

MOI UNIVERSITY
SCHOOL OF INFORMATION SCIENCES
BSC. IN INFORMATICS
GUIDELINES FOR 2ND YEAR RESEARCH PROJECT

PRELIMINARY PAGES

- Title Page
- Table of Contents
- Declaration
- Acknowledgement
- Abstract

PART I: SEMESTER II: SEPTEMBER – DECEMBER 2023

CHAPTER ONE - Introduction

- Introduction
- Background of the study
- Problem Statement
- Aim and Objectives
- Scope of the Project
- Conceptual Framework
- Project Schedule - Gantt Chart/Work Breakdown Structure

CHAPTER TWO – Systems Analysis

- Systems Analysis
- Feasibility Study
- Requirements Gathering (techniques)
- Requirements Review - Outline Functional and Non-Functional requirements
- Requirements specifications and validation

PART II: SEMESTER II: JANUARY – APRIL 2023

CHAPTER THREE - Systems Design

- Systems Modeling (use modeling tools, ERDs, use cases, data models, diagrams)
- Design (Architectural, Algorithm, Interface, Data Structure)
- Database Design (if any)

CHAPTER FOUR – Systems Implementation

- Approach/Framework/Platform/Languages used
- Construction, Coding
- Testing (Types of testing used and test cases)
- Integration: conversion, changeover, deployment, training, maintenance

CHAPTER FIVE - Conclusion and Recommendations

APPENDICES

- System Codes
- System Manual
- Screen Shots

REFERENCES/BIBLIOGRAPHY