Preliminary pages

- Blank page
- Cover page
- Declaration
- Acknowledgement
- Dedication
- Abstract
- Table of contents
- List of figures
- List of Tables
- Definition of key terms

Chapter 1: -Introduction

- Motivation & background - 1 and half page (at least)
- Background of research
- Problem statement
- Aim of research
- Objectives of the research
- Justification of research
- Scope of research
- Research organization

Chapter 2: Research Methodology

- Chapter introduction
- Methodology for literature review
- Methodology for requirement specification, data collection and analysis techniques e.g. Interviews, questionnaires.
- Methodology for system Analysis (current system); DFD, Context diagram, flow charts

- Methodology for System Design (proposed system); Database design, DFD, Context diagram, flow charts, sequence diagram, collaboration diagrams, use case, pseudocodes e.t.c, Early System prototypes (I/O design)
- Methodology for System implementation; back end, front end and database technologies to be used
- Methodology for system testing; testing plan, testing techniques
- Methodology for System Deployment
- Chapter Summary

Chapter 3: Review of related work

- Chapter introduction
- History of the research topic
- Review of related prototypes, systems [from global to local]
- Emerging trends and patterns in the research area
- Research gap to be filled by your research
- Chapter summary

Chapter 4: System Analysis

- Chapter introduction
- Description of the current systems, its strengths and weakness
- Feasibility study & its conclusion
- data I/O analysis -Data captured by the current system, relationship between the data, outputs from the system
- Process logic design of the current system;flow charts, context diagrams & DFDS
- chapter summary

chapter 5-System Design of the proposed system

- introduction
- Description of the proposed systems, its strengths and weakness
- Requirement analysis (functional, nonfunctional, user, usability e.t.c).
- Conceptual architecture of the proposed system
- Process logic design of the proposes; use case, activity diagram, sequence and class diagrams, flow charts, context diagrams, DFDS
- Database Design: ER, Normalization and Data dictionary
- I/O of the proposed system (mock up screens)
- Chapter summary

Chapter 6: - Implementation System & Testing

- Chapter introduction
- System screenshots (at most 4)
- Testing plan
- evaluation plan
- Chapter summary

Chapter 7 Conclusions, findings & recommendations

- Introduction
- Conclusion
- Challenges Encountered.
- Future recommendations
- Conclusion

References/Bibliography

Appendix: e.g. Sample questionnaires, sample interviews, budget schedule, time schedule, sample code (at most 2 pages)

Additional information

- ❖ chapter one, two, three and references forms the research proposal
- ❖ all paragraphs should be justified, 1.5 spaced and done in times new roman
- ❖ all figures should be labelled and cited
- ❖ all tables should be well labelled
- ❖ each idea should be on specific paragraphs
- ❖ problem statement should be written in continuous Prowse and not bullets
- ❖ research justification should be anchored on existing researches and not assumptions
- ❖ research scope should specify target organization and features to be implemented by the proposed system
- ❖ Use the APA referencing style