

# INITIATION PHASE 16/05

---

16 May 2025 / 5:00 PM / Google Meet

## ATTENDEES

Mohammad Battat (guide)

Jinan Yousef

Bashar Ibrahim

Yazan Ghunaim

## AGENDA

### New Business

- Introduction to the WRO 2025 Future Engineers Category
- Overview of expected goals, deliverables, and timeline
- Discussion of potential Items for the robot:
  - Exo-Skeleton (PET)
    - 3D printed
  - Batteries:
    - 1.2-1.5V minimum (recharge)
  - Controller:
    - Raspberry pi
  - DC Motors: not differential (2)
    - Dual H-Bridge motor
  - Sensors: Ultrasonic | LIDAR Scanner
- Tools and tech to explore:
  - Raspberry Pi
  - Python programming

## NOTES

- We aren't sure on the exo-skeleton yet
- We hope to create something very simple that we can test and base our final model on.

## ROLE DISCUSSION

TASK	ASSIGNED TO	DUE DATE
Take Course on Raspberry Pi	Everyone	01/06/2025
<b>Purchase</b> Batteries	Everyone	01/06/2025
<b>Purchase</b> Raspberry Pi Controller	Everyone	01/06/2025
<b>Purchase</b> Dual H-Bridge	Everyone	01/06/2025
<b>Purchase</b> DC motor (2)	Everyone	01/06/2025
<b>Purchase</b> Ultrasonic Sensor	Everyone	01/06/2025

## NEXT WEEK'S AGENDA

We will have a small model to test and have general knowledge on how to improve it