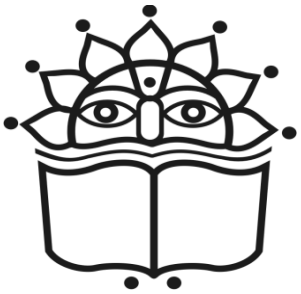

Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering
and Technology, Baramati-413133.
Pune University

A

Mini Project Report on

"Genuine Charity"

In partial fulfillment of the requirements for award of
The degree of
BACHELOR IN ENGINEERING
BY

Vishwajeet Deshmukh **ROLL NO: 2341044**
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Project Guide
Miss. T. V. Bhandare.
B.E Computer. (Sem-VII) 2023-2024

Certificate

This is to certify that work on the project report "**Genuine Charity**" presented by **"Vishwajeet Deshmukh"** in partial fulfilment of the requirement for the award of Bachelor of Computer Engineering to the VPKBIET, Baramati has been carried out under my guidance.

To the best of my knowledge and belief, the matter presented in this report has not been submitted earlier or copied from anywhere.

Miss. T. V. Bhandare.
Project Guide

ACKNOWLEDGEMENT

In Our endeavor to achieve the success in completing our project "**Genuine Charity**" in the Last Year Engineering in Computer Engineering We greatly thankful to the people without whose assistance, guidance and efforts we would not be able to complete out project successfully.

We express with our heartfelt gratitude to our guide '**Miss.T.V.Bhandare**' who through his experience, encouragement and constant guidance helped us to shape our project to the present stage without his help our project could not be completed.

Finally, we would like to thank our college's teaching and non-teaching staff of our department for co-ordinating with us.

Vishwajeet Dnyaneshwar Deshmukh

ABSTRACT

The Blockchain-Based Genuine Charity System is a pioneering solution that harnesses blockchain technology to reshape the landscape of charitable giving. It addresses fundamental issues within the charitable sector, including transparency, accountability, and trust. Through the use of blockchain's inherent security and transparency features, this system ensures that donated funds reach their intended recipients, fostering donor trust and encouraging genuine philanthropic efforts. Employing a decentralized ledger that records every transaction, the system becomes immutable and tamper-resistant. Donors can trace their contributions and verify the impact of their donations in real-time, eliminating the risk of misappropriated funds. Smart contracts automate fund allocation and distribution, reducing administrative overhead and ensuring efficiency. This innovative system embodies transparency, accountability, security, efficiency, and trust, effectively transforming the way charitable contributions are managed and increasing confidence in the charity sector.

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1. Problem Statement

The project aims to create a blockchain-based application to address transparency and authenticity issues in charitable contributions. Traditional charity systems often lack visibility and accountability. By using blockchain technology and smart contracts, the application will enable real-time tracking and verification of donations, ensuring that contributions go to the intended beneficiaries. This solution enhances donor trust and reduces the risk of fraud, ultimately fostering a more transparent and genuine charitable ecosystem.

2. Introduction

The realm of charitable giving has long been characterized by noble intentions, compassion, and the desire to make a positive impact on the lives of those in need. However, this altruistic landscape is not without its challenges, as traditional charitable systems often grapple with issues of transparency, accountability, and authenticity. Donors, who contribute their hard-earned resources, are frequently left in the dark regarding how their donations are utilized, and there remains a constant concern about the potential for fraud or misallocation of funds.

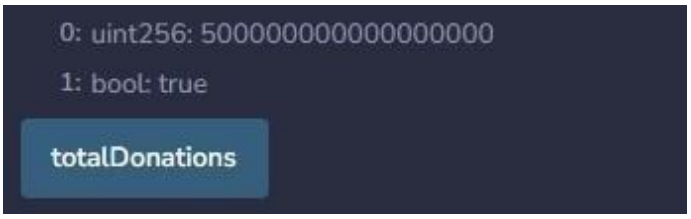
In response to these persistent challenges, there is an urgent need to leverage innovative technologies to bring about a paradigm shift in charitable practices. This report delves into the development of a blockchain-based application designed to provide a transparent and genuine platform for charitable contributions. Blockchain technology, renowned for its immutable and decentralized nature, offers an ideal foundation for addressing these concerns.

By adopting this novel approach, donors will gain the assurance that their contributions are truly making a difference, while charitable organizations can establish themselves as trustworthy stewards of donations. The utilization of smart contracts will introduce automation to the allocation of funds, ensuring that resources are channeled efficiently to their intended destinations. In essence, this report explores how this blockchain application for transparent and genuine charity can transform the way philanthropy is conducted, fostering an environment of trust, honesty, and accountability within the charitable sector.

3. Screen Shots

A) Make Donations

B) Get Total Donations



4. TECHNICAL SPECIFICATION

HARDWARE REQUIRED: -

- Operating System: Linux / MacOS / Windows
- Storage: 100GB SSD Storage
- CPU: Multi core processor
- Memory: 8GB

SOFTWARE REQUIREMENTS: -

- Blockchain Platform: Ethereum or a suitable blockchain for smart contracts.
- Development Tools: Solidity, Remix, code editor.

5. Conclusion

The development of a blockchain-based application for transparent and genuine charity represents a significant step forward in revolutionizing philanthropic practices. In this project, we have harnessed the power of blockchain technology to address long-standing issues of transparency, accountability, and authenticity in the world of charitable contributions.

The application's utilization of smart contracts has automated the allocation of funds, ensuring that donations reach their intended recipients promptly and efficiently. This not only enhances donor trust but also significantly reduces the risk of fraud and misallocation. Charitable organizations can now establish themselves as trustworthy stewards of contributions, while donors can experience the immediate and visible impact of their support.

Furthermore, the immutability and decentralization of blockchain technology provide an irrefutable record of all transactions, fostering a culture of trust and accountability. The application's potential to transform the philanthropic landscape is profound, opening new avenues for honest, efficient, and genuinely impactful charitable contributions.

As we conclude this project, we recognize that this blockchain-based solution not only provides the tools for transparent and genuine charity

but also symbolizes the potential for innovative technologies to create meaningful change in our world. The transparent and accountable ecosystem we have developed paves the way for a brighter future in which charitable contributions can have a truly transformative and lasting impact.