

# THE ROLE OF BLOCKCHAIN IN ACHIEVING THE MAQASID OF PRESERVING WEALTH

<sup>1</sup>Yasser Mohamed Abdelrahman Tarshany, <sup>2</sup>Yazeed Al Moaiad

Faculty of Islamic Sciences, Faculty of Computer & Information Technology, <sup>1,2</sup>Al-Madinah International University Kuala Lumpur, Malaysia

yasser.tarshany@mediu.edu.my, yazeed.alsayed@mediu.edu.my

Abstract— Blockchain technology has emerged as a transformative innovation with the potential to address contemporary challenges in various sectors, including finance. This study explores the role of blockchain in achieving the Magasid al-Shari'ah (Objectives of Islamic Law), particularly in preserving wealth. The research investigates the application of blockchain in waqf (Islamic endowment) management, highlighting its potential to enhance transparency, efficiency, and accountability. By employing a descriptive and analytical methodology, this paper examines the advantages and disadvantages of blockchain technology and its alignment with Islamic principles. The findings suggest that blockchain can revolutionize waqf management by providing a decentralized, secure, and transparent platform for fund collection and distribution. However, challenges such as high energy consumption and integration costs must be addressed to fully realize its potential. This study contributes to the growing body of literature on blockchain technology and its application in Islamic finance.

Keywords— Blockchain, Maqasid Al-Shari'ah, Waqf, Islamic Finance, Wealth Preservation, Decentralization

# I. INTRODUCTION

In the era of rapid technological advancement, blockchain technology has emerged as a groundbreaking innovation with the potential to transform traditional systems. Originally developed as the underlying technology for cryptocurrencies like Bitcoin, blockchain has since found applications in various fields, including finance, healthcare, and supply chain management. Its decentralized, transparent, and secure nature makes it particularly appealing for addressing challenges in financial systems, including those in Islamic finance.

The Maqasid al-Shari'ah (Objectives of Islamic Law) emphasize the preservation of wealth as one of its core principles. In this context, blockchain technology offers a unique opportunity to enhance the management of waqf, a key instrument of Islamic finance aimed at preserving wealth

for social and religious purposes. Despite its potential, the Muslim Ummah has yet to fully embrace this technology, lagging behind in the global race for technological adoption. This study seeks to bridge this gap by exploring how blockchain can be leveraged to achieve the Maqasid of preserving wealth, particularly through its application in waqf management.

# II. BACKGROUND OF THE STUDY

### 2.1 Understanding Blockchain Technology

Blockchain is a decentralized ledger technology that records transactions in a secure, transparent, and immutable manner. Each transaction is stored in a "block," which is linked to the previous block, forming a "chain".

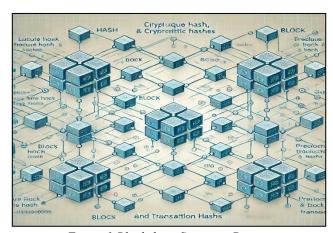


Figure 1 Blockchain Structure Diagram

This structure ensures that data cannot be altered retroactively, providing a high level of security and trust.

Blockchain technology was first introduced in 2008 as the backbone of Bitcoin, a cryptocurrency designed to operate without a central authority. Since then, its applications have expanded beyond cryptocurrencies to include smart contracts, supply chain management, and financial services. The key features of blockchain—decentralization, transparency, and immutability—make it an ideal solution for addressing issues related to trust and accountability in financial systems. Figure 1. A detailed diagram of a blockchain structure, showing interconnected blocks linked

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through cryptographic hashes. Each block contains a unique hash.

# 2.2 Maqasid al-Shari'ah and Wealth Preservation

The Maqasid al-Shari'ah refers to the overarching objectives of Islamic Law, which include the preservation of faith, life, intellect, lineage, and wealth. The preservation of wealth (Hifz al-Mal) is a critical objective, as it ensures the economic stability and well-being of society. Waqf, an Islamic endowment system, plays a vital role in achieving this objective by allocating resources for social and religious purposes.

However, traditional waqf management systems often face challenges such as lack of transparency, inefficiency, and mismanagement. Blockchain technology offers a potential solution to these challenges by providing a decentralized and transparent platform for managing waqf funds.

# III. METHODOLOGY

This study employs a qualitative research approach, utilizing descriptive and analytical methods to explore the role of blockchain in achieving the Maqasid of preserving wealth. The research draws on existing literature, case studies, and theoretical frameworks to analyze the potential applications of blockchain in waqf management. The study also examines the advantages and disadvantages of blockchain technology, with a focus on its alignment with Islamic principles.

# IV. DISCUSSION

# 4.1 Advantages of Blockchain Technology

Blockchain technology offers several advantages that make it suitable for application in waqf management: Figure 2 illustrates a comparison of traditional financial transactions versus blockchain transactions.

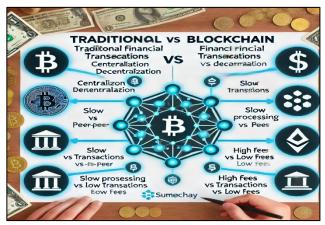


Figure 2 A comparison Traditional vs. Blockchain Transactions

• Transparency: All transactions are recorded on a public ledger, ensuring accountability and reducing the risk of fraud. Figure 4 An infographic showcasing blockchain security features. It should include decentralization, encryption, transparency, and immutability.

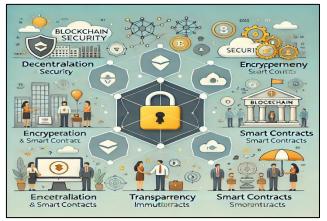


Figure 4 Blockchain Security Features Infographic

- **Decentralization**: The absence of a central authority reduces the risk of mismanagement and corruption.
- Immutability: Once recorded, transactions cannot be altered, ensuring the integrity of the data.
- Efficiency: Blockchain can streamline processes, reducing the time and cost associated with traditional financial systems. Figure 4. An infographic showcasing blockchain security features. It should include key elements like decentralization, encryption, transparency, and immutability.

## 4.2 Challenges of Blockchain Technology

Despite its advantages, blockchain technology also presents several challenges:

• **High Energy Consumption:** The process of mining, which validates transactions, consumes significant amounts of energy. Figure 5 A bar chart compares blockchain networks' energy consumption (such as Bitcoin and Ethereum) with traditional financial systems.



Figure 5 Blockchain Energy Consumption Chart

- **Integration Costs:** Implementing blockchain technology can be costly, particularly for small organizations.
- **Regulatory Uncertainty:** The lack of clear regulations governing blockchain technology poses a challenge for its widespread adoption.

# 4.3 Blockchain in Waqf Management

The application of blockchain in waqf management can revolutionize the way funds are collected, managed, and distributed. By leveraging blockchain technology, waqf institutions can enhance transparency, reduce administrative costs, and ensure that funds are used for their intended International Journal of Contemporary Computer Research (IJCCR), Vol 1, Issue 2 (December 2025)

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purposes. Figure 3 A flowchart illustrating the Waqf Blockchain Model. The diagram should depict the process of collecting cash waqf donations from donors, transferring.

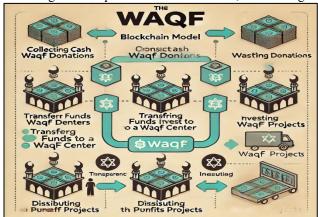


Figure 3 Waqf Blockchain Model Flowchart

For example, smart contracts can be used to automate the distribution of waqf funds, ensuring that they reach the beneficiaries in a timely and efficient manner.

# V. CONCLUSION AND FUTURE WIRKS

Blockchain technology holds significant potential for achieving the Maqasid of preserving wealth, particularly through its application in waqf management. By providing a decentralized, transparent, and secure platform, blockchain can address many of the challenges faced by traditional waqf systems. However, challenges such as high energy consumption and integration costs must be addressed to fully realize its potential.

Future research should focus on developing cost-effective and energy-efficient blockchain solutions tailored to the needs of Islamic finance. Additionally, policymakers should work towards creating a regulatory framework that supports the adoption of blockchain technology while ensuring compliance with Islamic principles.

# VI. REFERENCES

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