

VERIFICATE: Leveraging Blockchain for Certificate Verification

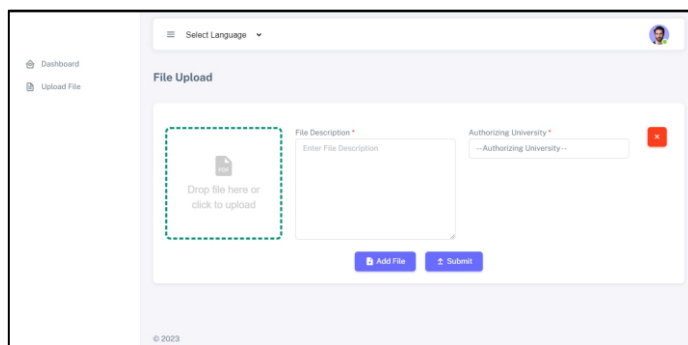
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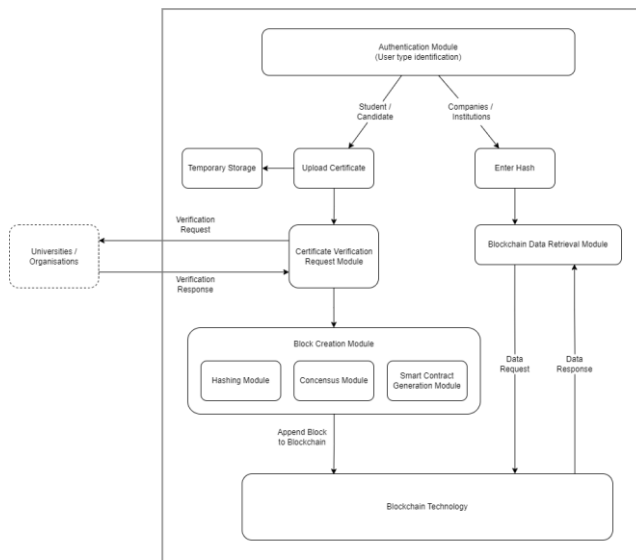
Introduction

- The circulation of counterfeit certificates in the market is a huge problem that has been prevalent for a long time.
- In India in 2020, fake certificate submissions constituted nearly 28% of educational discrepancies.
- Companies may suffer adversely if recruitment decisions are made based on such erroneous information.
- Many existing systems store all the students' certificates but do not verify their authenticity, reliability, and originality.
- The use of blockchain technology to address such issues can turn out to be a game changer.

User Interface



Methodology



Problem Statement

- To provide a single platform where students can get their certificates verified by authorities and store them on the blockchain.
- To provide verifiers with a single point of contact for all the certificate holders who wish to get their certificates verified.
- To aid the hiring manager by providing a platform to validate the authenticity of the certificates submitted by candidates.

Technologies Used



Future Scope

- Currently, users manually enter certificate details. In the future, AI using OCR and object recognition can automate the identification of fields like university and certificate names.
- To establish a common and robust process of verifying the certificates for all verifying bodies.

References

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