



**TRIBHUVAN UNIVERSITY  
INSTITUTE OF ENGINEERING  
THAPATHALI CAMPUS**

**A Project Report  
On  
BLOCKCHAIN FOR GOOD GOVERNANCE**

**Submitted By:**

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**Submitted To:**

Department of Electronics and Computer Engineering

Thapathali Campus

Kathmandu, Nepal

March 2023



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**Submitted To:**

Department of Electronics and Computer Engineering

Thapathali Campus

Kathmandu, Nepal

*In partial fulfillment for the award of the Bachelors Degree in Electronics, Communication and  
Information Engineering test*

**Under the Supervision of**

Sup.Dinanath Padhya

March 2023

## **DECLARATION**

We hereby declare that the project report entitled "**Blockchain for Good Governance**" submitted by us to the Tribhuvan University, Thapathali Campus during the academic year 2022-23 in partial fulfillment of the requirements for award of Degree, Bachelor of Engineering in Electronics Communication and Information is a record of debonair project work carried out by us under the guidance and supervision of . We further declare that the work reported in this project has not been submitted and will not be , either in part or full, for the award of any other degree or diploma in this institute or any other University.

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Date: 2023-07-04

**TRIBHUVAN UNIVERSITY  
INSTITUTE OF ENGINEERING  
THAPATHALI CAMPUS**



**CERTIFICATE OF APPROVAL**

This is to certify that the report entitled “**Blockchain for Good Governance**” submitted by **KRISHNA ACHARYA (THA078BEI020), ERIC ADHIKARI (THA078BEI020), KRISHNA ACHARYA (THA078BEI020), ERIC ADHIKARI (THA078BEI020)** to the Tribhuvan University in partial fulfillment of the requirements for award of the Degree, Bachelor of Engineering in Electronics Communication and Information is a debonair record of the project work carried out by them under our guidance and supervision. This report in any form has not been submitted to any other Universities or institutes for any purpose.

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## **ABSTRACT**

The purpose of this study was to investigate the effects of exercise on cognitive function in older adults. A randomized controlled trial was conducted with 100 participants aged 65 and over, who were assigned to either a control group or an exercise group. The participants participated in a supervised aerobic and resistance training program three times per week for 12 weeks, while the control group did not participate in any structured exercise. Cognitive function was measured using a battery of standard neuropsychologist tests at baseline and after the intervention. Results showed that the exercise group had significantly improved scores on measures of executive function, processing speed, and working memory compared to the control group. These findings suggest that regular exercise may have a positive impact on cognitive function in older adults.

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## TABLE OF ACRONYM

<b>Acronym</b>	<b>Full Form</b>
AI	Artificial Intelligence
API	Application Programming Interface
CPU	Central Processing Unit
DNS	Domain Name System
HTML	Hypertext Markup Language
IoT	Internet of Things
PDF	Portable Document Format
RAM	Random Access Memory
VPN	Virtual Private Network
WWW	World Wide Web

# 1. INTRODUCTION

## 1.1 Background

### 1.1.1 Related Work

**Methodology**

**Data Collection**

**Sampling** Place your image in chapters/images folder. Refer 1.1

## 1.2 Code snippets

Place your code snippets in codes folder. Refer 1.2

## 1.3 Tables

## 1.4 Abbreviations

Abbreviation

## 1.5 Footnotes

You can add footnotes <sup>1</sup> You can also add another <sup>2</sup>

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<sup>1</sup>Sample footnote

<sup>2</sup>Second Footnote

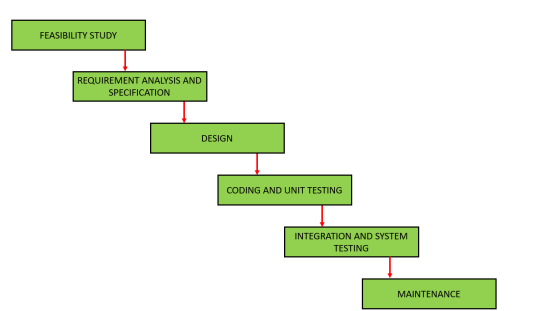


Figure 1.1: Various stages involved in the waterfall model

```

1      #include <iostream>
2
3      int main() {
4          std::cout << "Hello, World!" << std::
5              endl;
6              return 0;
7      }

```

Figure 1.2: Sample function.

A	B
1	2

Table 1.1: Sample table

## 1.6 References

Add BibTeX format bibliography entries in bib.bib and cite anywhere like this; [1]. The another systematic approach for this is as follows as the order of the system grows the mechanical system is difficult to handle. [2]. The another line The another systematic approach for this is as follows as the order of the system grows the mechanical system is difficult to handle. [3] . The another line [4]. The next line [5]. This is fifth citation of the text. [1, 4]. The citation of first and fourth references.

The another level <sup>3</sup> of text is here.

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<sup>3</sup>foot3

## BIBLIOGRAPHY

- [1] aca, “Sample title,” Sep. 2023. [Online]. Available: <http://sample.org>
- [2] D. E. Knuth, *The TeXbook*. Addison-Wesley, 1984.
- [3] C. E. Shannon, “A mathematical theory of communication,” *Bell System Technical Journal*, vol. 27, no. 3, pp. 379–423, 623–656, 1948.
- [4] D. E. Knuth, *The TeXbook*. Addison-Wesley, 1984.
- [5] C. E. Shannon, “A mathematical theory of communication and information exchange,” *Bell System Technical Journal of IEEE*, vol. 29, no. 3, pp. 379–423, 623–656, 1948.