

Technical Report Title

Your Name

March 9, 2025

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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—140k/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.