

# Project Title Goes Here



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March 15, 2024

# Declaration

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3. This report is my own work.
4. I have not allowed, and will not allow, anyone to copy my work with the intention of passing it off as their own work or part thereof.



March 15, 2024

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Name Surname

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Date

# Acknowledgements

No man is an island entire of itself; every man is a piece of the continent,  
a part of the main.

—*John Donne*

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# Abstract

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# Abbreviations

# Chapter 1

## Introduction

Philosophers have hitherto only interpreted the world in various ways;  
the point is to change it.

—*Karl Marx*

### 1.1 Background

#### 1.1.1 Problem Statment

Sally, a researcher at the FitzPatrick Institute, needs a way to weigh the red-winged starlings without scaring them because interestingly they record their weight manually.

### 1.2 Objectives

### 1.3 System Requirements

### 1.4 Scope & Limitations

### 1.5 Report Outline



# Chapter 2

## Literature Review

If you wish to make an apple pie from scratch, you must first invent the universe.

—*Carl Sagan*

### 2.1 Data transmission and Interface

This section investigates different options for transmitting data from a microcontroller. The two obvious options are Bluetooth and Wi-Fi. According to Gaurav and Ninad, Bluetooth is far easier to setup. On the other hand, Wi-Fi has higher data transfer speed for high baud rates [1]. In the context of capturing weight data of birds, there is not a large amount of data being captured; therefore, high data transfer speed is not needed. In light of this, Bluetooth was further investigated.

## Chapter 3

# Conclusions

The same rule holds for us now, of course: we choose our next world through what we learn in this one. Learn nothing, and the next world is the same as this one.

—*Richard Bach, Jonathan Livingston Seagull*

The purpose of this project was to...

This report began with...

The literature review was followed in Chapter...

The bulk of the work for this project followed next, in Chapter...

In Chapter...

Finally, Chapter... attempted to...

In summary, the project achieved the goals that were set out, by designing and demonstrating...

## Chapter 4

# Recommendations

It is for us the living, rather, to be dedicated here to the unfinished work which they who fought here have thus far so nobly advanced.

—*Abraham Lincoln*

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# Bibliography

- [1] G. Khadse and N. Adhav, “‘comparative study of data transfers using wi-fi modules’,” *International Journal of Engineering and Technical Research (IJETR)*, 2016.