

Hedera

NEW BUSINESS OPPORTUNITY

CONTENTS

- Problem Definition
- Root Cause Analysis
- Brainstorming
- Implementation Plan

PROBLEM DEFINITION

Verifying academic credentials, degrees, and certifications is a crucial process for academic institutions, employers, and individuals.

However, traditional methods of verification are often time-consuming, prone to fraud, and lack transparency. There is a need for a secure, tamper-proof, and efficient system that ensures the authenticity of academic qualifications while simplifying the verification process.

ROOT CAUSE ANALYSIS

The root cause of the challenges in verifying academic credentials lies in the outdated and centralized nature of traditional verification methods. Paper-based systems and manual processes contribute to the time-consuming nature of credential verification, opening avenues for fraud and lacking transparency. The absence of a unified and tamper-proof system further compounds the issue. This underscores the need for a comprehensive solution to address these fundamental flaws. Implementing a secure, tamper-proof, and efficient system, such as one based on the Hedera blockchain, can disrupt the current paradigm, offering a decentralized, transparent, and technologically advanced approach to verifying academic qualifications, thereby mitigating the root causes of the problem.

BRAINSTORMING

we can solve this by using the concept of NFT's where, the credential certificates are issued by certified institutions to the rightful owner and the token will be embedded with all the information of the candidate and unique signatures imprinted by the institution .This can be achieved by integrating the web3 technologies into the institutions , institutions will act as node and issue the certificates

IMPLEMENTATION PLAN

Once the certified institutions start as a node ,they can issue the credential certificates when the students graduate from their respective institutions.when the credentials need to be reassured by the employer they can check the validity of the credentials by verifying the ledger of the institution or they can be verified through a DApp.it is a Scalable through adaptation of blockchain technology by the employer.

