

TAKORADI TECHNICAL UNIVERSITY

COMPUTER SCIENCE DEPARTMENT

TEMPLATE FOR FINAL PROJECT REPORT

CHAPTER ONE - INTRODUCTION

- (a) Background (general description/overview of the topic/description of the community in which the research will be conducted/how people in the community perceive your topic)
- (b) Statement of the problem (how you personally became aware of the problem and what motivated you to research into that problem)
- (c) Purpose of the research-**Aim** and **Objectives** (intention, for which people, place). Should be brief.
- (d) Research questions (questions that will guide in the design of questionnaires, the questions should relate to the purpose of the study (in other words the question form of the purpose of study)).
- (e) Significance of the research (contribution to development of society, policy making, government, general knowledge, etc)
- (f) Limitations (if any weaknesses you expect in the research process)
- (g) Delimitations (it indicates how the scope of the study has been narrowed or confined)
- (h) Organization of the study (how the entire research project report is organized)

CHAPTER TWO - LITERATURE REVIEW

- (a) Overview of what other people have already done on the topic in terms of theories, concept, design, implementation, etc. state any weaknesses in what already exist.
- (b) Overview of your study and how it tends to address the weaknesses of what others have done or how is yours better than what already exist.
- (c) Some of the gaps/weaknesses in previous study may be inaccurate sample size or methods.
- (d) Other gaps/weaknesses may be contexts in which the previous study was done. E.g. foreign contexts.
- (e) Provide overview of related studies and the general theory related to the topic
- (f) The chapter should end with a summary of the review and suggests why we need more research on the topic.

CHAPTER THREE - PROPOSED METHOD / SYSTEM / SOFTWARE

- (a) Detailed description in writing of the proposed method/system/software (provide a description of your system).
- (b) Systems Requirement Specifications (for software, it include use case diagrams, state transition diagrams, activity diagrams, DFD diagrams etc.)
- (c) Depending on the kind of project, you must consider using some of (*but not limited to*) these:
 - *Architecture Design*- Provide a good High-level Overview of your design Description of the Use-Case diagram
 - *Detailed Design*- Description of the algorithm, flowchart charts (program logic diagrams), Output specifications, etc.
 - *Data Design*- Description of Data-flow diagram and database design. (i.e. description of the tables in your database). The use of Entity-Relationship diagram for describing the database is encouraged.
 - *Interface Design*- Your screens Designs to capture your data. You may also consider the use of Decision tree or Decision table.
- (d) Description of the effectiveness or efficiency of the proposed method/system/software.
- (e) Description of the development methodology adopted and why it is considered most suitable

CHAPTER FOUR - RESULTS AND DISCUSSIONS

- (a) Present the results/pictorial views of various components of the system and describe them. This includes outputs from your system (i.e., printout – hardcopies and softcopies)
- (b) Discuss results (you can discuss results with respect to the research questions)

CHAPTER FIVE - CONCLUSION AND RECOMMENDATION

- (a) Summary of key findings from the discussion
- (b) Conclusion
- (c) Recommendation

REFERENCES

Websites where you had theories, examples and literature review information, using APA style of referencing

APPENDICES

E.g. Gantt chart, pictures, diagrams, table, etc. that you referenced in your report. **(IF ANY)**