

# Nerf Firing Milestone Report

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## I. INTRODUCTION

THE short paragraph that is supposed to describe project vision and content. Highlight differences we've made since the project charter.

## II. PROJECT REQUIREMENTS

Based off concerns in the presentation, list out explicit minimum requirements.

## III. SYSTEM COMPONENTS

Description of the various components (see next sections) + figure showing how they connect.

## IV. NERF GUN TURRET

Updates on the NERF gun and the turret + figure showing the nerf gun

## V. FACE RECOGNITION

Updates on camera control + figure showing it working (Mention no server connection yet).

## VI. CONTROLLER

Updates on the controller for the turret + figure showing state diagram

## VII. COMMUNICATION

Updates on various types of communication methods between camera + controller.

## VIII. FUTURE PLANS

Future stuff

## REFERENCES

- [1] J. F. Shackelford, *Introduction to Materials Science for Engineers*, 8th ed. Pearson Higher Education, Inc., 2015.