

Guidelines for Semester Project Report

Requirements for Report Writing:

Report should meet following standards:

Font Name: Times New Roman

Left Margin: 1.5 inch

Right Margin: 1.25 inch

Top Margin: 1.25 inch

Bottom Margin: 1.25 inch

Header and Footer: 0.5 inch

Line Spacing: 1.5

Paragraph Spacing: 18 pt

Font Size: 12 pt (for normal text)

Follow following standard for headings

1. Heading1 (16 pt, Bold)

1.1 Heading2 (14 pt, Bold)

1.1.1 Heading3 (13 pt, Bold)

1.1.1.1 Heading4 (12 pt, Bold)

Specimen for Semester Project Report

Kathmandu University

Department of Computer Science and Engineering

Dhulikhel, Kavre



A Project Report

on

“Project Title”

[Code No:.....]

(For partial fulfillment of _____ Year/Semester in Computer Science/Engineering)

Submitted by

Name(Roll No.)

.....

Name(Roll No.)

Submitted to

(Respective Project Coordinator)

Department of Computer Science and Engineering

Submission Date:

Bonafide Certificate

This project work on
“.....TITLE OF THE PROJECT.....”
is the bonafide work of
“.....NAME OF THE CANDIDATE(S).....”
who carried out the project work under my supervision.

Project Supervisor

Name:

Academic Designation:

Abstract

It should include summary of what you are intending to do as project work. It should answer three main questions. What are you doing? Why are you doing? and How are you doing? The abstract should cover exact problem and how your work is going to address those issues.

Abstract provides description about the project in minimum possible words. Abstract should contain 150-200 words as follows:

Background (1 to 2 sentences)

Purpose/Aim (1 to 2 sentences)

Procedure and Method/Tools (1 to 2 sentences)

Expected Outcome (1 to 2 sentences)

Conclusion (1 sentence)

Recommendation (1 sentence)

Keywords: (keywords of your project that describe your project) Foreg. *Procedural programming, file, information.*

Table of Content

The page number from abstract to Acronyms should be in Roman number. Actual page numbering of document starts from first chapter of the document which in introduction section.

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List of Figure

It gives information about all the figures used in the documentation. All figures used in the report should be listed, used during explanation of the works.

For e.g.

Figure	Page no.
1.1 Computer Architecture	5
4.2 Figure xyz	15
....	
....	

Here 1.1 specifies, it is a first figure of chapter 1, and 3.2 specify it is second figure of chapter 3.

List of Table (if any)

It should give information about all the tables used in the documentation. Figures and table should be given appropriate title.

(Similar to that of **List of Figures**)

Acronyms/Abbreviations (if any)

The list all abbreviations used in the documentation is included in this section.

For.e.g

VR	Virtual Reality
RAM	Random Access Memory
DMA	Dynamic Memory Allocation

Chapter 1: Introduction

Introduction heading includes following subheading. The font size for title should be 16 bold, heading 14 bold and subheadings 12 bold. Paragraph should contain line spacing of 1.5 with font size of 12. Preferable font type is Times New Roman.

1.1. Background

It should include basic information in the field of project work. What are the recent trends and development on area of the project should be briefly discussed in this topic.

It should contain at least 2-3 paragraphs, having 200-400 words.

It should include:

Recent development in the field

Drawbacks and significance of existing works

1.2. Objectives

What is basic purpose of your project. List the objectives of your project work in bullets (not exceeding 4).

1.3. Motivation and Significance

Motivation to choose the topic, importance and contribution of your project work is included in this section.

Why did you choose this particular topic as your project ?

How does the work address drawback of existing system?

How is it different from the existing works?

It consists of short paragraph about features of your project work. A brief introduction of features that project is going to address, helps to make the project proposal more robust.

Chapter 2: Related Works

It focuses on discussion of similar types of other task/projects, that has been performed earlier.

It should include recent projects, works, website, etc. as reference.

Referencing should be in APA format.

According to (John,2012), Management System should include components of...

Thapa and Shrestha (2010) have done similar project where they have implemented...

The Minesweeper (Rai & Parajuli, 2012), has features like....

The similar kind of project work(mention authors along with their works) were performed earlier which has properties...

In writing this section , your purpose is to convey to your reader what knowledge and ideas have been established on a topic, and what their strengths and weaknesses are. (D Taylor, “The Literature Review: A Few Tips on conducting it”). It also should include previous work, comparison between works, drawbacks and current work.

Chapter 3: Design and Implementation

It includes explanation of sequential procedure that you intend to perform during the project work. It may include algorithms, flowcharts, System Diagrams(Use case, ER, Class, Activity etc.) and other analysis and design which gives general idea about how you approach different development procedures during the project work.

It may contain few paragraphs and diagram which may describe your work.

3.1.System Requirement Specification

3.1.1. Software Specification

3.1.1.1. Front End Tools: Information about OS, Programming platform and other APIs

3.1.1.2. Back End Tools: Information about used technique to store/manipulate data (mysql, xml, etc.)

3.1.2. Hardware Specification

It contains description any additional hardware that may be required for the project. It also gives information about required minimum configuration of system to run the work smoothly.

Chapter 4: Discussion on the Achievements

This chapter should focus on challenges that you have experienced during your work, and discuss about any probable deviations from the objectives, negative finding that were implemented.

Any measurable results and comparisons that were obtained from the work could be included in this section.

Features:

Include/list out information about the new/vital features that has been implemented in project development, with brief discussion.

Chapter 5: Conclusion and Recommendation

Summarize your achieved/unachieved goals with valid reasoning. The conclusion should not contradict with the objectives of the project.

5.1. Limitation

Include limitation of your work

5.2. Future Enhancement

Include possible enhancement of this work

Reference

It is list of books, resources, internet links, magazines, research papers etc.that help your work as reference during your project duration. Reference should be included in APA format. APA format for reference and citation can be generated in different word processing software, including microsoft word.

For eg.

Rai, B., & Parajuli, K. (2012). *The Minesweepers*.

China, The American Press, and the State Department [Web log post]. (2015, January 3). Retrieved from Schonfeld, E. (2017, May 3).

Google throws \$38.8 million to the wind [Web log post]. Retrieved May 4, 2017, from <http://techcrunch.com>

Bibliography (*Optional*)

It includes listing of the books, Internet sources and other similar works that you take use indirectly in designing, carrying out, and understanding your project.

Bibliography should be included in APA format.

APPENDICES

An **appendix** typically includes data and supporting documents used by the writer to develop the report. Screenshots which assists in your planning and works are also included in this section.