

# Introduction

- Introduce the project (3 levels)
  - Project description
    - Objectives
  - Motivation
  - Brief Ethics
  - What I learned during the project
  - Professional Considerations
  - Project Scope
    - Assumptions
- Covid-19

# Problem Description

- What is the Problem being solved
  - What are the Focuses?
  - Does it build on anything
  - Has it been done before
  - Who cares if it's solved
  - Why is it worthwhile / interesting
  - What does the reader / examiner need to know / understand
- Network Classes
  - CIDR

# Background Research

- What other projects exist
  - How do they work
  - What methods do they use
  - What Pros and cons are there to these existing methods
- What does your project do (does it do anything differently?)
- Design Choices (Talked about later)
- Thales – real time crowd management
- Situate Project
- Computer Vision
- LIDAR

# Project Ethics

- Laws and guidelines
  - What are these laws /guidelines
  - What about the project is affected
- Sussex (code of ethics)
- BCS
- Your Solutions to Ethical Problems
- BCS
- Privacy Considerations

# Design and Project Management

- Generate designs on how the project will work
- Diagrams
  - Low Level
  - Mid-Level
  - High Level
- Mock version
- UI example
- Kanban
- Source control
- Backups

# Implementation

- Prototypes
- Different Ways of doing things?
- What did happen vs what could have

# Limitations

- What Limitations are there
- What did you do about them
- What does your project do vs how did you Invision it to do things
- Unknowable topology
- Network range classes
- Vendor MAC rotations

# Testing

- How did you test it
- What data did you test it on
- How did you get this data
- What different ways could be good to test it



# Evaluation

- Explain the problem
- Explain the solution
- Explain why it matters
- Why is this solution best
- What other things could be done Better
- How well does it work
- Does it work in the desired way

# Conclusions

- What design choices were made along the way
- Why was it difficult
- What was the cleverest part?
- What did you discover / learn