MULTI- SYSTEM

BY

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Submitted in partial fulfillment of the requirements for the degree of

BSc Honors Computer Systems Engineering

Department of Computer Science

In the

Faculty of Science and Technology

At the

Midlands State University

Gweru

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Supervisor: **Mr. Sora**

ABSTRACT

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DECLARATION

I, **xxxxxxxxxxxxxxxxxx,** do hereby declare that I am the sole author of the dissertation. I authorize **Midlands State University** to publish this dissertation to other institutions or individuals for the purpose of scholarly research.

Signature…………………………………………   Date……………………..

APPROVAL

This dissertation entitled **"MULTI- SYSTEM"** by **xxxxxxxx** meets the regulations governing the award of the degree of **BSc Honours Computer Systems Engineering** of the **Midlands State University**, and is approved for its contribution to knowledge and literary presentation.

Supervisor's signature……………………………..   Date………………….

ACKNOWLEDGEMENTS

DEDICATION

Documentation Style

There are two ways that you can use to present your sub headings

1) **Bold ONLY**

2) <u>Underline ONLY</u>

A graduate is supposed to choose ONE way of presenting sub headings. The style must be consistent throughout the Documentation document. Each Main heading MUST start on a fresh page and must be **BOLD**. Main headings should be of font size 14 and Sub-headings of font size 12. E.g. **Chapter 1: Introduction (14)** and Introduction (12). The font style used in the document must be consistent and a graduate must select a font style of choice.

Each and every table, diagram, graph, chart etc. MUST be **numbered** and **Labelled**. The numbering must depend with the Chapter in which the item is in E.g. diagram in Chapter 1 can be numbered as **Figure 1.1: Organogram**. Note that the First **1** denotes the chapter in which the diagram falls under and the Last **1** tells us about the position of the diagram in the chapter, so literally **Figure 1.1** means the figure is in Chapter **1** and its diagram number **1**. This means that the next diagram must have a **.2** suffix, thus **Figure 1.2**, and the labelling of course is the description of the diagram in question. **Tables** should be numbered at the top and **Figures** at the bottom. This must be consistent throughout the document.

Note that * Each and every heading, sub heading must be numbered.

The Structure of Page Arrangements for the Project Documentation

The sequel of pages and their hierarchical arrangement play a pivotal role in structuring the project report properly and interlinking the vital elements of the report in the best possible format.

Therefore, the best structure and format that has been devised after extensively selecting studying, analyzing and structuring myriad and versatile project reports include the following sequel of elements:

1. Title & Cover Page
2. Declaration
3. Approval or Certification
4. Acknowledgements
5. Abstract or Executive Summary
6. Table of Contents
7. List of Figures
8. List of Tables

9. List of Symbols and Abbreviations
10. Introduction (must include name of the organization to which the project is intended to be submitted)
11. Body of the Project & the Chapters
12. Experiments and Results
13. Conclusion and Recommendations
14. Future Scope
15. References
16. Appendices

In the above structure, the first nine pages are known as preliminary pages, and are usually numbered with the Roman numerals as I, II, III, IV, and so on, except the title page. As shown below:

Cover Page
Abstract   i
Declaration   ii
Approval   iii
Acknowledgements   iv
Dedication   v Table
of contents   vi
List of Acronyms   vii
List of Tables   viii
List of Figures   ix
List of Appendices   x….etc

NB. *Each of the topics above must have a different page and must be paginated using Roman Numerals except for the* **COVER PAGE**

All the contents of the project report should be in 'Times New Romans' font, and the size should be 12 throughout. All the text should be left with the 'justified' option with line spacing of 1.5, but for the Captions single spacing should be opted. The length of the overall document should be around 80 to 100 pages for it to be an effective project report.

Title page

All the letters of the title page must be capitalized, and the title page should not contain page numbers. The other aspects of the title page like the title should be like a report, and should contain the name of the organization to which the project is intended to be submitted.

Next, the course name should be followed by the student's name, his roll number, guide's name and designation, and at the end of the title page, organization's logo and address should be written, as shown in the above figure.

Declaration and Approval

The declaration is a statement written by the student who declares that he or she has sincerely completed his or her project. The declaration statement concludes with the signature of the student.

The Approval page is also a confirmation from the head of the department, guide, and external examiner about their acceptance of the project. The approval page is endorsed with the signatures of the heads confirming their approval of the project.

Acknowledgement

The acknowledgement page depicts the gratitude, respect and thankfulness of the student towards the people who helped him in pursuing the project successfully and ensured successful completion and implementation of the project. In this page, the author expresses his gratitude and concern by using praising and thanksgiving words.

Abstract

Abstract represents a summarized report of the complete project in a very concise and informative format covering main objective and aim of the project, the background information, processes and methods used, and methodologies implemented, followed with a brief conclusion of two to three lines talking about the results and scope of the project.

The entire abstract of a project report should be written in about 250 to 350 words, and therefore, should not exceed any further.

Table of Contents, List of Figures and Tables

Table of contents provides a complete sketch of the title, subtitles, headings, topics and the project elements that are involved in those headings. In other words, different sections and their titles are included here.

The whole project report in a nutshell is made known in the table of contents section, and therefore, it should include the titles of the first, second and third level headers, and must give a clear picture of the report to the reader.

Similarly, a list of figures and tables helps the reader to locate diagrams, charts and tables in the document, and therefore, it should be numbered accordingly by chapter and page number. It is not necessary to indicate page numbers for symbols and abbreviations used in the document.

Supervision
Students must ensure that upon the approval of their proposals they collect and hand them over to the allocated supervisors. Candidates are encouraged to work with their supervisors and meet the suggested deadlines. No student is expected to proceed to the next chapter of their Documentation without the approval of the preceding chapter by the supervisor. After every chapter the supervisor and the student are required to sign a supervision form, as a way to authenticate the completion of a chapter. Candidates will only be allowed to defend their

projects after their supervisor has signed the Documentation document.

The Main Body of the Project

The main body of the project should comprise several chapters with the corresponding titles, and each page within these chapters must be numbered in numerals as page numbers. The usual way of presenting these chapters as given according to the documentation guidelines

Referencing

The project report must be considered as a very standard report, and therefore, it should follow all rules, guidelines and protocols of gathering and presenting information, and implementing that and drawing conclusions out of it.

All these activities require appropriate and authentic sources of information and that particular information must be referenced or cited according to the copyrights and other guidelines using the (Harvard Referencing Style / IEEE Referencing Style and arrange in alphabetic order). Therefore, to make the report original, it should be free from plagiarism and must follow standard citations and guidelines of citations to represent the reference names.

E.g. Surname, Initial. (Year of publication), Title of Book or Journal, publishing hall, country of publication.

Note that if you are referencing a site you need to state exactly the document accessed and the date you accessed the document

E.g. http://www.tkn.tu-berlin/research/QoS.html Accessed 20/08/2015.

Wikipedia is not an academic website so don't include information from that site,

educational sites have an extension .edu, ac , etc eg http://nile.wpi.edu

Appendices

The appendices of a project report should be written in Times New Roman format of font size 10, and it should contain the information which is appropriate and added to the main text like Embedded C program code, raw data, and so on. Sub-headings can include but not limited to the following:

Appendix A : User manual (Should be detailed)
  Evidence of research
Appendix B: Snippet of Code
Appendix C: etc

Final Stage

- Documentation Binding
- Oral presentation (40%)
- Documentation document (60%)

These are the exceptional and very informative guidelines about drafting a project report along with a very simple, user-friendly project report format for those students who are earnestly seeking project report format.