

# A L<sup>A</sup>T<sub>E</sub>X Project Report Template

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PROJECT REPORT

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## Executive Summary

The typesetting software  $\text{\LaTeX}$  offers many advantages for the preparation of project reports. It produces beautifully typeset output, elegantly handles equations and cross references and helps maintain consistent formatting. Sadly few undergraduate students are familiar with this software.

This template report has been developed to provide an accessible starting point for students who would like to use  $\text{\LaTeX}$  for their project report. The source document is available on-line [3] and is annotated with comments and instructions.

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# 1 Introduction

This document has been written to help you use  $\text{\LaTeX}$  to prepare your project report. The source document `ProjectReportTemplate.tex` is available on-line [3] and contains comments and examples to help you with basic formatting. Before diving straight in you may want to check the document ‘Getting Started with  $\text{\LaTeX}$ ’ [4] which gives instructions on how to run  $\text{\LaTeX}$  on the PCs in the School of Electrical & Electronic Engineering.

This document also contains some examples as to how you can structure your project report and what it may contain. However you should note that your report must be in accordance with the guidelines published on the subject web page [2]. Where the information in this template contradicts the subject guidelines you should follow the guidelines.

The following sections demonstrate one possible structure for your report. Appendix ?? provides some tips for formatting your report as well as some examples of how to do this in  $\text{\LaTeX}$ .

## 1.1 Motivation

Describe the reasons why the project is interesting or important.

## 1.2 Previous Studies

Survey other published work on this problem.

## 1.3 Objectives

Summarise the aims of the project.

# 2 Theory

Describe the theory underpinning the project if appropriate.

## 3 Experiments

Describe the experiments you designed for your project if appropriate.

## 4 Results

Collate and present the data you collected.

## 5 Conclusions

Interpret your results to draw conclusions.

### 5.1 Future Work

Pose open questions and suggest how the project can be built upon.

## A Appendix: Source Code

Present supplementary material in the appendices.

## References

- [1] Tobias Oetiker, Hubert Partl, Irene Hyna and Elisabeth Schlegl, “The Not So Short Introduction to L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>,” distributed with L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>, Version 3.13, 23 February 2000.
- [2] C. A. Green, “Honours and Design Project Work: Guide to Preparation of Final Year Project Reports,” available at [https://www.eleceng.adelaide.edu.au/INFO\\_UG/4039/documents/finalreport.pdf](https://www.eleceng.adelaide.edu.au/INFO_UG/4039/documents/finalreport.pdf), February 2004.

- [3] B. J. Phillips and S. P. Mickan, “A L<sup>A</sup>T<sub>E</sub>X Project Report Template,” available at <http://www.eleceng.adelaide.edu.au/personal/phillips>, June 2004.
- [4] B. J. Phillips “Getting Started with L<sup>A</sup>T<sub>E</sub>X,” available at <http://www.eleceng.adelaide.edu.au/personal/phillips>, June 2004.
- [5] M. Shagger, *Reflexive Perspectives on Post-Modern Verbosity*, 3rd ed., Addison-Hall, 1969.
- [6] A. Dubious, “Its in the Numbers Baby,” *Transactions on Everything*, vol. 9, no. 4, pp. 42-749, Dec. 1984.

## Glossary and Symbols

**Discursive Viscosity:** The average number of jargon terms per paragraph.

**RNS:** Residue Number System

**T<sub>LA</sub>:** Three Letter Acronym

$\psi$ : Discursive viscosity