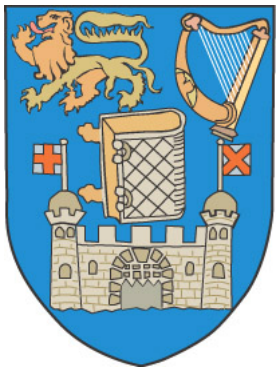
# University of Dublin



# Trinity College

## Raspberry Spi

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# Declaration

I hereby declare that this project is entirely my own work and that it has not been submitted as an exercise for a degree at this or any other university

**Ellen Burke 23rd April 2014**

# Acknowledgements

Thank you to everyone who helped me throughout this project

# Abstract

Security systems set up in homes can be expensive and complex to set up. The cameras used can be bulky in size and therefore difficult to successfully hide. This project is to create a home security system using a Raspberry Pi and the Raspberry Pi camera module.

# Contents

# Chapter 1

# Introduction

# Chapter 2

# Design

# Chapter 3

# Implementation

# Chapter 4

# Testing

# Chapter 5

# Conclusion

The Raspberry Spi is a way to set up a home security system that is affordable, easy to hide and not complex. It can have multiple real life uses depending on the end user. Being set up on a home network allows for having full control over the system from who can access the Raspberry to the resolution of images being used. All of the Raspberry Spi code is available to download from github which allows for endless possibilities of additional extras.