THESIS TEMPLATE

by

Stellar Student

A THESIS PROPOSAL

Presented to the Faculty of

The School of Computing at the Southern Adventist University

In Partial Fulfilment of Requirements

For the Degree of Master of Science

Major: Computer Science

Under the Supervision of Professor Anderson

Collegedale, Tennessee

August, 2014

THESIS TEMPLATE

Stellar Student, M.S.

Southern Adventist University, 2014

Adviser: Scot Anderson, Ph.D.

A simple test of using nuthesis, which demonstrates most of the options the class has.

Contents

List of Figures

List of Tables

Chapter 1

Introduction

The introduction exists to motivate the reader to read the rest of your document. It should incorporate the following elements:

- Problem Statement
- Specific project goals/requirements
- Motivation for and/or benefits of the project

1.1 The Problem Statement

Dr. Hall, we could use the information that you give your senior seminar students here.

1.2 Goals and Requirements

You should incorporate your vision of the project and delineate the elements that your project requires.

1.3 Motivation

Make sure you include motivation for your project. You should answer the question: Why is this important?

There is no reason to follow the form that I have given here. Although these things often follow in sequence, you do not need separate sections for each one.

Chapter 2

Background

Include a brief synopsis of the works built on. Clearly identify the missing elements from other project/thesis that you will create/expand/explore. This should reflect the research that you have done to date; and that research should clearly show that your chosen project/thesis meets the requirements. Summarize your knowledge with charts, tables and graphs where appropriate. To put this succinctly:

- Review of the appropriate literature
- Summary of known similar implementations of the project

Chapter 3

Proposal

The proposal chapter should include the following information:

- Description of the proposed solution/approach
- Delineation of major tasks/milestones
- Description of the expected final deliverables
- List of the software/hardware needed for completing this project and its evaluation

Chapter 4

Testing/Evaluation Plan

The testing/evaluation chapter should include the following information:

- List of target results/outcomes based on project requirements
- Description of the specific measure, target value, and testing plan that will be used to assess attainment for each target result
- Description of the method of evaluating the success of the project

Chapter 5

Conclusion

The conclusion summarizes your proposal as follows:

- Summary of the problem statement and project goals
- Summary of the proposed solution and expected outcomes/deliverables

Appendix A

Some Tables and Figures

First	Last
Ned	Hummel
Ned	Hummel
Ned	Hummel

Table A.1: Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus, Laviniaque venit litora, multum ille et terris iactatus et alto vi superum saevae memorem Iunonis ob iram

✓ Foo
✓ Foo
✓ Foo

Table A.2: Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus, Laviniaque venit litora, multum ille et terris iactatus et alto vi superum saevae memorem Iunonis ob iram

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the

Figure A.1: Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus, Laviniaque venit litora, multum ille et terris iactatus et alto vi superum saevae memorem Iunonis ob iram

1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at Hampden-Sydney College in Virginia, looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source. Lorem Ipsum comes from sections 1.10.32 and 1.10.33 of "de Finibus Bonorum et Malorum" (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of Lorem Ipsum, "Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32. [1]

Appendix B

Some Math

This is a triviality, but we include it for completeness.

$$\int_0^\infty f(x)\,dx = \begin{cases} 1 & \text{if } f = \delta, \\ 0 & \text{if } f = 0. \end{cases} \tag{B.1}$$

Here is an aligned set of equations.

$$\begin{aligned} f(x) &= f(x) \cdot 1 && \text{(B.2)} \\ &= f(x) \cdot (2 - 1) && \text{(B.3)} \\ &= f(x) && \text{(B.4)} \end{aligned}$$

The clever step is (B.3).

Appendix C

Testing, 1, 2, 3, ...

This has been a test of the thesis typesetting system. Had this been an actual thesis, this would have been preceded by an actual thesis.

Bibliography

[1] Lorum ipsum. [Online]. Available: http://www.lipsum.com/ A

[2] D. Arseneau, *The url package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=url.

[3] N. H. F. Beebe, "Nelson H. F. beebe's bibliographies page," available at: http://www.math.utah.edu/~beebe/bibliographies.html.

[4] D. Carlisle, *The color package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=color.

[5] ——, *The graphicx package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=graphicx.

[6] ——, *The keyval package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=keyval.

[7] ——, *The showkeys package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=showkeys.

[8] D. Carlisle and L. Lamport, *The ifthen package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=ifthen.

[9] P. Czoschke, *The uiucthesis package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=uiucthesis.

[10] D. Els, *The booktabs package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=booktabs.

[11] D. Gildea, *The ucthesis package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=ucthesis.

[12] D. Girou, S. Rahtz, and T. V. Zandt, *The fancyvrb package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=fancyvrb.

[13] O. of Graduate Studies University of Nebraska-Lincoln, *Electronic Dissertations*, available at: http://www.unl.edu/gradstudies/current/etd-intro.shtml.

[14] ——, *Guidebook For Preparing a Thesis or Dissertation*, available at: http://www.unl.edu/gradstudies/current/downloads/Guidebook.pdf.

[15] E. Gregorio, "Horrors in LaTeX: How to misuse LaTeX and make a *copy editor* unhappy," *TUGBoat*, vol. 26, no. 3, pp. 273–279, 2005, available at: http://www.tug.org/TUGboat/Contents/contents26-3.html.

[16] U. TeX. U. Group, "TeX Frequently Asked Questions," available at: http://www.tex.ac.uk/cgi-bin/texfaq2html.

[17] S. G. Hartke, "A survey of free math fonts for TeX and LaTeX," *The PracTeX Journal*, vol. 1, 2006, available at: http://www.tug.org/pracjourn/2006-1/hartke/.

[18] M. Kohm, *scrtime part of the KOMA-Script bundle*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=koma-script.

[19] F. Mittelbach, *The doc and shortvrb packages*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=doc.

[20] ——, *The DocScrip package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=docstrip.

[21] ——, *The varioref package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=varioref.

[22] F. Mittelbach, M. Goossens, J. Braams, D. Carlisle, C. Rowley, C. Detig, and J. Schrod, *The LaTeX Companion*, 2nd ed., ser. Tools and Techniques for Computer Typesetting. Reading, MA, USA: Addison-Wesley, 2004.

[23] B. Moses, *The listings package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=listings.

[24] L. Netherton and C. V. Radhakrishnan, *The nomencl package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=nomencl.

[25] T. Oetiker, *A (Not So) Short Introduction to LaTeX 2ε.*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=lshort-english.

[26] S. Pakin, *The comprehensive package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=comprehensive.

[27] ——, *How to package your LaTeX Package*, 2004, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=dtxtut.

[28] T. LaTeX. Project, *LaTeX 2ε for class and package writers*, 2006, available at: http://www.ctan.org/tex-archive/macros/latex/doc/.

[29] D. Puga, *The mathpazo package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=mathpazo.

[30] S. Rahtz and H. Oberdiek, *The hyperref package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=hyperref.

[31] K. Reckdahl, *The epslatex package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=epslatex.

[32] W. Robertson, "Productivity with macros and packages," *The PracTEX Journal*, vol. 3, 2006, available at: http://www.tug.org/pracjourn/2006-3/robertson/.

[33] Y. Ryu, *The pxfonts package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=pxfonts.

[34] B. Schandl, *The paralist package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=paralist.

[35] R. Schlicht, *The microtype package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=microtype.

[36] T. A. M. Society, *The amsfonts package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=amsfonts.

[37] ——, *The amsmath package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=amsmath.

[38] G. Tobin, *The setspace package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=setspace.

[39] H. Umeki, *The geometry package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=geometry.

[40] Virgil, *The Aenid*. Project Gutenberg, 1995, from Project Gutenberg at http://www.gutenberg.org/etext/227.

[41] H. Voß, *The voss-mathmode package*, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=voss-mathmode.

[42] P. Wilson, "The memoir class," *The PracTEX Journal*, vol. 3, 2006, available at: http://www.tug.org/pracjourn/2006-3/wilson/.

[43] ——, *The Memoir Class for Configurable Typesetting User Guide*, 6th ed. The Herries Press, January 2004, available at: http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=memoir.