

# Dissertation Weekly Report

*May 8, 2015*

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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 development of the localization algorithm is still in progress.

## 2 Difficulties

- The detection of the desired shapes in a video feed from a corridor is not robust enough. Further investigation is required.

## 3 Notes

- A meeting with the supervisor was scheduled for the 11th of May at 16:00 PM.