

Table of Contents: List of contents, including tables and figures, with page numbers.

Introduction: The introduction provides the reader with an overview of the project. A good introduction will inform the reader what the project is about without assuming any specialist knowledge and without detail that may obscure the overview. The reader is assumed to be knowledgeable but not necessarily an expert in the field of the project. The introduction should anticipate and combine main points described in more detail in the rest of the report.

The Introduction contains:

- the aims of the project;
- the scope of the project;
- the approach used in carrying out the project;
- assumptions, if any, on which the work is based.

Background The purpose of the background is to provide the reader with the information that they may not know but which they will need in order to fully understand and appreciate the rest of the report.

The following is an indicative list of items that should be included in the background section:

- the context of the project; background information on technologies utilized in the work;
- the anticipated benefits of the system;
- typical users of the project product;
- any theory associated with the project;
- the analytics methods/theories/algorithms used;
- any relevant/similar existing software/hardware.

Technical description of the Proof of Concept

This section should detail all technical details on the work and how the technologies have been combined to formulate a proof of concept system. The student should discuss the implementation details here. It includes software and version of software used. Any algorithm developed during this process may be discussed. Any coding snippets can be discussed. This section should also include the tools, techniques and algorithms used with proper justification. Please note, full code should be included in appendix not in this section.

Project Testing and Evaluation: It may include product verification according to the spec and unit testing, etc. Any weaknesses should be discussed. A review of status of the project in terms of the proposed goals and project plan. An important section in this section is the critical evaluation of the

final project, where the student demonstrates the ability to critically evaluate the work done, the shortcomings in the project and so on. Objectivity is important when writing this section.

Demonstration of Proof of Concept: Ability to illustrate and demonstrate how the artefact will work and key features it will have. (This has to be done by means of slides, screenshots, mock---up, diagrams, models, sample code, prototype of working software, etc.)

References and Bibliography

Harvard referencing style.

Appendices Note:

Well--documented code listings should be included in an appendix, not in the main body of the report.