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CMP6200/DIG6200

Individual Undergraduate Project 2024–2025

**A2: Literature Review and Methods**

Your Project Title

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Course:

Student Name:

Student Number:

Supervisor Name:

**Overall Note**

**Guidance Sections**: All guidance text is placed in green boxes like this one. Please ensure that you **remove these sections** before submitting your final document.

**Template Usage**: This document serves as a **general template** designed for common final year project purposes.

**Customisation**: It is crucial to tailor this template to fit the specific needs of your individual project. Discuss the structure and content with your **supervisor** to ensure it aligns with your project's unique requirements.

**Assessment Criteria**: Please refer to the marking criteria outlined in the **assessment brief** for more detailed information on how your literature review will be evaluated. You do **NOT need** to include all sections to pass this assessment.

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# Report Introduction

Here you will state what the report is about. This is about the literature review, **NOT** the project as a whole. Do not begin with ‘This project…’ but rather, ‘This report…’. Provide context, similar to the proposal rationale, in that you will say what you intend to do and why. Provide a clear structure of your report. This should not be very long and should provide a roadmap of what is included in the remainder of the report.

## Aim and Objectives

Update your aim and objectives of the project with modifications generated from the feedback as provided by your supervisor. List objectives with modifications if applicable and agreed with your supervisor. Objectives should be SMART and together meet the overall aim of the project. Objectives do not relate to the academic processes of the module, but to the problem or area of investigation.

## Literature Search Methodology

Provide an updated list of the search terms used in the literature review, including the various topics and themes your project covers, and library databases used.

# Literature Review

This is an organised, critical report detailing the various sources of applicable research around relevant topics. Note that this is an indicative example of the report structure that should be used. Refer to the Project Handbook (p. 18–20) and **tutorials in weeks 4–7 for an explanation of content to be included**. This should be discussed with your supervisor well in advance, as subject areas may have different approaches that are not in line with the one presented here. The literature review should be **approximately 1500 - 2000 words**.

## Themes

Discuss what areas (i.e., themes) need to be explored and why. **Typically, there will be around 5 or 6 themes required**. You may refer to a mind map in the Appendix showing themes if it helps (but this is not necessary). State the keywords used, which are associated with each theme. Example phrasing: ‘A thematic approach has been undertaken to identify the areas that need to be understood to develop the artefact. From this, a number of keywords for each have been used to obtain information from the literature’. List your themes and give example keywords. Note that one of the themes to consider in the literature review is how other researchers approach the topic of evaluation.

## Review of Literature

This subsection will comprise the main body of the literature review. It will contain a historical overview of the literature relevant to each theme in your project. Relational information about each reference will be presented to provide context for various sources (i.e., brief description of important aspect(s) of each source) and a system of categorisation of topics (i.e., modes of interpreting sources) will be used to separate sources into different classes. This can either be written as one subsection for each theme or as two subsections (i.e., Review and Theory) for each theme as below. If one subsection is used, the information in the Review and Theory sections below must be woven together for each theme discussed. This means you will have one subsection for each theme. This will be determined through discussion with your supervisor.

### Review

Should be who did what and why for each theme. While this is a critique, it is NOT your opinion on research undertaken by other researchers. It must include many citations for each theme (**at least 8** references **for each theme**) and a useful ordering of information is based a timeline in years. This is NOT a description of a paper or article in a list format.

### Theory

Details of how things work. This is very different from the Review, which provides cursory links between research. It should include design methods (e.g., equations, algorithms) that will be used and so on. There is no need to start from basics (e.g., V=IR, syntax error) as the reader will have some knowledge.

## Summary

Provide an overview of the topics discussed and information presented. Given this information that you have read, what conclusions may be drawn from this? How does this lead into the choices made going into the following section?

# Appendix

The appendix should not include material available from books or datasheets but be useful additional material such as your Gantt chart or tables of results/graphs/drawings/plates that did not go into the main body of the report. Make sure anything in the Appendix is referred to in the main body of the report.

## Gantt Chart

Provide your Gantt chart here. Ensure that it is readable and does not overrun the page. Change the orientation to vertical if necessary.

# References

References use Harvard method.

# Bibliography

Bibliography uses Harvard method.