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
- 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
- Why use different methods
- What Pros and cons are there to these existing projects
- What does your project do (differently)
- Design Choices (Talked about later)

- Thales – real time crowd management
- Situate Project
- Computer Vision
- LIDAR

Project Ethics

- Laws
- Sussex (code of ethics)
- 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