

EE 478 Capstone Final Report
RFID Interaction Suite

Alyanna Castillo
Patrick Ma
Ryan McDaniels

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1 ABSTRACT

2 INTRODUCTION

These are some example of how to cite and use bullet points A reference to Table ?? and one to the Design Specification, Section 3.

- Overall summary description of the module - 2-3 paragraphs maximum (explanation of use cases goes here)
 - Specification of the public interface to the module
 - * Inputs
 - * Outputs
 - * Side effects
 - Psuedo English description of algorithms, functions, or procedures
 - Timing constraints
 - Error handling

3 DESIGN SPECIFICATION

3.1 Design Requirements

3.1.1 *Environmental Requirements*

The device must operate in an indoor/outdoor environment with relative humidity consistent with desert and tropical environments. It must be durable enough to withstand various types of users, especially small children. The unit is to be portable and battery operated.

3.2 Identified Use Cases

3.3 Detailed Specifications

3.4 Functional Decomposition

4 HARDWARE IMPLEMENTATION

4.1 Top Level Design

4.2 Low Level Design

5 SOFTWARE IMPLEMENTATION

5.1 Top Level Design

5.2 Low Level Design

6 PRESENTATION, DISCUSSION, AND ANALYSIS OF THE RESULTS

6.1 Results

6.2 Discussion of Results

6.3 Analysis of Any Errors

6.4 Analysis of Implementation Issues and Workarounds

7 TEST PLAN

7.1 Test Specification

7.2 Test Cases

8 SUMMARY AND CONCLUSION

8.1 Final Summary

8.2 Project Conclusions

A BREAKDOWN OF LAB PERSON-HOURS (ESTIMATED)

Person	Design Hrs	Code Hrs	Test/Debug Hrs	Documentation Hrs
Patrick	x	x	x	x
Alyanna	x	x	x	x
Ryan	x	x	x	x

By initializing/signing above, I attest that I did in fact work the estimated number of hours stated. I also attest, under penalty of shame, that the work produced during the lab and contained herein is actually my own (as far as I know to be true). If special considerations or dispensations are due others or myself, I have indicated them below.