# Preliminary pages

* Blank Page
* Cover Page
* Declaration and Approval
* Acknowledgement
* Dedication
* Abstract
* Table of Contents
* List of Figures
* List of Tables
* Definition of Key Terms

# Chapter One - Introduction

* Chapter 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 Summary

## Chapter Two - 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 Three - 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 Four - 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 - Five - 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 Proposed; 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 Six - Implementation System & Testing

* Chapter Introduction
* System Screenshots (at most 4)
* Testing Plan
* Evaluation Plan
* Chapter Summary

# Chapter Seven - Conclusions, Findings & Recommendations

* Introduction
* Conclusion
* Challenges Encountered.
* Future Recommendations
* Chapter 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, size 12.
* 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