



Project Management Fundamentals

Fondamenti di Project Management
2023

PART 4 – GROUP ASSIGNMENT

Seminar Part 4 Topics

PART 4 – GROUP ASSIGNMENT

- 1) Assignment Specs**
- 2) Teams**
- 3) Project Charter 1**
- 4) Project Charter 2**
- 5) Project Charter 3**

4.1 Assignment specs

<p>We have randomly formed 3 groups, of 4/5 members. A really short project charter will be assigned to every group. Every group will work together in the next 2 weeks and should:</p>	<p>Requested Output by Wednesday March,22nd , strictly!</p>
▶ Appoint a project Manager	Will describe the project 2° day (15 min)
▶ Identify the constraints	List of milestones and Key points
▶ Generate a WBS (at least 3 levels: project, main deliverables, main workpackages)	A photo of WBS made by post-it
▶ Generate a PERT diagram	A photo of PERT made by post-it or whatever represent a PERT diagram
▶ Generate a Gantt chart	using Ganttproject or other software if available
▶ Create a S curve with the WBS planning the costs and compare costs with the budget	Excel graph
▶ Identify and evaluate risks (at least 5 threats and 5 opportunities, the most impacting and reasonable)	Risk analysis
▶ Prepare a risk response plan	Table of responses
▶ Define the needs for the project team	List of people needed, role, expertise

Team 1	Team 2	Team 3 (remote)
Massimiliano Bertoni	Teresa Sinico	Mattia Maltauro
Mattia Perin	Gjulio Ashta	Giacomo Zuccon
Lauri Andrea	Michele Martignago	Stojanović Lazar
Pietro Cuccarollo	Francesca Catalano	Leonardo Maretto

Project 1 (Organizing): Jetson at Le Bourget




54th INTERNATIONAL
PARIS AIR SHOW
LE BOURGET
JUNE 19-25, 2023



You are a stand fitters firm and you have been contacted by Jetson that wants to present at “Le Bourget” his Jetson ONE

Your personal aircraft in aluminium and carbon fiber, powered with eight powerful electric motors.

<https://www.jetsonaero.com/>



**DU 23 AU 25
JUN 2023**

**54^e SALON
DE L'AÉRONAUTIQUE
ET DE L'ESPACE**

- ▶ **Date June 19th -25th 2023 (the stand must be operative 5 days earlier for the preshow and journalist preview**
- ▶ **2 Stands, A) inside B) outside**
- ▶ **The stand A) must accommodate 20 people,**
- ▶ **The stand A) must have a Multi Media show room**
- ▶ **The stand A) must accommodate a real flying machine**
- ▶ **The stand B) should provide flying try for people**
- ▶ **The stand B) the test have to be safe, no risk allowed**
- ▶ **The budget offered is 30.000€ (may be you have to trade it)**
- ▶ **Jetson wants to approve the stand's project before confirm the participation to the fair**
- ▶ **The stands have to be bought before April 22nd**
- ▶ **Also catering and stewardship have to be provided**

PARIS AIR SHOW LE BOURGET
siae.fr

Project 2 (Service): Lamborghini Super Trofeo Europa



An Italian millionaire wants to ride in the Lamborghini Super Trofeo Europa (not interested in other circuit)
<https://www.lamborghini.com/it-en/motorsport/news/lamborghini-super-trofeo-tre-serie-in-quattro-continenti-nel-2023>

- ▶ Date May 5-7th – November 16-17th 2023
- ▶ You have to organize the whole event
- ▶ Provide the car
- ▶ Provide the track crew and the mechanics for every date
- ▶ Provide transport and accommodations
- ▶ Provide a Pilot to teach your customer before the Trofeo starts (5 lessons at least)
- ▶ Provide spare parts and possible replacement
- ▶ The Wife of the customer is really worried about possible consequences of an incident
- ▶ The Millionaire is worried about the possibility to jump a date
- ▶ Budget 650.000€
- ▶ (Lamborghini Huracán Super Trofeo Evo2: 305.000€ only the car)

Project 3 (Product): New e-scooter for Ferrari



Ferrari asked Cipollini to design an e-scooter, like Platium did for Lamborghini, and Cipollini proposed you the project.

<https://www.alemobility.com/it/product/alex/>

<https://www.platum.com/it/>

<https://www.mcipollini.com/it/>

- ▶ Date September 30th 2023
- ▶ 500W continuous power
- ▶ Disk brake system on both wheels, plus a second electronic brake on the back
- ▶ Anterior and posterior suspensions
- ▶ Fast rechargeable (1h)
- ▶ Weight: <25 Kg
- ▶ Maximum autonomy: 50Km
- ▶ Maximum payload: 130Kg
- ▶ Maximum speed: 30Km/h
- ▶ Auto slow-down system with proximity alert to prevent collisions
- ▶ Ready to launch after summer (presented in September)
- ▶ Target Cost 1.300€
- ▶ Budget Design: 50.000€ Tooling: 150.000€ Others: 80.000€

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Thank you for your attention

