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BY

CHUNG BOON KUAN

B.Eng. (Hons), University of Malaya, Malaysia

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REQUIREMENT FOR THE DEGREE OF

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MALAYSIA

January 2023

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I hereby declare that the work has been done by myself and no portion of the work contained in this Thesis has been submitted in support of any application for any other degree or qualification of this or any other university or institution of learning.

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Faculty of Information Science & Technology

Multimedia University

Date:

ACKNOWLEDGEMENT

I would like to thank everyone who had contributed to the successful completion of this project. I would like to express my gratitude to my supervisor, Prof. Dr. XXXXX for his invaluable advice, guidance and his enormous patience throughout the development of the research.

In addition, I would also like to express my gratitude to my loving parent and friends who had helped and given me encouragement

ABSTRACT

File Transfer Protocol (FTP) is the simplest and most universal technique of exchanging files over the Internet. As the technology today is moving forward at an exponential rate, file transaction over the Internet has become a common trend. Thus, FTP not only played an important role, but also acts as an electronic library over the network. Nevertheless, FTPs nowadays confronted with several problems that ought to be enhanced further for improvement. Even though there are solutions available for these problems, but none of them offered economical or low budget software in the market. Consequently, this gives the encouragement to come out with an alternative solution that not only provides cost efficiency, but also input/output efficiency

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LIST OF ABBREVIATIONS/ SYMBOLS

A Aeroplane

B Boy

EOQ Economic Order Quantity

FIST Faculty of Information Science and Technology

FYP Final Year Project

MMU Multimedia University

*Ω* Omega 3

*m* Mean

*s*2 Variance

*K* Setup cost

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#  INTRODUCTION

### Overview

To learn how to use Microsoft Word, please visit <http://office.microsoft.com/en-us/word-help>.

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

A new paragraph should not begin on the last line of a page. A subsection title should not begin on the last line of a page. A new chapter must start on a new page.

Text typed 1.5 spaced, double-spaced between entries/paragraphs. Spacing between last line of text and the next subsection title is 4.5 lines.

### Problem Statement

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

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### Project Objectives

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

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The objectives can be written in point form, as shown below:

* To study…
* To develop…
* To make recommendation…

### Project Scope

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

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### More Subsection Title

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

#### More Subsections Title

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### Report Organisation

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#  LITERATURE REVIEW

### Subsection Title 1

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### Subsection Title 2

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

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**Table 2.1: Contrast between Platform A, B and C**

|  |  |
| --- | --- |
| **Platform** | **Comparison** |
| **1** | **2** | **3** | **4** | **5** |
| **A** | EOQ |  |  |  | A |
| **B** |  | *Ω* |  |  | B |
| **C** |  |  |  | *K* |  |

### Subsection Title 3

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

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#### Sub-subsection Title 1

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#  TITLE 3

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### Subsection Title 2

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| **A** |  |  |  |  |  |
| **B** |  |  |  |  |  |
| **C** |  |  |  |  |  |

Spacing between the equation and first line of text is 1.5 lines. Equation should be centred, but its numbering should align with right margin.

 $J\left(w\right)= \frac{|m\_{1}-m\_{2}|^{2}}{s\_{1}^{2}+s\_{2}^{2}}$ (3.1)

where *m* represents a mean, *s*2 represents a variance, and the subscripts denote the two classes.

### Subsection Title 3

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Spacing between the figure and first line of text is 3.0 lines. Figure’s caption must **below** the figure. Subsequence paragraphs should be indented 1.27 cm (0.5 inch) from the left margin. Refer Figure 3.1.



**Figure 3.1: Enrollment Process**

#  TITLE 4

### Subsection Title 1

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### Subsection Title 2

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**Table 4.1: Contrast between Platform A, B and C**

|  |  |
| --- | --- |
| **Platform** | **Comparison** |
| **1** | **2** | **3** | **4** | **5** |
| **A** |  |  |  |  |  |
| **B** |  |  |  |  |  |
| **C** |  |  |  |  |  |

### Subsection Title 3

Spacing between title of subsection and first line of text is 1.5 lines. Each paragraph should be indented one tab (1.27 cm or 0.5 inch) from the left margin. General alignment for texts in paragraph should be “justified”.

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**Figure 4.1: Enrolment Process**

#  TITLE 5

### Subsection Title 1

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### Subsection Title 2

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**Table 5.1: Contrast between Platform A, B and C**

|  |  |
| --- | --- |
| **Platform** | **Comparison** |
| **1** | **2** | **3** | **4** | **5** |
| **A** |  |  |  |  |  |
| **B** |  |  |  |  |  |
| **C** |  |  |  |  |  |

### Subsection Title 3

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**Figure 5.1: Enrolment Process**

#  CONCLUSION

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APPENDICES

**Appendix A: XXX**

**Appendix B: XXX**

REFERENCES

Adini, Y., Moses, Y., & Ulman, S. (1997). Face Recognition: The Problem of Compensating for Changes in Illumination Direction. *IEEE Transaction on Pattern Analysis and Machine Intelligence*, (pp. 721-732).

Goh, M., Connie, T., & Teoh, A. (2010a). An Innovative Contactless Palm Print and Knuckle Print Recognition System. *Pattern Recognition Letter* , 1708-1719.

LIST OF PUBLICATIONS

**Journals**

[1] Adini, Y., Moses, Y., & Ulman, S. (1997). Face Recognition: The Problem of Compensating for Changes in Illumination Direction. *IEEE Transaction on Pattern Analysis and Machine Intelligence*, (pp. 721-732).

**Conference**

[1] Goh, M., Connie, T., & Teoh, A. (2010a). An Innovative Contactless Palm Print and Knuckle Print Recognition System. *Pattern Recognition Letter* , 1708-1719.

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THESIS TITLE

BY

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MASTER OF ENGINEERING SCIENCE

(By Research)

in the

Faculty of Engineering

January 2023