Challanges of Using Blockchain in Higher Education

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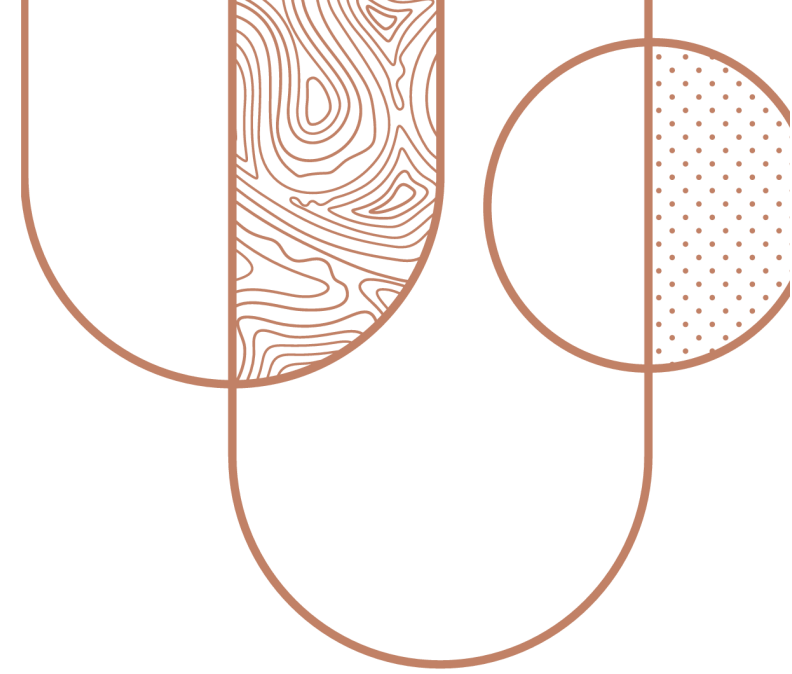**Muhammad Qayyim Hannan (1211111107)**

Introduction

- **Blockchain is a distributed, digital ledger that uses a series of "blocks" to hold data.**
- **Blockchain helps protect data from being altered.**
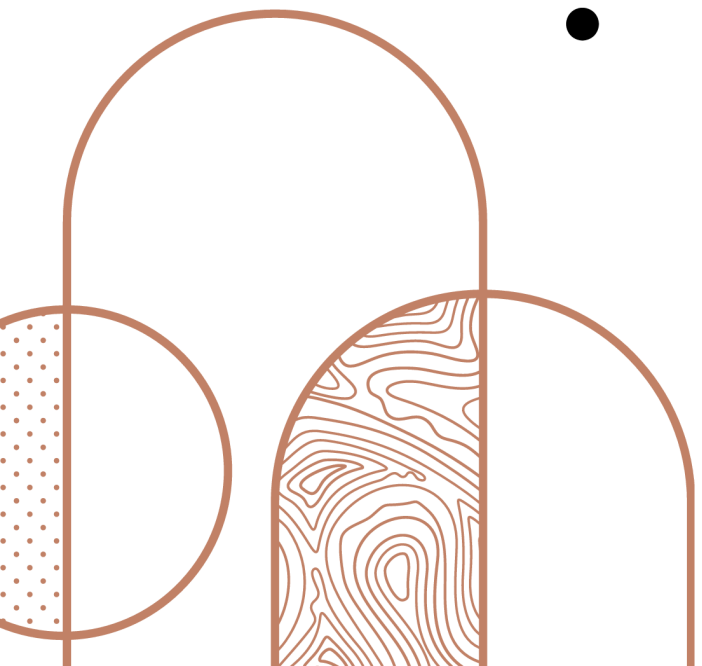- **Blockchain technology can revolutionize records being keep in education.**
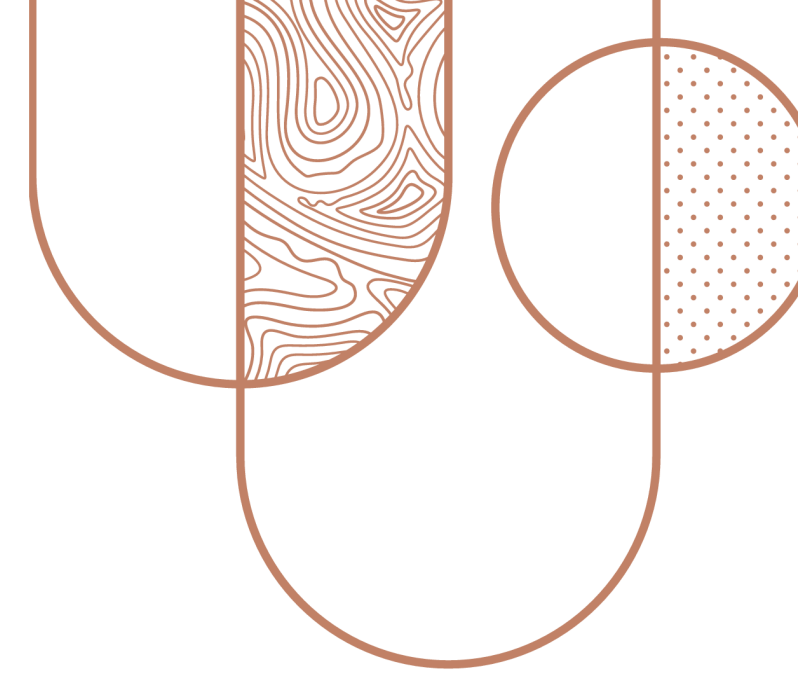
Objective of Research

- **How will blockchain technology be implement in education system**

- **Find out what are the trends in the challenges for blockchain system**

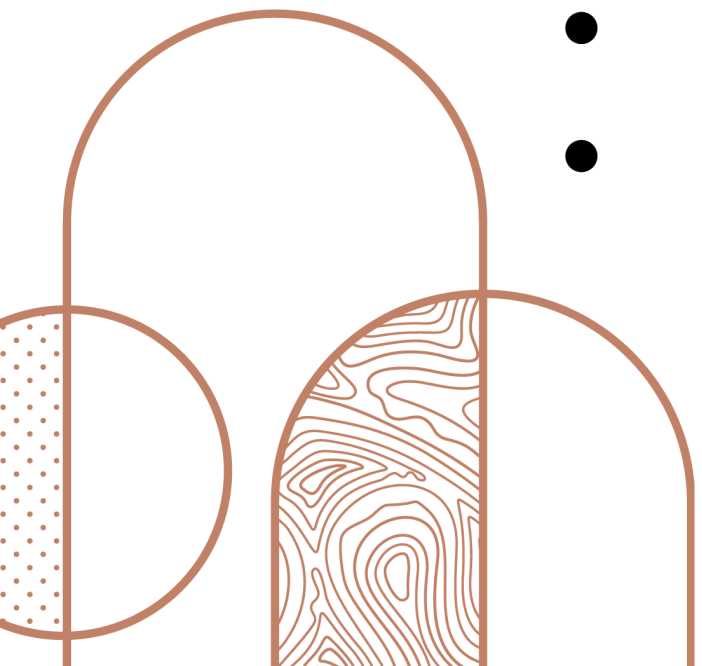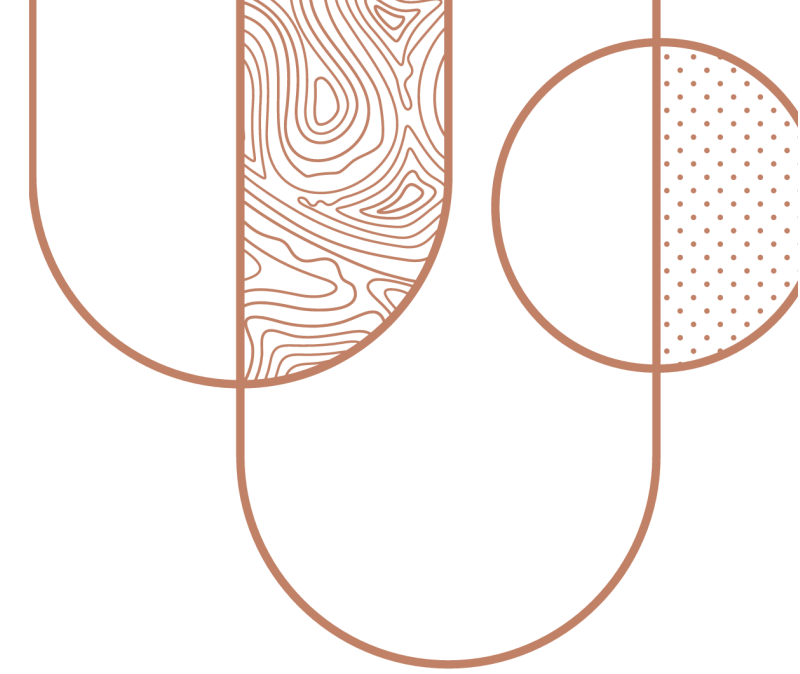- **What are researches thoughts on blockchain use in education**

Trend

The emerging trends in the research area is the inclusion of machine learning in the use of blockchain technology in education sector..
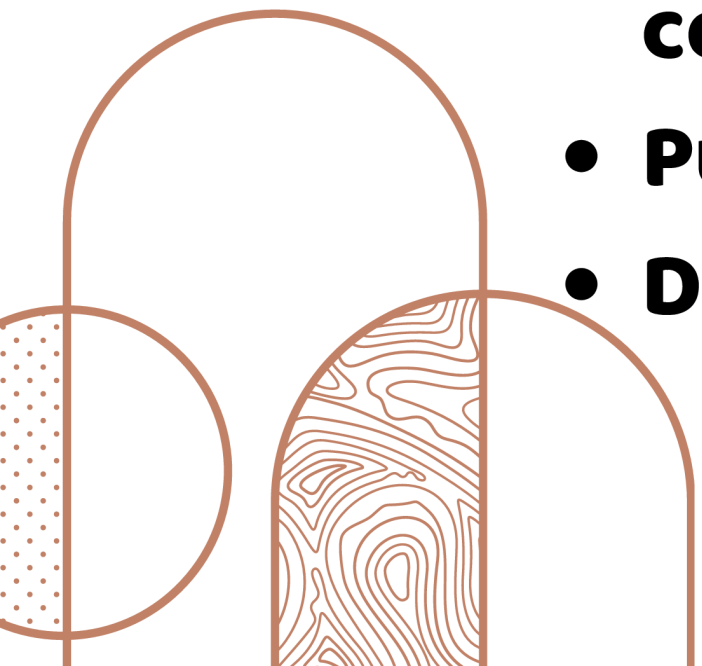
- Technological challenges: New and multiple concerns (i.e security, privacy and difficulties)
- Organisational challenges: Funds and inadequate skills
- Environmental challenges: Legality and market

Gap

- **Technology jargon is relatively new and lacks development**
- **Access of Blockchain network can be affected by the rising number of users**
- **Application of different shared algorithms may be considered constraints for Blockchain deployment**
- **Public keys used by Blockchain cannot ensure users' privacy**
- **Data stored on the Blockchain cannot be changed**

Future Research

- **Addressing Organizational and Environmental Barriers**
- **Exploring The scope of Technological research**
- **Holistic Ecosystem Development**
- **Pilot Projects and Case Studies**

Thank you