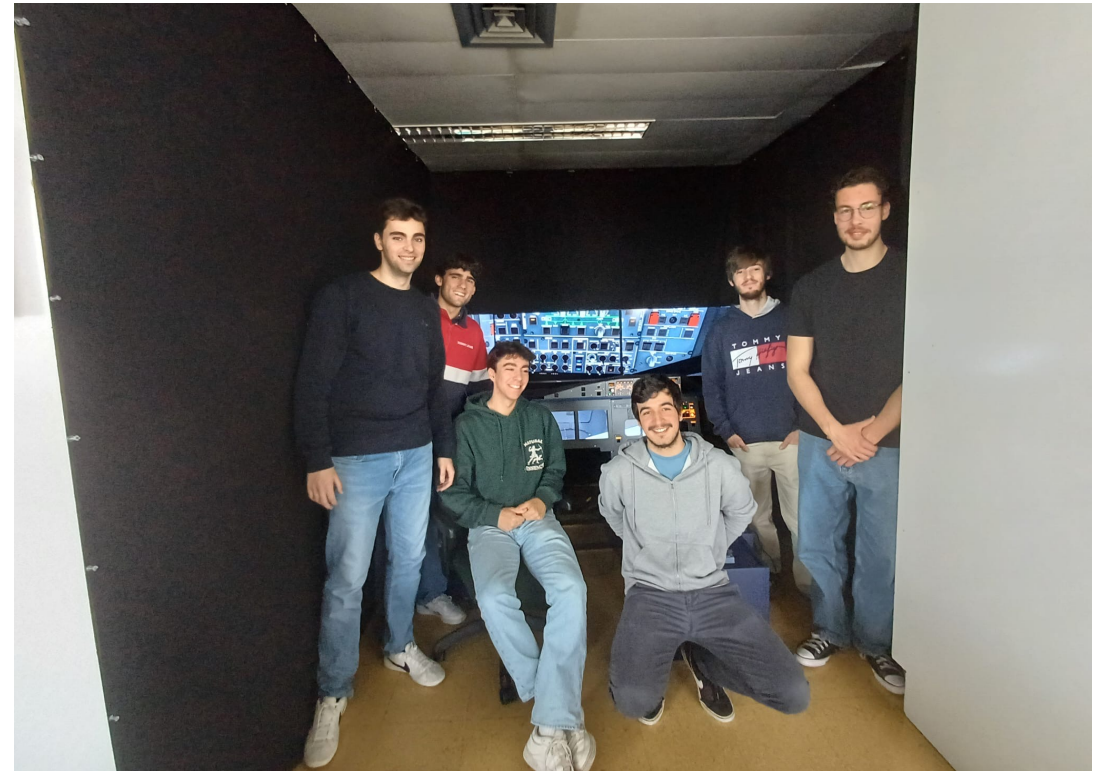# Overhead Panel
Desafio nº1

Team

Carlos Santos

Software integration
-Integrating Mobiflight
with Xplane

Tomás Corral

Hardware integration
-Circuit Design
and assembling

Luís Ventura

Project Research
-Information research
and finding Dataref

Team

Afonso Jarego

**Integration
with Software**

João Rebelo

Website
- Project's website
- Hardware assembly

Martim Monteiro

**Researcher and Project
Validation**

- Interviews to the potential
beneficiaries of the product

Problem definition

- Flighting simulators are still a long way to simulate reality, especially with only the simulation software

Technological solution

- Implementing a physical overhead panel connected to the simulator to aproximate reality

- Creating a method so that people can use only the section of the panel they think its more useful

- Arduino is the way to connect the hardware and software

Solution beneficiaries

- **Trainee Pilots**

- **Aircraft Simulation Enthusiasts**

Competitors and Qualities

Competition/ Qualities	Us	FlightSafety Int	L3Harris Tech	Skalarki
Modularity	✓	✗	✗	✗
Realistic	✓	✓	✓	✗
Scalability	✓	✗	✗	✗

Achieved results

- Implementation of panels, successfuly
- Interview with a pilot enthusiast and trainee

Overhead Panel

AirBus A320

Conhecer o Projeto

For more informations: click here!