



GALWAY - MAYO INSTITUTE OF TECHNOLOGY

FINAL YEAR PROJECT

Easysleep

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supervised by
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March 14, 2020

Declaration

This project is presented in partial fulfilment of the requirements for the Degree of Bachelor of Engineering (Hons.) in Software and Electronic Engineering at Galway-Mayo Institute of Technology. This project is my own work, except where otherwise accredited. Where the work of others has been used or incorporated during this project, this is acknowledged and referenced.

Acknowledgement

I would like to extend my thanks to my supervisor Paul Lennon who made sure I stay on track with my project as well as to Niall O’Keeffe for his support in embedded part of the project. I would also like to thank my wife Caroline for her ongoing support through my studies.

Table of Content

1	Project background and motivation	4
2	Overview	5
3	Hardware	6
4	Software	7
4.1	MCUXpresso	7
4.2	Android Studio	8
4.3	Other	9
5	Conclusion	10
6	References	11
7	Bibliography	12

1 Project background and motivation

project background and motivation behind the project (WHY?)

2 Overview

project intro (what is Easysleep, research, architecture diagram)

3 Hardware

hardware

4 Software

software used, languages, IDEs, tools

4.1 MCUXpresso

development of code for K64F

4.2 Android Studio

mobile application development

4.3 Other

SystemView, FreeRTOS, Pulseview, Git/Github, project management software, BT configuration

5 Conclusion

what was the development of the project like

6 References

7 Bibliography