

# Dissertation Weekly Report

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Student: Francisco de Babo Martins

Supervisor: Lus Filipe Teixeira

Thesis: *Visual-Inertial based autonomous navigation of an Unmanned Aerial Vehicle in GPS-Denied environments*

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## 1 Accomplishments

- The implementation of the algorithm in the new drone was concluded.
- Some flight tests were conducted in order to test the developed framework in real situations.

## 2 Difficulties

- There were some problems with controlling the AR. Drone due to the interference of airflows.

## 3 Notes

- No meeting was scheduled with the supervisor.