



Universidade do Porto

**FEUP** Faculdade de Engenharia

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# WEEKLY REPORT

14<sup>TH</sup> MARCH – 18<sup>TH</sup> MARCH

## TASKS PERFORMED / TOPICS STUDIED:

- The networking functions have been developed to work using a master slave protocol;
- Tested the accelerometers and starting to develop a complete function to read data from them;
- Developed some Real Time Clock functionalities to timestamp the measures taken.
- Study of several solutions to manage the large quantity of data from the accelerometers;
- Research on ultra-sonic sensors.

## BIBLIOGRAPHY REVISED:

- Libelium – Waspote (datasheet, networking guide, libraries,...);
- XBee/XBee-PRO RF Modules Manual – Digi (<http://www.digi.com>).