E-CERTIFICATES ISSUE SERVICES USING BLOCKCHAIN

AIM

Providing a safe and secure digital platform to digitalize the manual process of certificates and recommendation letters applying and collecting

INTRODUCTION

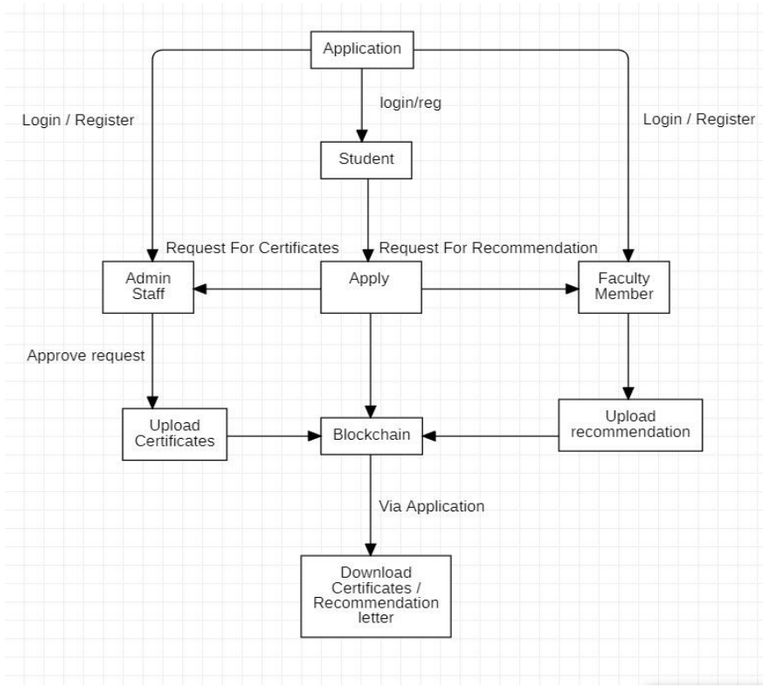
Students often have to go to their colleges in order to collect their certificates. There might be many of them who might be working or studying at different places and may not be able to come to college to collect the documents needed.

This project aims to reduce this difficulty by providing a website to students wherein they can request for the documents they need.

FEATURES

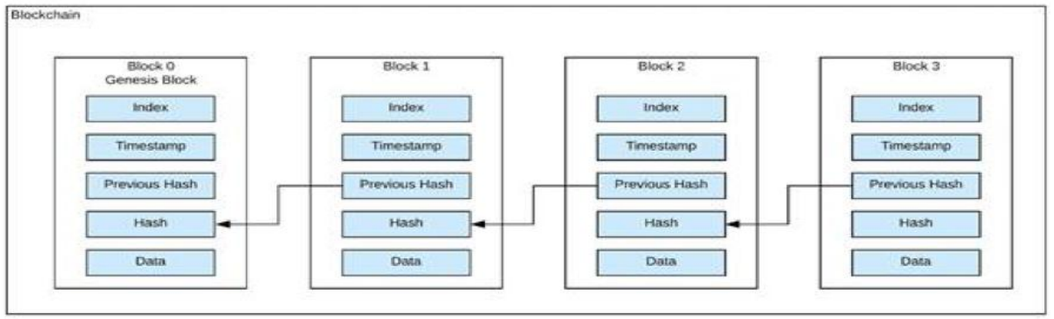
The student can request for academic certificates and recommendation letters for higher studies. These requests to get certificates is sent to examination branch and/or concerned authorities who will upload the scanned copies. These certificates will be stored in blockchain to make them tamper-free. The students can download these certificates. The students can apply for recommendation letters from particular faculty member. The faculty member will be able to view the request and upload the letter.

FLOW CHART



BLOCKCHAIN

A blockchain is a growing list of records, called blocks, which are linked together using cryptography. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data



CONCLUSION

This application helps digitalize the manual process of applying and collecting certificates. Encryption, decryption and blockchain make the application very secure. The application has a very user-friendly UI and is made keeping UI and UX into consideration.

REFERENCES

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Ms. MANDALA SUSMITHA : 17WH1A0591, Ms. AREPALLI SINDHURA : 17WH1A05A6, Ms. V KRISHNA GAYATRI : 18WH5A0521

Guide : Prof. R S MURALI NATH