

Technical Report Title

Your Name

March 9, 2025

Contents

1	Description of Project	2
1.1	Project Idea	2
2	Likely Marketing Efforts	3
2.1	Target Audience	3
2.2	Cost Expectations	3
3	Technical Details / Technical Research	4
4	Defined Goals / MVP	5
5	Testing to be Performed	6
5.1	Test Suite	6
6	Summary of Proposal	7
7	Timeline and Budget	8
7.1	Timeline	8
7.2	Budget Estimates	8

Chapter 1

Description of Project

1.1 Project Idea

This project is about cameras and AI!

Chapter 2

Likely Marketing Efforts

2.1 Target Audience

Testing Testing Testing

2.2 Cost Expectations

Testing Testing Testing

Chapter 3

Technical Details / Technical Research

Testing Testing Testing

Department Director - 180k-200k/yr

Software Team:

Business analyst/scrum master - 115k-130k/yr

Software Dev Lead Team 1: Senior dev - 110k-160k/yr Junior dev - 75k-90k/yr Junior dev - 75k-90k/yr

Team 2: Senior dev - 110k-160k/yr Junior dev - 75k-90k/yr Junior dev - 75k-90k/yr

Systems Team:

Systems Administrator - 68k-120k/yr

Network and Security Lead - 120k-140/yr Network and Security Specialist - 100k-120k/yr

Helpdesk Lead/External liaison - 50k-60k/yr Helpdesk Specialist - 30k-40k/yr

Helpdesk Specialist - 30k-40k/yr Helpdesk Specialist - 30k-40k/yr

Chapter 4

Defined Goals / MVP

The end product is a home security system and hardware solution that we offer install services for. The package to the user will be home base station that has a POE switch, and varying IP cameras to connect to it. The storage for the system will be through AWS and there will be a web interface to access the recorded feeds. The monetization is through a hardware and install fee, and a monthly subscription fee for the AWS storage and web interface.

Chapter 5

Testing to be Performed

5.1 Test Suite

Testing Testing Testing

Chapter 6

Summary of Proposal

Testing Testing Testing

Chapter 7

Timeline and Budget

7.1 Timeline

7.2 Budget Estimates

Item	Cost
Hardware	Each unit with the average number of cameras (4), cabling, and the computers \$1,200,0
Software	\$0 AWS bills to the customer for storage and interface.
Licensing	\$200 electrical contractor licenses for 3 installers. \$600
Human Resources	\$60,000 for the year.
Developer Labor	\$ for the year.
Total	\$

Bibliography

[1] Author, *Title*, Journal, Year.

[2] Author, *Title*, Journal, Year.