QR CODES - DONATIONS-

RECYLABLE PIT DISPLAY

Our pit display banner is made of recylable material _ . This adds into our branding principle of sleek and sustainable innovation. By choosing eco-friendly options, we reduce waste and promote a greener future. Our designs seamlessly integrate style and sustainability, proving that high performance can coexist with eco-consciousness. Each element of our display reflects our dedication to quality and planet-friendly practices.



GIVING BACK TO COMMUNITIES

Charity and donations are at the foundation of how Acceleron aims to achieve success. Members of our group have individually helped charity drives that give back to our communities. "Project MINHA", endorsed by our Marketing Head. It is a clothes donation drive initiated at school that aims to recycle and reuse clothing. Another school donation drive, "Old Books for New Eyes", with the help of our Head of Branding, reuses Childrens books and gives it to children in communities across Africa. Acceleron doesn't give back just to communities, but also to Mother Nature. To counter the carbon emissions emitted during our ride to Yas Marina Circuit from our school, our team collectively has donated **around 30 kgs of clothes** to ''Project MINHA'',



ENVIRONMENTAL IMPACT

Carbon Footprint Reduction
While our car may be sustainable and produce fewer greenhouse gas emissions, we offset any carbon footprint produced by recycling clothes which would have otherwise created more greenhouse gas emissions.

Water Conservation
By donating clothes, we conserve water and reduce the pollution caused by textile dyeing and other manufacturing processes.

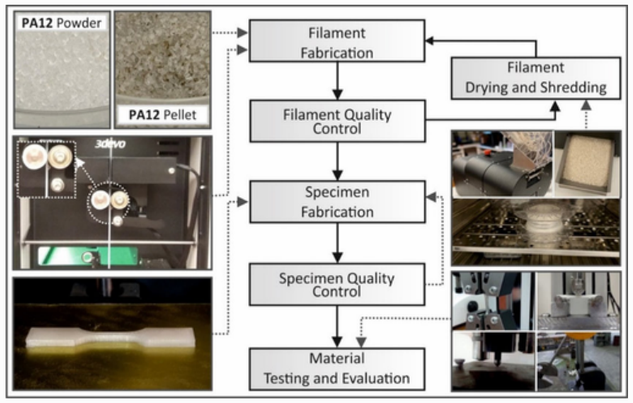
Fast Fashion Reduction
A general guideline is that donating 10-20 kilograms of clothes can offset the carbon footprint of a 100km travel distance, considering how the production of clothes contributes to greenhouse gas emissions.

ZERO WASTE MANAGEMENT

Our car is built using various resources that generate zero waste. When advertising our brand, we use digital screens to display information rather than using printed brochures; QR codes are used across all our advertisements along with links to videos to minimise the usage of handouts/pamphlets. Our digital downloads and copies at the pit display are used. At our pit display, recycling bins are placed to encourage proper waste disposal. Recycled materials collected from our school drive are used to give back to the automative industry through Thift For Good

SUSTAINABLE MATERIAL

Sustainability is at the core of our car as well: we find the most sustainable 3D printing material which doesn't compromise on its tensile strength and is lightweight as well. HP PA12 is used extensively for our axles, hubcaps, wheels, nosecone, tether line guides, basically everything other than the main body. Additionally, PA12 is highly resistant to chemicals, moisture, and wear, ensuring long-lasting performance and reducing the need for frequent replacements. This durability extends the life of car parts, minimizing waste. Its recyclability further contributes to a circular economy, where materials are reused, cutting down on environmental impact. HPPA12 thus supports sustainability goals in the automotive industry through its green production, efficiency, and longevity.



GREEN STRATEGY

Our team has implemented a comprehensive green strategy, underscoring our commitment to sustainability and environmental responsibility. Central to this initiative is our dedicated Sustainability Officer, Aditya Menon who leads our efforts in reducing our carbon footprint and promoting eco-friendly practices. Clear responsibilities have been established to ensure that every team member contributes to our green goals.

TEAM PRINCIPAL
Represents our commitment to sustainability in public forums and partnerships, enhancing our brand's green reputation

HEAD ENGINEER
Implements energy-efficient technologies and environmentally friendly materials in our projects; minimal environmental impact

DESIGN ENGINEER
Selects sustainable materials and incorporates eco-friendly design principles

MARKETING HEAD
Develops campaigns that highlight our commitment to sustainability, creating a positive brand image.

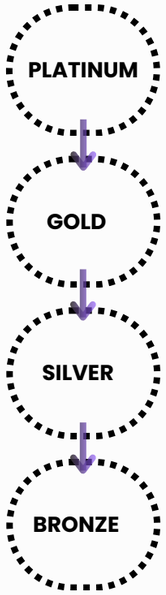
BRANDING HEAD
Develops visual and messaging guidelines that emphasize sustainability, creating a cohesive brand story that resonates with environmentally conscious audiences

SPONSORSHIP AND ROI

SPONSORSHIP

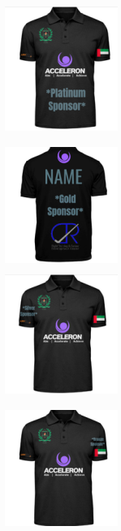
Sponsorship is the lifeblood of our team. Securing worthwhile sponsorship is what enables us to work to a high standard. We began our campaign by devising a sponsor tier/hierarchy

TIERS OF COLLABORATION



BRAND REPRESENATION

Platinum sponsors will enjoy premier visibility, with their logos prominently positioned on our team jerseys' front, as well as at the heart of our pit display during races, ensuring maximum attention and exposure. Gold sponsors will have their logos featured on our Instagram, reaching a large and engaged community of students, educators, and F1 enthusiasts. Silver sponsors will benefit from inclusion in our comprehensive team marketing materials and media coverage, enhancing their brand's reach and recognition. Bronze sponsors will also be included in our team marketing materials and media coverage, ensuring visibility and association with our brand's success.



SPONSOR ACQUISITION

We employed a simple yet highly effective two-step sponsor acquisition method. We began by creating initial contact with our potential sponsors, and we learned from experience that being persistent at this step is key, i.e., utilizing more than one method of contact, such as emails, phone calls, and social media outreach. Once we had successfully reached out to our sponsors, we arranged a formal presentation where we could fully explain the project in detail, outline our proposed partnership, and answer any questions they might have. Through this comprehensive two-step method, we were able to demonstrate professionalism, build strong relationships, and educate our sponsors fully on our project's scope, goals, and potential benefits for their brand.

BRAND ELEVATION

Sponsoring Team Acceleron aligns our brand with an innovative educational initiative that fosters a passion for STEM (Science, Technology, Engineering, and Mathematics). By supporting us, brands will contribute to a competition that develops future engineers and leaders. Your sponsorship will provide essential funds for materials such as F1 block car bodies and accessories like wings, wheels, and axles. Additionally, our budget will cover marketing efforts, including the creation of a team website, advertising on books, pens, and cups, team jerseys, and the design of our pit display.

RETURN ON INVESTMENT

F1 in Schools is an international event that attracts over 7,000 views in its annual livestreams. The 2023 World Finals featured 68 teams, evaluated by an expert panel of judges. As a sponsor of Team Acceleron, your brand will receive individual recognition at the event, ensuring high visibility and prestige. Your logo will be prominently displayed on our car, team merchandise, promotional materials, and all digital platforms, including social media and our website. This extensive exposure offers a substantial return on investment by aligning your brand with a globally recognized competition and reaching a wide, engaged audience of students, educators, and racing enthusiasts.

COLLABORATORS

F1 BEARINGS

F1Bearings is a company that specializes in providing high-quality bearings and related components for various industrial applications. Their product range includes ball bearings, roller bearings, and other specialized bearing solutions designed to enhance machinery performance and reliability.

VARISHTHA INFOTECH

Varishtha Infotech is an information technology firm offering a wide range of services, including software development, IT consulting, and managed IT services. They cater to businesses looking to improve their IT infrastructure and leverage technology for growth and efficiency.

RIGHT TRAINING AND CAREER DEVELOPMENT CENTER (RTCD)

RTCD focuses on providing professional training and career development services. They offer various programs aimed at skill enhancement, career planning, and personal development to help individuals achieve their career goals.

ALLEN OVERSEAS

ALLEN Overseas is a branch of ALLEN Career Institute, a well-known education and coaching institute in India. ALLEN Overseas aims to provide high-quality coaching for students preparing for competitive exams and pursuing academic excellence, extending its educational services to students outside India.

PROTO 3D PRINTING

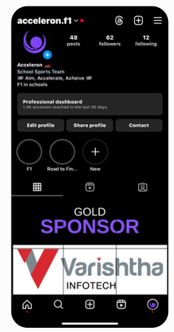
PROTO 3D Printing is a company that specializes in providing advanced 3D printing services and solutions. They offer a range of services including prototyping, custom manufacturing, and design consultation, using cutting-edge 3D printing technology to help clients bring their innovative ideas to life.

REVIVAL DXB

Revival a company that focuses on creating and selling custom merchandise. They provide a variety of products such as apparel, accessories, and promotional items, often tailored for bands, artists, and brands looking to engage their audience with unique and high-quality merchandise. They focus on fashion that at the same time is environmentally f

STRIKERS, SAMA , UAE SPORTS

By collaborating with major Sports agencies in the UAE, acceleron is able to widen his horizons and expand its portfolio in corporation with such companies. We are proud to be a part of their investments and are looking forward for future collaborations with them.







MARKETING

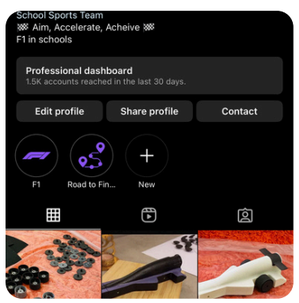
BRAND IDENTIFICATION

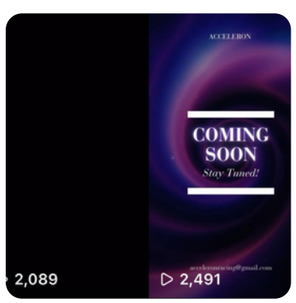
Our brand has set ourselves apart using marketing tools such as visual identity with Adobe and analytics for social media. We have optimized our social media management to guarantee regular and punctual posts. Improving our customer relationship management has allowed for better, more personalized communication. We have increased website visitors through strong search engine optimization (SEO) strategies. Our email marketing strategies have become more focused and compelling, resulting in an increased number of responses. We have also improved our website to boost conversion rates, improve user experience, and drive up engagement.



SOCIAL MEDIA

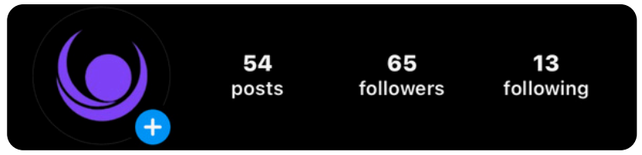
Social Media lies at the centre of our initiative to market our brand effectively. We used Instagram as our main source of growing our audience - since our account's inception we have grown up to 400 followers, with players such as Yas Island F1 I Schools following us. Our Instagram was deployed in different phases. We introduced the team with our vision, proceeded to give introductions on individual team members and announced our sponsors in different capacities - gold sponsors, diamond sponsors or platinum sponsors. Since then, we have been actively engaging with our audience by updating our social media with our car testing and design process.





GROWING AN AUDIENCE

We focused on growing an audience with people across all age groups and interests. At our school, we set up posters throughout hallways asking students to donate clothes to PROJECT MINHA as a part of our recycling initiative. With the sponsors we collaborated with, we created presentations tailored to each company with the aim of having them tune in our journey.



MERCHANDISE

In order to establish our team as an organisation, we created apparel with our logo's on it. Caps were created with our logo front and centre, along with reusable water bottles in the colours of black and purple - it's sleek design and sustainable aspects once again tie in with our vision. Pens were created with our team name and logo, to be distributed to sponsors.





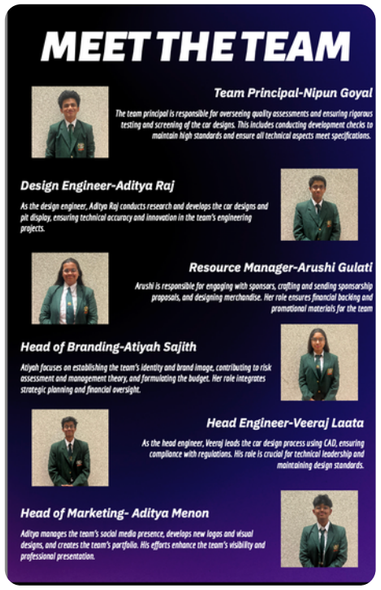


Additionally, we designed team merch/T-shirts, which became quite popular among our followers. Custom lanyards featuring our branding were also produced for team members and supporters. We ensured all merchandise was of high quality to reflect our commitment to excellence. This branded merchandise has not only unified our team but also served as effective marketing tools.



TEAM BANNERS

Our brand stands out with the impactful team banners on our pit display, effectively advertising both our brand and our team members. These banners are designed to catch the eye, showcasing our visual identity with bold colors and striking graphics.



Each banner features individual team members, highlighting their expertise and roles, fostering a personal connection with our audience. The banners not only enhance our professional image but also celebrate the talents and contributions of our team. Positioned strategically, they ensure maximum visibility and engagement at events. These displays serve as a focal point, drawing attention and sparking conversations. By integrating these banners into our marketing strategy, we've created a dynamic and memorable presence that underscores our brand's uniqueness and team spirit.

MARKETING GOALS

`Enhance Brand Reputation as a Sustainable Leader

- Showcasing Green Initiatives: Highlighting our sustainable practices and achievements in all marketing materials.

Thought Leadership: Engaging in public discussions, participating in sustainability forums

Increase Consumer Engagement and Loyalty

- Personalized Communication: Using targeted campaigns to communicate our green initiatives and how they benefit consumers.
- Interactive Campaigns: Creating engaging content, such as social media challenges or interactive web features

Strengthen Stakeholder Relationships

- Collaborative Projects: Partnering with like-minded organizations to promote and implement sustainable practices.
- Transparent Reporting: Regularly updating stakeholders on our sustainability progress through detailed reports and communications, building trust and credibility.

PIT DISPLAY

TEAM IDENTITY

Our pit display incorporates our corporate-identity colours and fonts in its design along with our logo and our school's in bold. The vivid graphics on our pit display are intended to grab attention from afar.



Initial Prototype
for Team Identity

ENGINEERING ASPECT

At our pit, spectators can engage with our design process, which includes Computational Fluid Dynamics (CFD), earlier models, and multiple renders. Two laptops on the tables will display all the previous models of our cars, allowing visitors to explore the evolution of our designs. Additionally, a banner on the main wall, dedicated to in-depth engineering content, will be the first thing everyone sees, providing a comprehensive overview of our technical achievements.

MARKETING AND SPONSORS

Our pit has a dedicated space for our sponsors, featuring their logos prominently. These logos are also displayed on our apparel and merchandise, which are placed on the table for everyone to see. Additionally, the uniforms we will be wearing will showcase our sponsors, ensuring their visibility and recognition throughout the event.



Initial Prototype
for Sponsor

INNOVATIONS

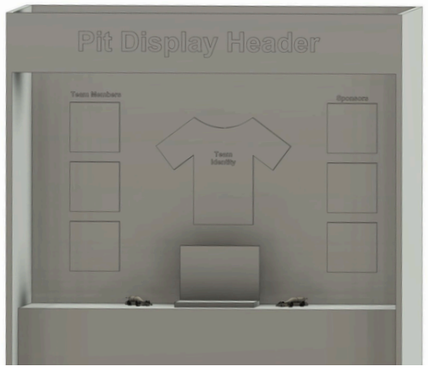
The team tried many different arrangements to make space for all the information on our pit display. After many renditions of our pit display, we arrived at a final design that was able to encompass all the information we wanted it to, while effectively managing space. We specially designed it using CAD on autodesk fusion360, an efficient 3D design: something that we will be able to replicate on the final day.

SUSTAINABILITY

All the banners and the information printed for the pit display will be printed using recycled paper/sheets, which is economical to purchase and is also eco friendly, and easy to find and purchase on various retail/ e-commerce stores. Adittionally, tables manufactured will also be off reclaimed wood, easy to find at the local carpenter stores/online shops like dubizzle.

INITIAL DESIGN

Our initial design, as depicted in the picture, showcases a basic layout for our pit display. The setup includes designated areas for team members and sponsors, along with a central section for team identity, featuring a t-shirt graphic. Two small car models are placed on either side of a laptop on the table, which is intended to display previous car models and design processes.
The current design lacks color and detailed graphics, resulting in a somewhat vague and unpolished appearance. The placeholders for team members and sponsors are empty, and the overall presentation is minimalistic. This initial draft serves as a foundational template, but it requires significant enhancements in terms of visual appeal and detailed content to effectively engage spectators and represent our team's efforts and achievements.



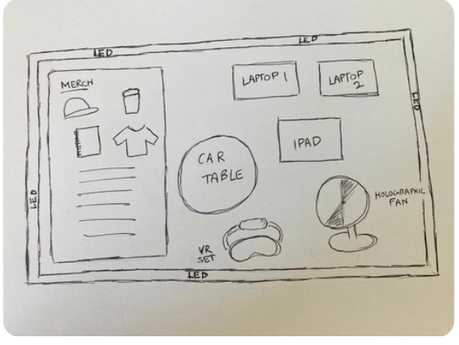
DESIGN IMPROVEMENTS - I

The display now features a rich purple background with the team name, logo, and motto "Aim, Accelerate, Achieve" prominently displayed at the top. The centerpiece of the display is a detailed graphic of our car, with annotations highlighting key design features such as the wheel cogs, front wings, and overall design philosophy. Despite these improvements, there are several areas where we can enhance our pit display further.The sponsor logos and acknowledgments are less prominent in this design. Ensuring that sponsors receive adequate visibility is crucial, so integrating their logos more effectively could be beneficial.
The current layout is quite dense with technical information. Simplifying data could make the content more accessible to a wider audience.



REFLECTION

Reflecting on the above shortcomings, our team was able to create one final design that could be used for the UAE National Finals. One of a sleek and clean design that is both visually striking and attention grabbing.



ROUGH PLACEMENT ON OUR TABLE FOR PIT DISPLAY

FINAL DESIGN







FINANCE AND RESOURCE MANAGEMENT

BUDGETING

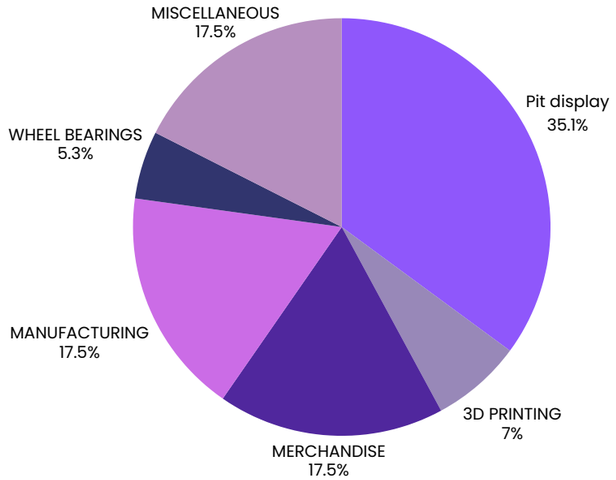
In order to meet the requirements of building a sleek and sustianble car design, we efficently budgeted our resources in order to maximise our resources.

Expenditure	Amount(AED)
Pit display	2000
3D Printing-Front Wing, Wheel and Nosecone	1025
Merchandise	280
Manufacturing Car: Measurement And Finishing -	1000
Wheel Bearings	540
Miscellaneous	1000
CNC Milled Main Body- Testing and Final	895
Canva- Graphic Design	192
Total Amount Required	6932
Money Flow	
Incoming(Recieved)	5800
Outgoing(Spent)	1788.6
Pending	1,132

We carefully allocated funds to prioritize high-impact areas such as innovative materials and energy-efficient technologies. By implementing cost-saving measures and optimizing procurement processes, we ensured the best value for every dollar spent. Our team conducted thorough financial forecasting and analysis to stay on track with our budget goals. Additionally, we embraced sustainable sourcing practices to reduce environmental impact while maintaining quality. This strategic approach not only supported our design objectives but also reinforced our commitment to sustainability and fiscal responsibility.

FINANCIAL AGENDA

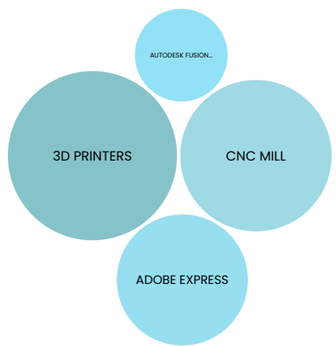
The team's financial agenda is focused on ensuring transparency, efficiency, and sustainability in all financial practices. We prioritize meticulous budgeting and cost management to optimize resource allocation for innovative design and engineering solutions. Financial forecasting and analysis are integral to our strategy, guiding strategic decisions and resource allocation. We uphold strict compliance with financial regulations and ethical standards, fostering trust and accountability within our team and with stakeholders. Our goal is to achieve fiscal stability while supporting our commitment to producing cutting-edge, environmentally responsible cars.



RESOURCE ALLOCATION

Meeting the various requirements of building both a brand and a car requires efficient resource planning. We noted down how often we used car manufacturing components such as 3D printers and CNC Mills in order to maximise our usage of it at the appropriate times. Deciding how much time was allocated to car designing through applications such as ADOBE Express, AUTODESK Fusion 360 and Canva was another component that helped us manage our time efficiently and delegate tasks easily.

	Resource	Usage	Availability
2	3D Printers	Manufacturing Main Body	Occasionally- when required
3	Instagram	Reaching Out to sponsors	Daily
4	Canva	Graphic and Portfolio Design	Daily
5	Slack	Communication b/w team	Daily
6	Laptop	Multipurpose	Daily
7	3-axis CNC Mill	Manufacturing Main Body	Occasionally- when required
8	Adobe Express	Graphic Design (Logo)	Daily
9	Autodesk Fusion 360	Engineering and Car Design	Daily
10	Whatsapp	Communication	Daily
11	Monday.com	Team Management	Daily
12	Blender	Renders	Daily



This integrated workflow ensured that design iterations and creative processes were streamlined, enhancing overall productivity and quality in both brand development and car manufacturing.

SPONSOR FUNDS

Sponsor funds play a critical role in supporting our team's endeavors in brand development and car manufacturing. Securing sponsorships provides essential financial resources that enable us to innovate and excel in our projects. These funds are used for purchasing advanced equipment, materials, and technologies necessary for building competitive and sustainable car designs. Additionally, sponsorships often cover operational costs such as travel expenses to competitions and marketing efforts to enhance brand visibility. We maintain strong relationships with sponsors through regular communication and delivering on agreed-upon sponsorship benefits. Ultimately, sponsor funds not only contribute to our success on the track but also bolster our reputation as a forward-thinking and resourceful team in the automotive industry.

SPONSORS					
S.no	Name of Sponsor	Mode of Sponsorship	Money offered	Funds/ SERVICES Received	Mode of Payement-
1	*Right Training Career Develpoment (RTCD)*	*Financial Support- funds*	AED 1000		*nipun*
2	Allen overseas	Financial Support- funds	AED 2000		nipun
3	Proto	3D PRINTING	AED 1025 EXPENSE		
4	Varishtha Infotech	Financial Support- funds	AED 1000		

Total Money to Seek	Money LEFT TO to Seek
5892	4892

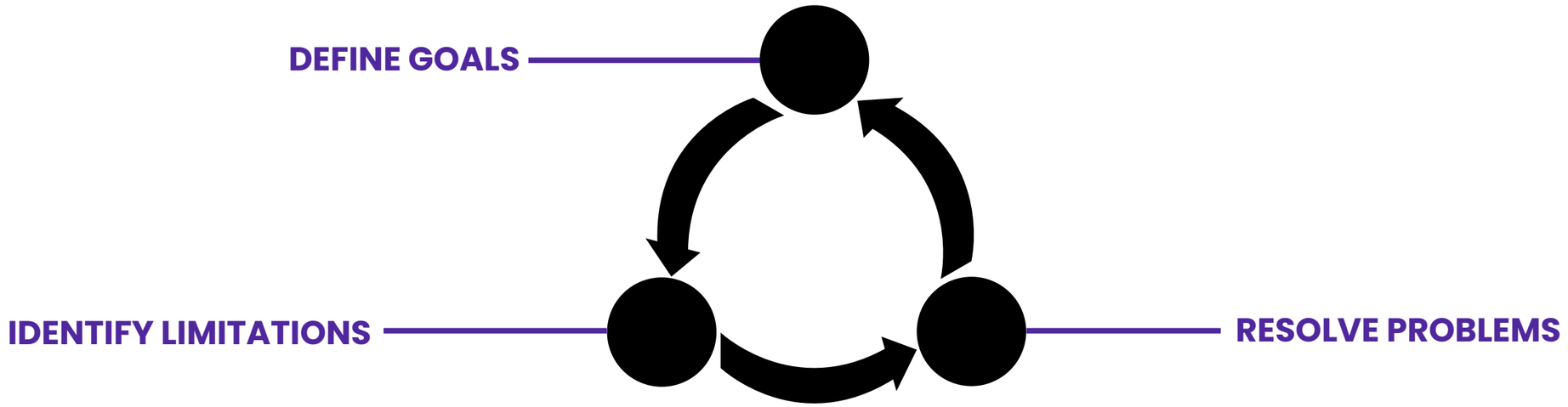
SPONSORS: in process: approached				
S.no	Name of Sponsor	Mode of Sponsorship	Money offered	Funds/ SERVICES Received
1	*DP WOLRD*	*funds*	5k	

RISK MANAGEMENT

Our risk management strategy is integral to ensuring the success and sustainability of our projects. We systematically identify, assess, and prioritize risks across all aspects of our operations, from design and manufacturing to marketing and financial planning. Through rigorous analysis and proactive measures, we mitigate potential threats that could impact timelines, budgets, or quality. Regular monitoring and contingency planning allow us to adapt swiftly to unforeseen challenges, minimizing their impact on project outcomes. Clear communication channels and a culture of transparency ensure that all team members are aware of potential risks and empowered to take preventative actions. By prioritizing risk management, we uphold our commitment to delivering high-quality results and maintaining stakeholder confidence in our capabilities.



ENTERPRISE EVALUATION



ROLES AND RESPONSIBILITES

Acceleron is a team of passionate high school seniors, each selected for their unique skill set and perspective, united by our vision to aim, accelerate, and achieve. We have come together, driven by our shared love for engineering and innovation, to push boundaries and challenge the status quo.
Each member was chosen for their specific role based on their individual strengths and expertise.

GOALS

Our F1 in Schools team aims to excel at the Nationals Finals by setting precise objectives, maintaining a fast-paced and efficient workflow, and designing a high-performance car. We are committed to leveraging innovation and teamwork to surpass our targets, achieve top rankings, and set new standards of excellence in the competition.

PROJECT SCHEDULE

We successfully managed our project using Monday.com, which enabled us to track and review subtasks efficiently. This streamlined approach allowed us to complete the car design in just two weeks. Following that, we focused on finishing the enterprise and engineering portfolios Subsequently, we moved on to testing, painting, and designing our pit display during the months of May and June.

QUALITY CONTROL

We employed a rigorous quality control process to ensure the highest standards for our car and portfolios. Each component of the car underwent detailed reviews to verify precision and functionality. Our portfolios, both enterprise and engineering, were made to tick all the boxes of the rubric. Feedback sessions were integral to our process, allowing us to refine our work continuously and maintain excellence throughout the project.

ENTERPRISE SUMMARY

Acceleron is an innovative team of high school seniors driven by a passion for engineering and excellence. Our Formula 1 team's ethos, encapsulated in the name "Acceleron," signifies relentless progress and innovation. We aim to excel at the Nationals Finals through precise objectives, efficient workflows, and high-performance car designs. Our project management strategy includes the use of Monday.com to streamline tasks, enabling us to complete car design in just two weeks and focus on portfolio development, testing, painting, and pit display design. Quality control is integral, ensuring the highest standards through detailed reviews and continuous feedback sessions.
We prioritize sustainability, integrating eco-friendly practices such as using recyclable materials for our pit display and promoting carbon-neutral processes. Our green strategy, led by a dedicated Sustainability Officer, underscores our commitment to environmental responsibility.Financially, we efficiently budget resources to prioritize high-impact areas like innovative materials and energy-efficient technologies, supported by strong sponsor relationships. Our dynamic management approach combines strategic planning with flexibility, ensuring adaptability and continuous improvement. Through teamwork and innovation, Acceleron is set to redefine excellence in Formula 1, blending sustainability with high performance. And we are here with a goal, a goal to win, integrating sustainability, financial independence and success through all of our endeaveors.