## Projet YAFC

Yet Another Flight Controller

Oussama Felfel Yasmine Benhaddou Elana Courtines Zineb Moubarik

Université Paul Sabatier

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- Context, Objective
- 2 Needs

- Organisation
  - Project Management
  - Development Management
  - Customer Supplier Communication



OYEZ (UT3) YAFC 01/12/2022 2/10

Yet Another Flight Controller (YAFC) is a project being held within the Computer Science Master at Université Paul Sabatier.

Zhenyu Bai expressed their interest in drones. In particular for drones :

- that are cheap to produce;
- physically basic ;
- easily configurable.

The project thus aims to provide a functionnal drone that complies with the aforementioned critierias.



While the Flight Controller (FC) is the piece of software that controls the different physical components of the drone itself, the autopilot is what autonomously controls what the drone does.

Today, completely functionnal and ready-to-use drones are expensive. But it is technically possible to produce cheap drones using or inspired by PixHawks.



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- the files to produce a custom-made PCB;
- a custom-made FC inspired by PixHawks;



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notre orga



on a créé un git : lien codé en pseudoC arduino



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