|  |
| --- |
| Open Source Security |
| Security System |
| [Document subtitle] |

|  |
| --- |
| (s) Ethan Barrett  [Date] |

Contents

[Introduction to the System 1](#_Toc147225415)

[Control Node 1](#_Toc147225416)

[Application 1](#_Toc147225417)

[Communication System 1](#_Toc147225418)

# Introduction to the System

# Control Node

# Application

This section of the documentation describes the purpose of Application. The Application (“App”), is a fundamental part of the distributed system, providing a crucial way of monitoring and controlling the security system from a remote location. The App is split into three main sections: Dashboard, New Nodes, and Information.

## Dashboard

A screenshot of a computer

Description automatically generated

<Figure Caption>

The above figure demonstrates the overview that is seen on the dashboard. The main component of this page is the table which displays if the node is active, the Node Name, addresses and if the Node Alarm is active. The Update button allows the consumer to effectively update the node list to check if there are any changes to the node, the list will only update automatically when the Node alarm changes from “Neutral” to “Active”.

## New Nodes

A screenshot of a computer

Description automatically generated

<Figure Caption>

This section works by entering the details of the node, and then submitting them, to create the node, deleting them, to delete the node, or Update node, to update the node. How this works is explained in more detail in the communication system section of this documentation.

# Communication System

This section of the project is not easily seen when viewing the security system, it is effectively the middleware of the project, this is because it is found on all of the devices but is not easily seen when looked at.

# Jewelry Box Node

# Safe Node

# Testing and Critical Reflections