**PROTOBYTES HACKATHON**

**AARAMBHA 2024**

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**ADVANCED COLLEGE OF ENGINEERING**

**Kalanki, Kathmandu**

**A Project Proposal**

**on**

**……………………….**

**Project work submitted under theme …………… in partial fulfilment of requirement for the ProtoBytes Hackathon**

**SUBMITTED BY**

**(Team ANANTA)**

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## ABSTRACT

Abstract is compulsory. The heading **ABSTRACT**, in capital letters and bold should be centered between the left and right margins, without punctuating or underlining.Limited to one page only.

**Keywords:** 3-7 keywords based on the research/project should be kept in the page of the abstract below the main text of the abstract leaving one blank line and should be in **Italics.**

## 

## List of Abbreviations/Acronyms

CO2 Carbon dioxide

CPS Center for Postgraduate Studies

Ha. Hectare

m3 Meter cube (Cubic meter)

NEC Nepal Engineering College

PU Pokhara University

Sq.ft Square feet

UNDP United Nations Development Programme

## CHAPTER 1

## INTRODUCTION

This chapter should discuss the background of the research/project issues being dealt with, the statement of the problem, project objectives, significance of the study, and scope and limitation of the study.

Introduction must revolve around the central research/project issue.

## 1.1 Background

Brief background of the issues should be discussed under the background section. It should be done in the form of a brief literature review of related literature, which is essential to build a statement of the problem, research question, and research objectives in the later part of INTRODUCTION chapter

### 1.2 Statement of the Problem

This section must indicate what the problem is, why and how it is a problem. Similarly, the necessity to conduct the research should also be discussed. It should be supported by data or evidence. This section should be well connected with the background section and as brief as possible.

### 1.3 Project objective

This section should clearly mention what you want to achieve from the research. Usually objective is presented as general objective and specific objectives. The general objective of research should be only one and should be in line with the title. To meet the general objective, several specific objectives could be set. Specific objectives should be in line with research questions and are more or less equal in numbers of research questions.

## CHAPTER 2

## SYSTEM DESIGN AND ARCHITECTURE

This chapter includes the discussion about the way you conducted your project in order to meet the objectives. The System design and Architecture should be summarized in the form of block diagram /flowchart. Selected methodology should be discussed in details along with the justification of selecting the methodology. It should include project design (DFD Diagrams, Use Case Diagrams, ER Diagrams etc...),

## CHAPTER 3

## EXPECTED OUTPUT

This chapter includes the output that your project is going to produce.

### Section 3.1

#### Sub-section 3.1.1

#### Sub Section 3.1.2

### Section 3.2

#### Sub-section 3.2.1

## CHAPTER 4

## CONCLUSION