



**A New L<sup>A</sup>T<sub>E</sub>X Template for Writing UniMAP Theses,  
Dissertations, Reports and Proposals Designed in 2021  
(Max 15 words)**

by

**Your Own Name  
(000-00-0000)**

A thesis submitted in fulfillment of the requirements for the degree of  
Doctor of Philosophy

**Faculty of XXXX Engineering Technology  
UNIVERSITI MALAYSIA PERLIS**

20XX

**UNIVERSITI MALAYSIA PERLIS**

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## LIST OF ABBREVIATIONS

APM	Airborne particulate matter
BBB	blood-brain barrier
BMU	Best Matching Unit
CMB	Chemical Mass Balance
CPCA	Consensus PCA
CSI	Class Separation Indices
CSM	Class Sample Matrix
CSV	Class Sample Vector
CWM	Class Weight Matrix
CWV	Class Weight Vector
EDC	Euclidean Distance to Centroids



## LIST OF SYMBOLS

<b>A</b>	Number of PLS or PCA components in the model
<b>a</b>	Number of the PLS or PCA component
<b>b</b>	PLS regression coefficient
<b>b</b>	Number of blocks ( $b=1, 2, 3, \dots, K$ )
<b>C</b>	Coarse APM block
<b><math>C_p</math></b>	Pooled covariance matrix for the two classes

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UniMAP 2021 (Maksimum 15 patah perkataan)**

**ABSTRAK**

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**ABSTRACT**

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## CHAPTER 1 : INTRODUCTION

### 1.1 The problem

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Please also note that the following packages need not (should not) be loaded in you preamble, as `memoir` and `unimapthesis` already provides similar commands and functionalities:

`abstract`, `amsmath`, `amssymb`, `appendix`, `babel`, `biblatex`, `biblatex-apa`, `booktabs`, `caption`, `ccaption`, `chngcntr`, `chngpage`, `csquotes`, `enumerate`, `enumitem`, `epigraph`, `framed`, `graphicx`, `hyperref`, `ifmtarg`, `index`, `makeidx`, `microtype`, `moreverb`, `needspace`, `newfile`, `nextpage`, `newtxtext`, `parskip`, `patchcmd`, `quoting`, `setspace`, `shortvrb`, `showidx`, `siunitx`, `subcaption`, `subfigure`, `subfig`, `stix2`, `titleref`, `titling`, `tocbibind`, `tocloft`, `verbatim`, `verse`.

**Do not load these packages nor any other packages related to BibTeX: `natbib`, `cite`, `tocbibind`, `multibib`, `chapterbib`, etc.**

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To add items to your List of Publications, use the `\nocite{...}` command to ‘cite’ them in the `refsection` environment. If compiling on a local installation, check if your editor has a compile option using `latexmk` or `texify`; this should then automatically run all compiling steps needed to generate the List of Publications in the output PDF. If not, you’ll have to run the following steps yourself:

```
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pdflatex main
pdflatex main
```

Note that `main` is whatever your `.tex` containing the `\documentclassunimapthesis` is named.

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1. What is the problem? Are you sure you've considered all aspects of the background?
2. Why should it be solved?
3. What do you propose?
4. How is it better?

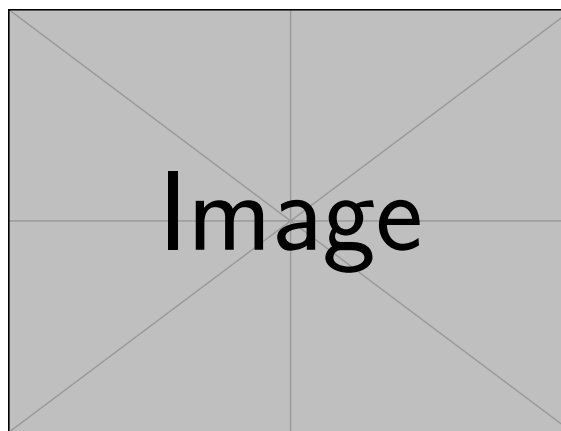


Figure 1.1: This is a short caption.

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$$y = mx + c \tag{1.1}$$

see? The text after the equation is therefore *not indented*. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

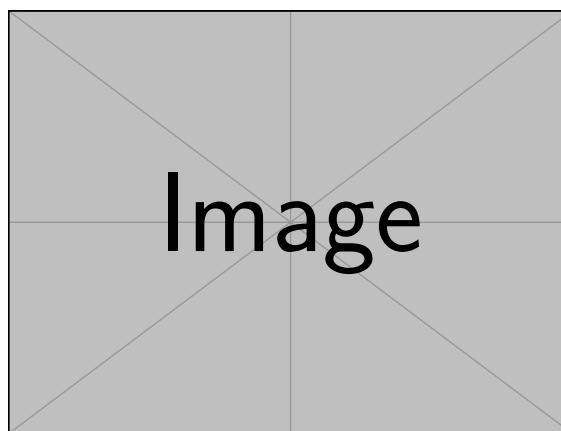


Figure 1.2: This is a short caption. But often we need to include some long long description, if only to make things complicated

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*Not all who wander is lost.*

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Table 1.1: Sample table. Put table captions before the tabular. the `siunitx` package is loaded automatically so you can use the `S` column type to automatically align a column of numbers with decimal points.

AAA	BB	CCC
1234	34	-0.487
381	34	0.2

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## 1.2 Another section

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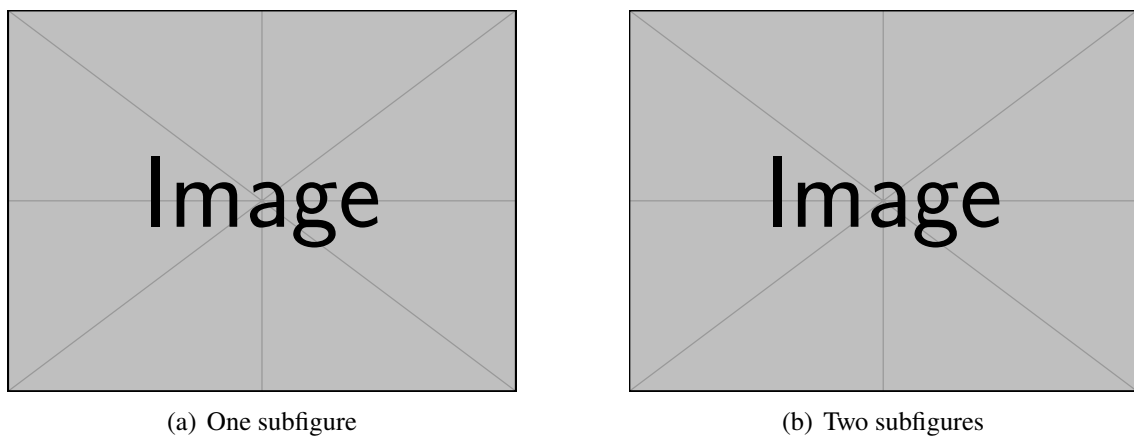


Figure 1.3: A demo of subfigures

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### **1.2.1 Third level heading**

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#### **1.2.1.1 Fourth level heading**

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## **CHAPTER 2 : LITERATURE REVIEW**

### **2.1 Introduction**

All reviews from the previous findings related to the research are discussed in searching for the relevance and significance.

#### **2.1.1 Third level heading**

##### **2.1.1.1 Fourth level heading**

## **CHAPTER 3 : RESEARCH METHODOLOGY**

### **3.1 Introduction**

All relevant experimental, descriptive, theoretical and analytical techniques used in the research should be outlined, such that another researcher could repeat the study. Reference of methods to other research should be made where appropriate.

## **CHAPTER 4 : RESULTS AND DISCUSSION**

### **4.1 Introduction**

This section includes the analysis and presentation of data. The results should be interpreted and summarized.

## **CHAPTER 5 : CONCLUSION**

### **5.1 Introduction**

Provides the context in which to interpret the results of the study, stressing the significance, implications and limitations of the findings. The section should relate to the initially set out objectives spelled out in the beginning of the thesis.

## REFERENCES

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

## **APPENDIX A SAMPLE APPENDIX 1**

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## **APPENDIX B**

### **SAMPLE APPENDIX 2**

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## LIST OF PUBLICATIONS

- Lim, L. T. (2009). Multilingual lexicons for machine translation. *Proceedings of the 11th International Conference on Information Integration and Web-based Applications & Services (iiWAS2009) Master and Doctoral Colloquium (MDC)*, 732–736.
- Lim, L. T., Ranaivo-Malançon, B., & Tang, E. K. (2011a). Low cost construction of a multilingual lexicon from bilingual lists. *Polibits*, 43, 45–51. [http://polibits.gelbukh.com/2011\\_43/43-06.htm](http://polibits.gelbukh.com/2011_43/43-06.htm)
- Lim, L. T., Ranaivo-Malançon, B., & Tang, E. K. (2011b). Symbiosis between a multilingual lexicon and translation example banks. *Procedia: Social and Behavioral Sciences*, 27, 61–69. <https://doi.org/10.1016/j.sbspro.2011.10.583>