1. Abstract (Executive Summary)
2. Summary of contents of the report
3. Outline results and conclusion
4. Table of Contents
5. Introduction
6. Importance of the work
7. Limitations of existing solutions
8. Proposed solution to overcome limitations
9. Detailed description of the designs considered
10. Software/Algorithm side (comparison of various detection models, pros and cons of each)
11. Hardware Design (current popular structure of hardware accelerators, possible structure layout)
12. Updated Gannt Chart with completed tasks
13. Detailed description and outcome of tasks completed
14. Understanding YOLO
15. Learning PyTorch
16. Research about Hardware accelerator designs (especially for convolutional layers)
17. Look up pretrained models for YOLOv3 (and SlimYOLO is possible)
18. Start software implementation
19. Appendix
20. Meeting logs