My Thesis Title

My Name

My Degrees

EMPTY version

Submitted in fulfillment of the requirement for the degree of
Doctor of Philosophy

School of Information Systems
Faculty of Science
Queensland University of Technology
2024

Abstract

THIS IS MY ABSTRACT

Keywords

these, are, my, keywords

Contents

List of Figures

List of Tables

Listings

List of Symbols

For some theses with a lot of symbols, a glossary is useful.

Symbol	Meaning	Definition	Page
$\mathcal{A}$	the universe of activities	Section 2.1	3

Chapter 1

Introduction

This is a demo LaTeX template for QUT thesis work adapted from one for a TU/e Master of Science thesis. It can of course also be used for theses at other universities (be sure to use a high quality picture) and other types of theses.

The command \todo{} produces a ToDo note in the margin (and introduces some white space in the text unfortunately). They can cause also cause margin warnings, as detailed in this TeX Stack Exchange post. The warnings go away as the todos are completed and removed.

This template has gone through the full QUT thesis lifecycle in 2024. I have shared it as the format was an attractive one, and the LaTeX structure is well organized.

QUT formatting guidelines can be found at this internal QUT link.

There are some differences versus other QUT thesis templates:

- Title page doesn't include second university for joint theses

- Check line spacing (currently set to QUT minimum of 1.5)

- Requires adding Statement of Original Authorship

- Footer format differences vs example theses. (However, QUT formatting guidelines do not require a footer)

- No specific support for the Diagram and Figure format seen in some QUT theses (lefthand side, legend below), beyond normal LaTeX features and defaults

Note that "There are many factors which influence how the thesis is formatted, such as thesis type, discipline, and referencing style. The QUT Requirements for Presenting a Thesis do not specify any particular thesis format style, other than stating that the line spacing of the main text should be at least 1.5. Students can design their own thesis document format style or modify an existing style, providing it complies with these basic QUT Requirements." (QUT Thesis Preparation Resources Guide, as at 6 July 2023).

This template is made available publicly on github at `https://github.com/adamburkegh/QUT-PhD-Formal-IS-Thesis-Template`. Patches are very welcome. If you improve it, please do share.

Chapter 2

Preliminaries

A preliminaries chapter lays out formal definitions from existing literature used throughout the text.

This template has been used to publish the thesis of Buijs [1] and is originally used for the thesis of Nugteren [2].

One of the best resources for LaTeX basics, and advanced constructs, is the LaTeX wikibook[1]. Of course colleagues and a good internet search using your favorite search engine can do wonders if you're stuck.

Below is an example section and definition, to show how the glossary works.

2.1   Activities and Languages

An activity is an identifiable thing that happens in a process.

Definition 1 (Activities and Traces). *Let A be a set of activities in a process, and A* the possible finite sequences of those activities. A trace $\sigma \in A$* is a sequence of activities.*

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[1] To be found at `http://en.wikibooks.org/wiki/LaTeX/`

Chapter 3

First Real Chapter

This is the first real chapter, this depends on your thesis structure.

Chapter 4

Second Real Chapter

And the second real chapter.

Chapter 5

Conclusions

Write your conclusions here.

Appendix A

My First Appendix

In this file (appendices/main.tex) you can add appendix chapters, just as you did in the thesis.tex file for the 'normal' chapters. You can also choose to include everything in this single file, whatever you prefer.

Bibliography

[1] J.C.A.M. Buijs. 'Mapping Data Sources to XES in a Generic Way'. MA thesis. Eindhoven University of Technology, 2010. URL: `http://www.processmining.org/_media/xesame/xesma_thesis_final.pdf` (cit. on p. 3).

[2] G.M. Nugteren. 'Process Model Simplification'. MA thesis. Eindhoven University of Technology, 2010. URL: `http://alexandria.tue.nl/extra1/afstversl/wsk-i/nugteren2010.pdf` (cit. on p. 3).