Project Report on

**Your Project Title**

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Submitted to

**Department of Computer Science and Engineering**

**Nepal Engineering College**

in Partial Fulfillment of the

Requirements for the Degree of B.E. in Computer

Submitted By

*Student Name1 (CRN)*

*Student Name2 (CRN)*

*Student Name3 (CRN)*

Supervised By: *Name\_of\_Supervisor*

Submission Date: *DD/MM/YYY*

1. **Abstract**
2. **Acknowledgement**
3. **Table of Contents (**must be auto generated**)**
4. **List of Figures (**if any, must be auto generated**)**
5. **List of Tables (**if any, must be auto generated**)**
6. **Abbreviations**

**Chapter 1: Introduction**

In this section you should start with a concise overview of the project. Explain what the project aims to achieve and its significance. Highlight its relevance to the field or discipline. Provide background information to set the stage for your project. Discuss any existing research or work in the field. Explain why this project is necessary and how it fits into the current body of knowledge. Clearly state the research questions or objectives of the project. These should be specific and measurable to guide the reader on what the project seeks to explore or accomplish. Explain why your project is important. Discuss potential contributions to the field, how it could fill gaps in existing knowledge, or its practical applications. Following are the subtopics that should be covered in this section.

* 1. Overview
  2. Problem Statement
  3. Objectives
  4. Aims
  5. Motivation
  6. Scope and Applications
  7. Feasibility Study

**Chapter 2: Literature Review**

Previous related works and terminologies related to your project, Relevance of the literature review with your project work. In the Literature Review section of project proposal, you'll review and analyze existing research, theories, and scholarly works related to your project. Citation should be in IEEE format.

**Chapter 3: System Design**

Describe the system design of the project. You can describe the working mechanism using block diagram of a proposed system. In addition, you have to make it clear that how your system is being developed through different diagrams such as use case diagram, ER diagram, flow diagram, class diagram, sequence diagram or any other relevant diagrams. It is not necessary to put all the diagrams but applicable ones.

Alsolist out the hardware and software requirements of the project (development and deployment) and explain with reasons why have you selected the particular hardware and software for development.

**Chapter 4: Implementation and Discussion**

In this section you need to explain in detail about how you have development the system, what algorithms you have implemented. This section should include following subsections.

4.1 Methodology:

In this section you need to:

* Provide a detailed explanation of the methods you used to implement your project.
* Describe the tools, technologies, and frameworks you utilized.
* If applicable, include any experimental design or specific procedures followed.

4.2 Implementation Steps:

* Break down the implementation into steps or phases.
* Discuss any challenges faced during the implementation and how you addressed them.

4.3 Output Obtained: In this section you need to list out all the completed tasks. You may add few major output screen shots but not all.

4.4 Testing/Test Cases: In this section you need to show testing details of your system in different levels. You should demonstrate different test cases.

4.5 Time Schedule: In this section you need to explain about the detailed schedule of project development activities using Gantt-chart and text.

**Chapter 5: Analysis and Evaluation**

In this section you need to perform analysis of the output obtained, possible comparisons with the expected outputs and with the similar application already in use. This section should include following subsections.

5.1 Data Analysis:

* Provide clear and concise summaries of the key findings from your data.

5.2 Results:

* Display your results using appropriate visual aids such as tables, charts, graphs, or diagrams.
* Ensure that the results are organized and labeled for easy interpretation.
* Discuss any patterns, trends, or anomalies observed in the results. (if any)

5.3 Comparison with Objectives:

* Evaluate how well the project outcomes align with the initially stated objectives.
* Highlight areas where objectives were met or exceeded, as well as any shortfalls.

5.4 Discussion of Findings:

* Interpret the results in the context of your project's goals.
* Discuss the significance of your findings and their implications for the broader context or field.

**Chapter 6: Conclusion and Future Work**

Conclude your work and also include limitation of your project and future enhancement that can be done.

**References and Bibliography:** References should be in IEEE standard.

**Appendices** (if any, with the screen shots related to your project)

***Note:*** *All the chapters are mandatory, but the subheadings can be used as per your requirements. Please maintain the style of citation in accordance to “IEEE Citation Style Guide”.*

**Formatting Requirements:**

Your report should meet following standards:

**Font Name**: Times New Roman

**Left Margin**: 1.25 inch

**Right Margin**: 1.0 inch

**Top Margin**: 1.25 inch

**Bottom Margin**: 1.25 inch

**Header and Footer**: 0.5 inch

**Line Spacing**: 1.5

**Paragraph Spacing:** 12 pt

**Font Size**: 12 pt (for normal text)

**For chapters**

**Chapter 1**

**Introduction (18 pt, Bold)**

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)**

**Special NOTE: *While printing the report you should be sure that you have chosen A4 rather than letter format.***