

THE THESIS TITLE
THE THESIS TITLE LINE 2
THE THESIS TITLE LINE 3

THE AUTHOR

UNIVERSITI TEKNOLOGI MALAYSIA

Replace this page with form PSZ 19:16 (Pind. 1/07), which can be obtained from SPS or your faculty.

Replace this page with the Cooperation Declaration form, which can be obtained from SPS or your faculty.

THE THESIS TITLE
THE THESIS TITLE LINE 2
THE THESIS TITLE LINE 3

THE AUTHOR

A project report submitted in partial fulfilment of the
requirements for the award of the degree of
Your Degree

Faculty of Whatever
Universiti Teknologi Malaysia

OCTOBER 2008

I declare that this project report entitled “*The Thesis Title The Thesis Title Line 2 The Thesis Title Line 3*” is the result of my own research except as cited in the references. The project report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.

Signature	:	<hr/>
Name	:	<hr/> The Author
Date	:	<hr/> October 10, 2014

To my family, especially my wife for the nice cuppas of latte and espressos every now and then. Forget bout putting you steady. You may marry someone else. Just a waste of space.

ACKNOWLEDGEMENT

Thank supervisor(s)...

Thank sponsor...

Appreciate family...

Thank friends...

I would also like to thank the developers of the utmthesis L^AT_EX project for making the thesis writing process a lot easier for me. Thanks to them, I could focus on the content of the thesis, and not waste time with formatting issues. Those guys are awesome.

Author, Place

ABSTRACT

The abstract should be brief, written in one paragraph and not exceed 300 words. Context... First contribution... Second contribution... Third contribution... Fourth contribution... Significance... **Take note:** By default the spacing is one-half. But if the abstract is more than a page long, change to single spacing. `\singlespacing` before `\end{abstract}`

ABSTRAK

Abstract in Malay. Please check whatever relevant terms with DBP.
Follow this URL http://sbmb.dbp.gov.my/knb/cariankata/dbp_nb_carian_kata_istilah.aspx

TABLE OF CONTENTS

CHAPTER	TITLE	PAGE
	DECLARATION	ii
	DEDICATION	iii
	ACKNOWLEDGEMENT	iv
	ABSTRACT	v
	ABSTRAK	vi
	TABLE OF CONTENTS	vii
	LIST OF TABLES	ix
	LIST OF FIGURES	x
	LIST OF ABBREVIATIONS	xi
	LIST OF SYMBOLS	xii
	LIST OF APPENDICES	xiii
1	INTRODUCTION	1
	1.1 Context	1
	1.2 Problem Statement	1
	1.3 Contributions	1
	1.4 Dissertation Organization	2
2	CONTEXT, PROBLEMS, AND RELATED WORKS	3
	2.1 Whatever	3
	2.2 Motivations for Extended Research	4
3	CONTRIBUTION 1	5
	3.1 Related Work	5
	3.2 Your Proposal	5
	3.3 Chapter Summary	6
4	CONTRIBUTION 2	7

4.1	Related Work	7
4.2	My Work	7
4.3	Chapter Summary	8
5	CONTRIBUTION 3	9
5.1	Related Work	9
5.2	Mathematical Formulae	9
5.3	Chapter Summary	10
6	CONTRIBUTION 4	11
6.1	Related Work	11
6.2	Chapter Summary	11
7	CONCLUSIONS	12
7.1	Contributions	12
7.1.1	Contribution 1	12
7.1.2	Contribution 2	12
7.1.3	Contribution 3	12
7.1.4	Contribution 4	13
7.2	Directions for Future Work	13
7.2.1	Future Work 1	13
7.2.2	Future Work 2	13
7.3	Summary	13
REFERENCES		14
Appendices A – B		15 – 17

LIST OF TABLES

TABLE NO.	TITLE	PAGE
3.1	Short caption	5

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE
2.1	Structure of TCP/IP headers.	4
4.1	A short caption here.	7
A.1	Structure of TCP/IP headers	16
B.1	The amount of knowledge the general public think you have in your life.	17
B.2	How to obtain grants the correct way.	18

LIST OF ABBREVIATIONS

AJAX	–	Asynchronous Javascript and XML
CTAN	–	the Comprehensive TeX Archive Network
AVLS	–	A very long long long long long long long long long long long long long long long story
PC	–	Personal Computer
TV	–	Television
XML	–	Extensible Markup Language

You can insert an abbreviation listed here, e.g. Asynchronous Javascript and XML (AJAX) more than once, e.g. AJAX into normal text.

LIST OF SYMBOLS

λ	–	Wavelength
α	–	Second symbol description
β	–	Third symbol description
γ	–	Fourth symbol description

You can insert a symbol listed here, e.g. α into normal text.

LIST OF APPENDICES

APPENDIX	TITLE	PAGE
A	Appendix A Title	15
B	Another bunch of useless images	17

CHAPTER 1

INTRODUCTION

Introduction to the thesis

1.1 Context

Whatever you want to mention on context. Not too much, as two or three paragraphs will do.

1.2 Problem Statement

The general problem in the context that require extended works presented in this thesis. Better if each problem is explained in a paragraph. Do citation as [1]. You can just cite multiple citations such as [2, 3, 4]. Cite like so [1].

1.3 Contributions

Summary of contributions...

Contribution 1...

Contribution 2...

Contribution 3...

Contribution 4...

1.4 Dissertation Organization

This dissertation is organized as follows.

Chapter 2 reviews related works. Critical, critical review please.

Chapter 3 proposes anything. Say the good things about this contribution 1.

Chapter 4 proposes anything. Say the good things about this contribution 2.

Chapter 5 proposes anything. Say the good things about this contribution 3.

Chapter 6 proposes anything. Say the good things about this contribution 4.

Chapter 7 summarizes the thesis, re-stating the contributions, and suggest directions for future research.

CHAPTER 2

CONTEXT, PROBLEMS, AND RELATED WORKS

This chapter reviews related works to contexts and problems. Give chapter organization if necessary (or its too long)

2.1 Whatever

Whatever technique you need here...

- (a) Item 1
- (b) Item 2 [2].

$$y_i = \sum_{j=1}^N i \frac{z^3}{y+z} \quad (2.1)$$

$$\mathbf{x} = \{x_1, x_2, \dots, x_m\} \quad (2.2a)$$

$$\approx \{\mathbf{x}_1, \mathbf{x}_2, \dots, \mathbf{x}_n\} \quad (2.2b)$$

Equation (2.2) represents whatever...

This is how you should call a figure, shown here as Figure A.1

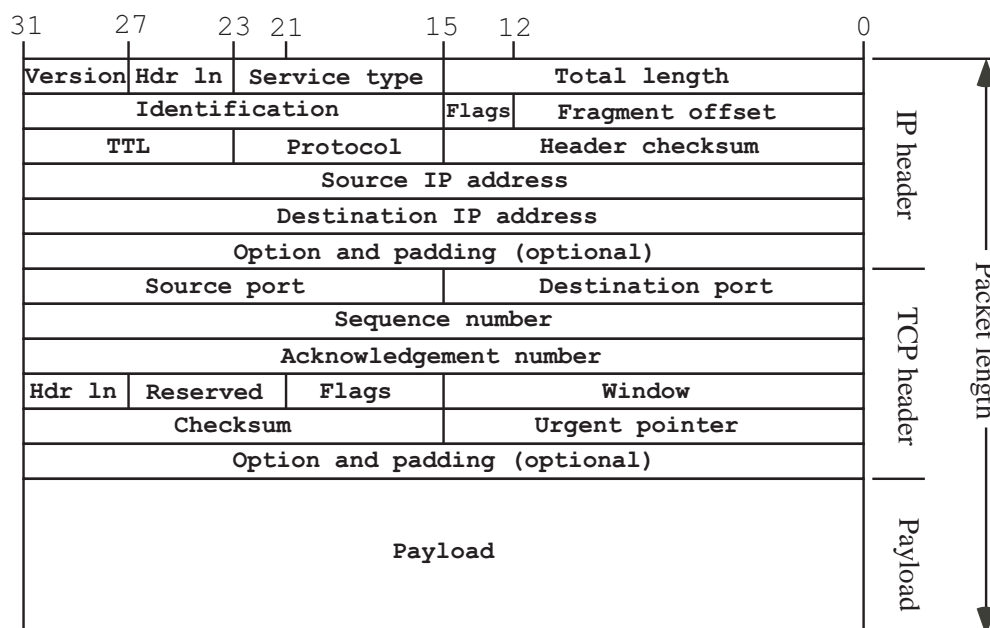


Figure 2.1: Structure of TCP/IP headers used for host routing and byte stream reconstruction.

2.2 Motivations for Extended Research

Whatever you can conclude...

Introduces next chapter if appropriate.

CHAPTER 3

CONTRIBUTION 1

This chapter is about contribution 1. Give chapter organization if necessary (or its too long)

3.1 Related Work

Just work you need to compare with your proposal

3.2 Your Proposal

Whatever technique you need here...

This is when you need a table, shown here in Table 3.1

Table 3.1: Long caption.

Class	Values				
	500	1000	2000	3000	4000
Class 1	99.9%	87.0%	64.0%	28.2%	10.2%
Class 2	100.0%	97.1%	65.6%	44.6%	17.4%

3.3 Chapter Summary

What's so good with your proposal.

Introduces next chapter if appropriate.

CHAPTER 4

CONTRIBUTION 2

This chapter is about contribution 1. Give chapter organization if necessary (or its too long)

4.1 Related Work

Just work you need to compare with your proposal

4.2 My Work

This is how my results look like, as shown in Figure 4.1. However, the trend for the one in Figure 4.1(a) differs from Figure 4.1(b) whatever...

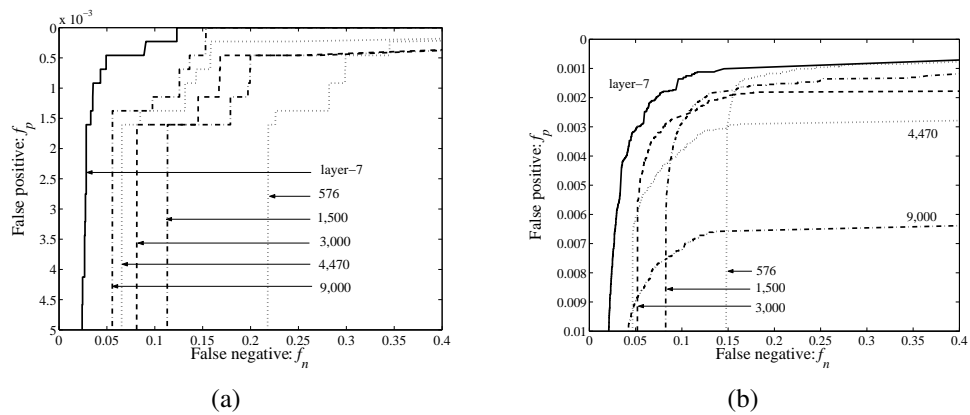


Figure 4.1: A long one here. Caption must stand alone, if possible.

4.3 Chapter Summary

What's so good with your proposal.

Introduces next chapter if appropriate.

CHAPTER 5

CONTRIBUTION 3

This chapter is about contribution 1. Give chapter organization if necessary (or its too long)

5.1 Related Work

Just work you need to compare with your proposal

5.2 Mathematical Formulae

\TeX is good at typesetting mathematical formulas like $\sum x - 3y = 7$ or $y_{i+1} = x_i^{2n} - \sqrt{5}x_i^n + 1$.

Mathematical formulas may also displayed as such

$$x_{i+1} = N^{i+1}(x_0) = N(x_i) = x_i - \frac{f(x_i)}{f'(x_i)}$$

$$a^n + b^n \neq c^n \quad \text{for } n > 2 \quad (\text{see proof in margin}) \quad (5.1)$$

$$\int_0^{\infty} e^{-x^2} dx = e^{-(\int_0^{\infty} x dx)^2} \quad (5.2)$$

$$= e^{-\infty} \quad (5.3)$$

$$= 0.38 - 1.7i$$

$$\frac{\partial u}{\partial t} + \nabla^4 u + \nabla^2 u + \frac{1}{2} |\nabla u|^2 = c^2$$

$$\Psi = \frac{d}{d\phi} \begin{bmatrix} \phi_2 \\ \phi_3 \\ 1 - \phi_2 - \phi_1^2/2 \end{bmatrix} \quad \Theta = \begin{bmatrix} 0 & 1 & 0 \\ (-\theta_1 \psi_1 - \psi_2) & 0 & \psi_3 \\ -\phi_1 & -1 & 0 \end{bmatrix} \quad (5.4)$$

$$\sum_{k=1}^n \frac{1}{k} \approx \ln k + \gamma = (\ln 10)(\log_{10} k) + \gamma$$

$$\approx 2.3026 \log_{10} k + 0.57772$$

5.3 Chapter Summary

What's so good with your proposal.

Introduces next chapter if appropriate.

CHAPTER 6

CONTRIBUTION 4

This chapter is about contribution 4. Give chapter organization if necessary (or its too long)

6.1 Related Work

Just work you need to compare with your proposal

6.2 Chapter Summary

What's so good with your proposal.

CHAPTER 7

CONCLUSIONS

Say some intro here...

7.1 Contributions

The contribution of this research work can be summarized as follow.

7.1.1 Contribution 1

For our first contribution,... This work has been published in brief in [3] and is accepted for publication in full in [2].

7.1.2 Contribution 2

For our second contribution, ...

7.1.3 Contribution 3

For our third contribution, ...

7.1.4 Contribution 4

For our fourth contribution, ...

7.2 Directions for Future Work

Put disclaimer. This research work can be extended along the following research directions.

7.2.1 Future Work 1

Whatever..

7.2.2 Future Work 2

Whatever..

7.3 Summary

This section summarizes the importance for your work.

REFERENCES

1. Lekkas, P. *Network Processors: Architectures, Protocols, and Platforms*. New York: McGraw Hill. 2003.
2. Beverly, R. and Claffy, K. Wide-area IP multicast traffic characterization. *IEEE Network*, 2003. 17(1): 8– 15.
3. Manber, U. Finding similar files in a large file system. *Proceedings of the USENIX Winter 1994 Technical Conference*. San Francisco, CA, USA. 1994. 1–10.
4. Postel, J. B. RFC821: Simple Mail Transfer Protocol, 1982. URL <http://www.ietf.org/rfc/rfc0821.txt>.

APPENDIX A

APPENDIX A TITLE

This is a sample Appendix illustrating how source code code be added in an appendix.

A.1 Standard Hello World (hello_world.c)

```
#include <stdio.h>

int main(void) {
    printf ("Hello World\n");

    return 0;
} /* main */
```

If you want to use *png*, *jpeg*, or *pdf* files as images instead, select PDFLaTeX as your compiler instead of LaTeX in your TeX editor. Latex can only compile figures that use *eps* or *ps* file formats.

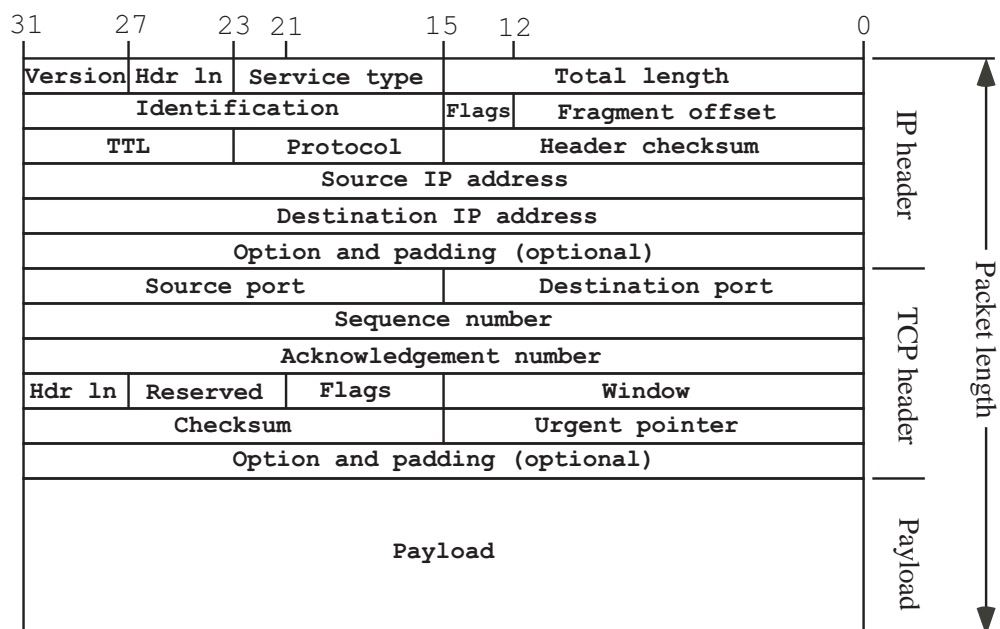


Figure A.1: Structure of TCP/IP headers used for host routing and byte stream reconstruction.

APPENDIX B

ANOTHER BUNCH OF USELESS IMAGES

This is a sample Appendix illustrating how a bunch of useless images can be added to make your thesis look thicker and appear more fantastic to your examiners.

B.1 Useful diagrams

Figure B.1 is the amount of knowledge the general public think you have in your life. Once you reach the end of the graph in your career, use the Figure B.2 to obtain grants the correct way.

Both diagrams were originally *gif* images, converted into *eps* using Inkscape. As mentioned before, if you want to use *png*, *jpeg*, or *pdf* files as images instead, select PDFLaTeX as your compiler instead of LaTeX in your TeX editor. Latex can only compile figures that use *eps* or *ps* file formats.

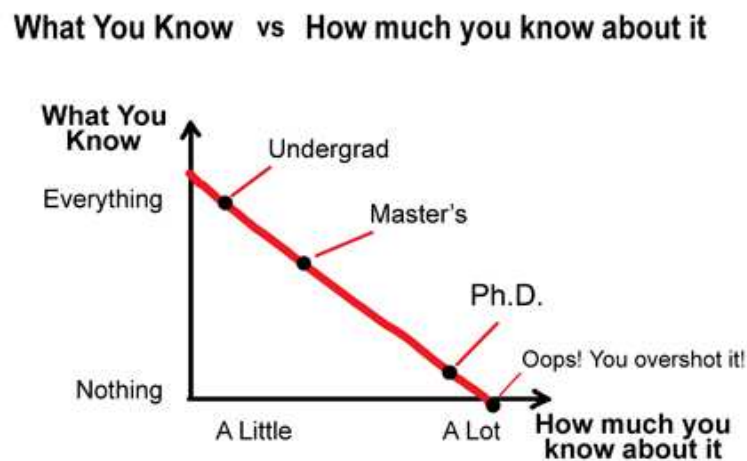


Figure B.1: The amount of knowledge the general public think you have in your life.

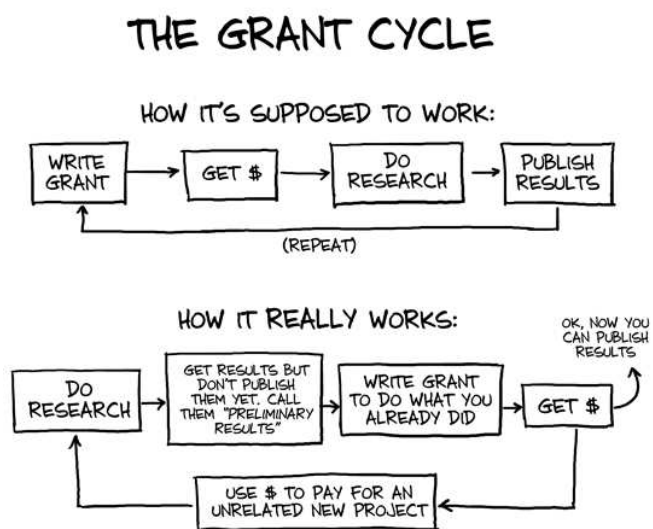


Figure B.2: How to obtain grants the correct way.