

European Project Semester at ISEP - EPS@ISEP

Project Title

Pet tracker



Sponsor



Project Summary

The goal is to design and develop a pet tracker system.

The project requirements are:

1. Web interface;
2. Display track using Google Maps/Google Earth;
3. On board data storage;
4. Data download Interface;
5. Light, small, portable, wearable device;
6. At least 48 h Power autonomy;
7. Use open source technologies;
8. Comply with the following EU Directives:
 1. Machine Directive ([2006/42/CE 2006-05-17](#));
 2. Electrical Safety: Low Level Voltage Directive ([2006/95/CE 2006-12-12](#));
 3. Restriction of Hazardous Substances (ROHS) in Electrical and Electronic Equipment Directive ([2002/95/EC 2003-01-27](#));
9. Mandatory adoption and use of the International System of Units ([The NIST International Guide for the use of the International System of Units](#)).

Participants

Institution: Instituto Superior de Engenharia do Porto

Group N.2:

Students:

- Artur Costa
- Aleksandra Borzecka
- Anton Fagerström
- Martí Domènech Gasull

Supervisors:

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Client:

- José Barros Oliveira (jbo 'at' isep 'dot' ipp 'dot' pt)

Additional Guidelines:

- [2008 ASHRAE Environmental Guidelines for Datacom Equipment](#)

Contents

Work Plan: [Deadlines, Tasks, Gantt chart, Task allocation](#)

Logbook: [Weekly Report, Meetings, Activities](#)

Report: [Report](#)

Deliverables: [Links to all deliverables](#)

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Utilities

- [DokuWiki Syntax](#)
- [Videos on how to use Wikidoku](#)

Acknowledgements

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