

**L<sup>A</sup>T<sub>E</sub>X THESIS TEMPLATE FOR UNIVERSITI  
PERTAHANAN NASIONAL MALAYSIA**

**MUHAMMAD SYAFIQ BIN MD. AKHIR**

**DOCTOR OF PHILOSOPHY**

**UNIVERSITY PERTAHANAN NASIONAL MALAYSIA**

**2011**



**L<sup>A</sup>T<sub>E</sub>X THESIS TEMPLATE FOR UNIVERSITI PERTAHANAN NASIONAL  
MALAYSIA**

**MUHAMMAD SYAFIQ BIN MD. AKHIR**

Thesis submitted to **Universiti Pertahanan Nasional Malaysia**, in fulfillment of the  
requirements of the Degree of Doctor of Philosophy

**October 2011**

*To my parents.*

## ABSTRACT

This is about my wonderful research.

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## **ABSTRAK**

Ini merupakan abstrak dalam Bahasa Melayu.

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platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.



## **ACKNOWLEDGEMENTS**

Thanks guys. I owe you many.

I certify that an Examination Committee has met on **25 August 2011** to conduct the final examination of **Muhammad Syafiq bin Md. Akhir** on his (or her) degree thesis entitled '**L<sup>A</sup>T<sub>E</sub>X Thesis Template for Universiti Pertahanan Nasional Malaysia**'. The committee recommends that the student be awarded the Doctor of Philosophy.

Members of the Examination Committee were as follows.

<b>Name of Chairperson, PhD</b> Professor Faculty of Mathematics Universiti Pertahanan Nasional Malaysia (Chairman)	<i>Signature</i>
<b>Name of Examiner 1, PhD</b> Associate Professor Faculty of Engineering Universiti Pertahanan Nasional Malaysia (Internal Examiner)	
<b>Name of Examiner 2, PhD</b> Faculty of Engineering Universiti Pertahanan Nasional Malaysia (Internal Examiner)	
<b>Name of External, PhD</b> Associate Professor School of Chemical Engineering Imperial College (External Examiner)	

This thesis was submitted to the Senate of Universiti Pertahanan Nasional Malaysia and has been accepted as fulfillment of the requirement for the **Doctor of Philosophy**. The members of the Supervisory Committee were as follows.

<b>Name of Chairperson, PhD</b> Associate Professor Faculty of Engineering Universiti Pertahanan Nasional Malaysia (Chairman)	<i>Signature</i>
<b>Name of Member 1, PhD</b> Ir. Faculty of Engineering Universiti Pertahanan Nasional Malaysia (Member)	
<b>Name of Member 2, PhD</b> Faculty of Engineering Universiti Pertahanan Nasional Malaysia (Member)	

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**UNIVERSITY PERTAHANAN NASIONAL MALAYSIA**

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Author's full name : \_\_\_\_\_

Date of birth : \_\_\_\_\_

Title : \_\_\_\_\_

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## **LIST OF ABBREVIATIONS**

- $\theta$  temperature degree.
- LI lexical item.
- NLP Natural Language Processing.
- POS part of speech.



## CHAPTER 1

### INTRODUCTION

So this is the preamble at the beginning of the chapter. The purpose may be to introduce the themes of the chapter and main headings.

See how inter-paragraph spacing is larger. Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

#### **1.1 First Test and I need a really long title, please do oblige me won't you? Just a few more words and yes we're there**

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**Figure 1.1** First figure. OK?



**Figure 1.2** Second figure. Now I need a long caption to test out how things look in the List of Figures. Is this long enough yet? Is it? Is it?



(a) The first subfigure



(b) The second subfigure

**Figure 1.3** An example with subfigures

### 1.1.1 Second Test

Their Audibert (2004) requirements<sup>1</sup> are really amazing<sup>2</sup> Budanitsky and Hirst (2006).

Looks like everything's working. Great. Let's talk about lexical items (LIs) and parts of speech (POS) in Natural Language Processing (NLP). I mention again

---

<sup>1</sup>See here, how weird, how to fill out an entire line. See here, how weird, how to fill out an entire line. See here, how weird, how to fill out an entire line. See here, how weird, how to fill out an entire line. See here, how weird, how to fill out an entire line.

<sup>2</sup>don't you agree?

LIs. Oh I have a symbol too, it's temperature degree ( $\theta$ ).

### 1.1.2 This is another Subsection

Remember that subsections need to be indented!

## 1.2 Yeah

And here's a long quotation, it should be an indented block and single-spaced:

Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur.

Time for some maths, and later there's a table.

$$\left[ M \frac{\partial}{\partial M} + \beta(g) \frac{\partial}{\partial g} + n\gamma \right] G^{(n)}(x_1, x_2, \dots, x_n; M, g) = 0 \quad (1.1)$$

**Table 1.1** This is a table

Hey	How's it	Going?
Fine!	Just great.	See ya!
Fine!	Just great.	See ya!

Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus.

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ante tellus, tristique ut, iaculis eu, malesuada ac, dui. Mauris nibh leo, facilisis non, adipiscing quis, ultrices a, dui.

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## CHAPTER 2

### DUMMY CHAPTER

Hello!!

Test 3

**Figure 2.1** Let's see. What have we got here?

## BIBLIOGRAPHY

- Audibert, L. (2004). Word sense disambiguation criteria: a systematic study. In *20th International Conference on Computational Linguistics (COLING 2004)* (pp. 910–916). Geneva, Switzerland: COLING.
- Budanitsky, A., & Hirst, G. (2006). Evaluating WordNet-based measures of lexical semantic relatedness. *Computational Linguistics*, 32(1), 13–47.

## **APPENDIX A**

### **MANUALS, TECHNICAL SPECIFICATIONS, DOCUMENTATIONS, EXAMPLE SCENARIOS**

## APPENDIX B

### TRY

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## **BIODATA OF STUDENT**

Put your personal biodata as required here.

## LIST OF PUBLICATIONS

- Lim, L. T. (2009). Multilingual lexicons for machine translation. In *Proceedings of the 11th International Conference on Information Integration and Web-based Applications & Services (iiWAS2009) Master and Doctoral Colloquium (MDC)* (pp. 732–736). Kuala Lumpur, Malaysia.