



GRETSA UNIVERSITY COMPUTER SCIENCE/IT PROJECT SYSTEM GUIDELINES

Cover Page

- i. This page should not be paginated (*should not have page numbers*)
- ii. All wording should be single- spaced and in uppercase
- iii. The title at the cover page to be bold and font-size is 12.
- iv. Items will be arranged in the following sequence:
 - Title should be focused, informative and not more than 20 words
 - Full names of the student
 - Registration number of student below the name

Then follows the writing:-

For Undergraduates e.g.

"A Computer System Project submitted in partial fulfilment of the Requirements for the Award of the Degree of (specify, e.g. Bachelor of Science) in the School of Computing & Informatics of Gretsa University."

Month and year of submission comes immediately after (Centred)

Student Declaration Page

To have the following writings in font 12, Times New Roman:

"This Project is my original work and has not been presented for a Degree in any other University." Then the student signs above his/her name and registration number, followed by the date. E.g.:

Signature: _____ Date: _____

Name: Reg No.

Supervisors: This Project has been submitted for review with our approval as University supervisors:

Then the supervisors, sign above at least two of their names written in full, together with their respective departments. The name of the main supervisor should appear at the top and the other(s) below it. E.g.:

1. Signature: _____ Date: _____

Mr./Dr./Mrs./Prof. _____

Department _____

Gretsa University (State Institution of the Supervisor)

Table of Contents

The table of contents should capture the main titles and subtitles (Up to three levels) in the text (Project/thesis).

The Table of Contents, List of Tables, and List of Figures need to be computer generated and as listed sequentially

Abbreviations and Acronyms

This section should be included in the Project. Abbreviations and acronyms need to be given because they may be found in the Project.

Operational Definitions of Terms

This should come immediately after the abbreviations and acronyms

At least Minimum 5 terms

Abstract

All Projects must have an abstract, which should not between 150- 250 words; should be single-spaced and not paragraphed. The abstract should consist of precise spectrum of the entire Project

FORMAT OF MAIN BODY OF PROJECT

Each major section e.g. INTRODUCTION should start on a separate page.

Note: Numbering of the main body of the Project to follow as stated below where applicable

CHAPTER ONE: INTRODUCTION(entered)

The introduction should start with an introduction which specifies the subtitles of content covered.

1.1 Background of the Project

Introduces subject area under study and current situation.

General overview of the project subject matter

Average 2 pages

1.2 Problem Statement (to be precise and focused)

- It should show a clear felt need of the problem (from valid source or reference)
- What is the problem at hand?
- When and why is it a problem?
- How is it a problem?

1.3 Project aim

This should be developed from the title

1.4 Specific Objectives

They should be SMART (Specific, Measurable, Achievable, Realistic and Time bound)

Revolve around the project title

1.5 Significance of the project/stakeholders of the project

- This should explain why the project is necessary and to who. Should be on average of one paragraph.

1.6 Scope of the study

- Gives the extent to which the project will be carried out
- What is the knowledge depth and innovation considered for this project?
- Why do you limit yourself only to the depth proposed?
- Average use a ½ to 1 page

1.7 Operation Environment

This gives the requirements of the system that will be used to develop the project

CHAPTER TWO: LITERATURE REVIEW

The Literature Review should start with an introduction which specifies the subtitles of content covered.

It should be at least two pages and should contain related literature on the projects already developed in the specialization

CHAPTER THREE: METHODOLOGY

3.1 Introduction

The Methodology section should start with an introduction which specifies the subtitles of content covered. This Chapter highlights the methodology that was followed when developing the project.

3.2 Software Cycle Model Eg. Waterfall methodology, RAD, spiral, etc

Briefly describe the stages involved in the model you are using.

3.3 Feasibility Study

3.4 Requirement , Analysis and Specification

Explain on cost/benefits analysis of the system

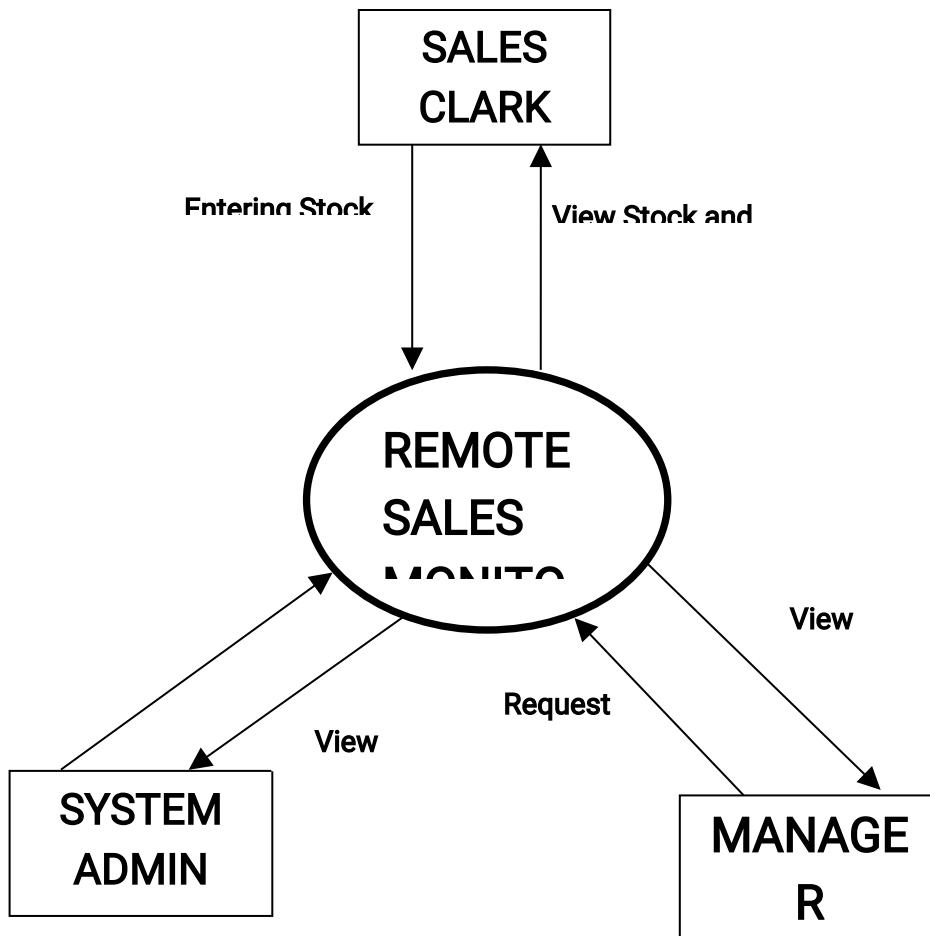
3.5 System design

The proposed tools of the system design are:

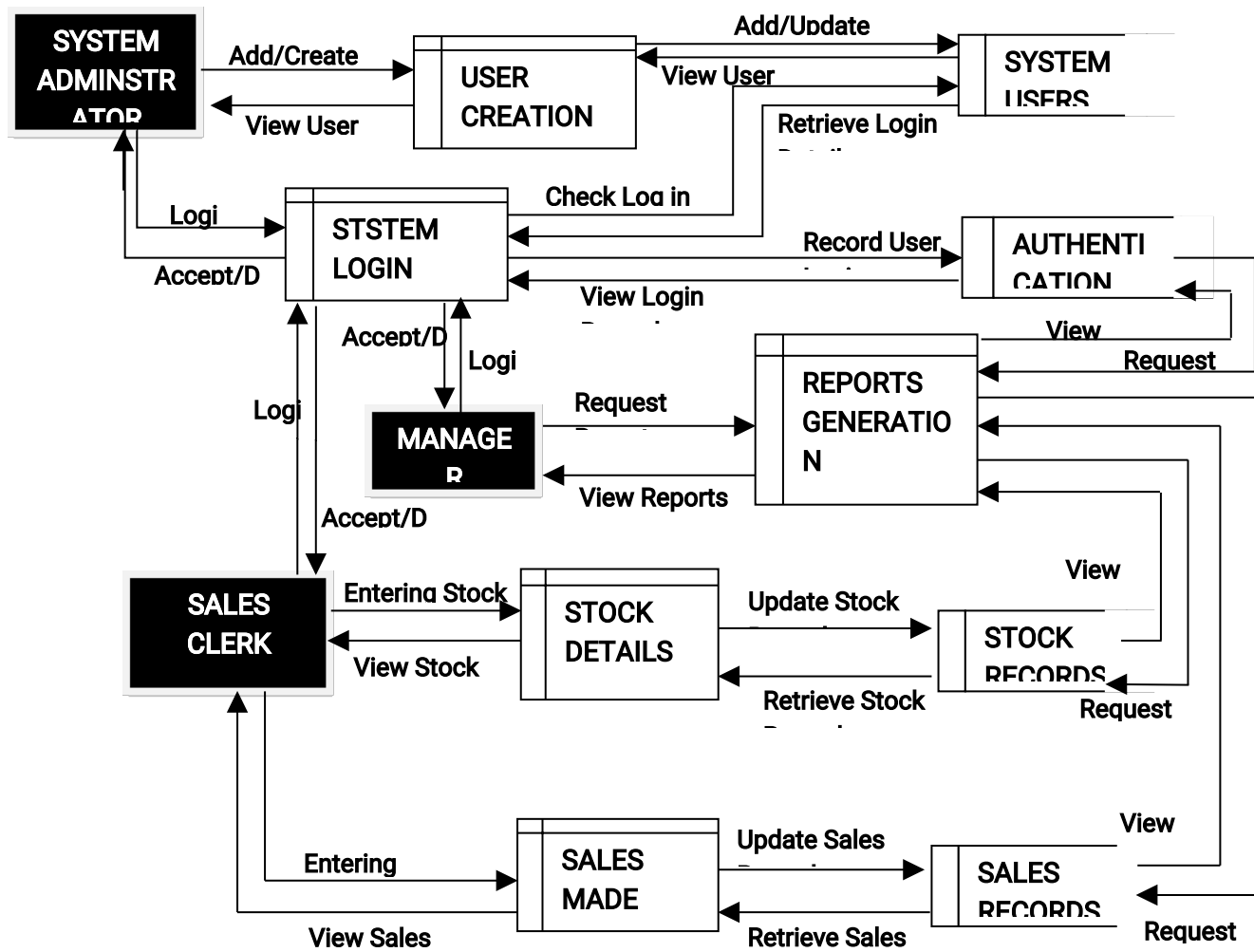
1. Context diagram
2. Data flow diagram

Sample

3.5.1 CONTEXT DIAGRAM



DATA FLOW DIAGRAM



3.6 Data Base Design

1. Discuss the database used and its advantages
2. Expected number of tables to be used (include sample tables)

3.7 Input and Output Design

Discuss the number of forms to be used and their use in detail for each form

3.5 Implementation (Coding)

Describe the language used and the reasons why is the best language to be used .

3.6 Integration and System Testing

The type of testing expected done in the systems

CHAPTER FOUR: OUTPUT AND IMPACTS

4.1 Introduction

4.2 Module Description

output and impact for each module-(Explain each module using an algorithm, giving some screen shots

4.3 Measurement of software quality and reliability

4.4 Performance analysis- have you given the statement to clients to evaluate is performance?

4.5 Screen shots

4.6 System Testing

4.6.1 unit testing

4.6.2 integration testing

CHAPTER FIVE: CONCLUSION AND RECOMMENDATIONS

REFERENCES

References should be single-spaced and listed alphabetically in the reference list.

For citations within the text, the format of author and year of publication is recommended. Use the latest American Psychology Association (**APA**) style of referencing.

E.g.: APA referencing of a book

Pandey, A. (2009). *Fundamentals of electronic commerce*. New delhi: S.K Kataria & Sons publishers.

E.g.: APA referencing of a journal

Diniz, E., Porto, R. M., & Adachi, T. (2005). Internet Banking in Brazil: Evaluation of Functionality, Reliability and Usability. *The Electronic Journal of Information Systems Evaluation*, 8(1), 41-50.

APPENDICES

APPENDIX A: COST AND MATERIALS ESTIMATES

APPENDIX B: TIME SCHEDULE-GANTT CHART

APPENDIX C: DELIVERABLE OUTPUTS

PROJECT PRESENTATION DETAILS

(a) Typing

Typing: All Projects in the School should be typed in font 12 (Times New Roman) on A4 size paper, double-spaced, and on one side of the page;

Page margins: Page margins will be as follows: left 40 mm (1.5 inches) and all other sides 25 mm (1 inch);

Page numbering: e.g. 1, 2, 3, etc should be top center and start on the INTRODUCTION page. All preceding pages except cover page should have Roman numbering system (i.e. i, ii, iii, etc). From title page to abbreviation/acronyms page,

the numbering will be in Roman lower case numbers (i, ii etc) in a sequential manner

Page numbers: The Project should not exceed 20 pages, excluding references and appendices.

(b) Tense

Past and present perfect participle tense should be used