Embedded platforms and communications for IoT

Implementation of the embedded platform for plant monitoring IoT system using the

B-L072Z-LRWAN1 ARM mbed-based platform

**Final project: Report template**

v 1.0

Author

Table of contents

[REPORt template 6](#_Toc116916768)

[1 Overview 7](#_Toc116916769)

[2 Summary of the specifications implemented versus specifications required 8](#_Toc116916770)

[3 Hardware block diagram of the solution implemented 9](#_Toc116916771)

[4 Software organization. 10](#_Toc116916772)

[4.1.1 Description of the implementation. 10](#_Toc116916773)

[4.1.2 Code size. 10](#_Toc116916774)

[4.1.3 Problems detected. Solutions 10](#_Toc116916775)

[5 Results. 11](#_Toc116916776)

[6 Advanced specifications implemented 12](#_Toc116916777)

[7 References 13](#_Toc116916778)

Table of figures

No table of figures entries found.

Table of tables

No table of figures entries found.

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# Overview and introduction

Summary of the work done

# Summary of the specifications implemented versus specifications required

# Hardware block diagram of the solution implemented

Description of the HW interfaces used. Explain the meaning of the different hardware resources used in the sensors.

# Software organization

### Description of the implementation

(Module division. Threads implemented. Functionality. Main classes and methods used.)

### Code size

### Problems detected and implemented solutions

# Results

Test implemented to demonstrate the specifications

Code (github, suggested), highlight your contributions vs external code

Screen captures. Links to videos showing the terminal output.

# Advanced specifications implemented

# References

External code

Datasheets

Reference webpages