

Crypto Verse: Unveiling the Future of Finance with Blockchain-Powered Applications

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Abstract: Blockchain technology and cryptocurrency have recently emerged as an unavoidable revolution in today's world. Today, everyone has heard about bitcoin, and more broadly, cryptocurrency. This capstone project aims at riding this new wave by taking advantage of the revolutionary possibilities offered by blockchain technology. The objective of this capstone project is to design and create a modern web 3.0 blockchain application that prioritizes user experience and decentralization. The application will be developed using cutting-edge blockchain technologies and the latest web development frameworks to ensure a seamless user interface and a scalable back-end architecture. The project will encompass various stages such as designing the application's user interface, building the back-end infrastructure, integrating blockchain technology, and thoroughly testing the system's functionality and security. The primary use case of the application will be to enable secure, transparent, and efficient transactions between users, guaranteeing their privacy and security through smart contract technology. This project will provide an in-depth understanding of modern web 3.0 and blockchain technologies and their potential to create decentralized and secure applications. Additionally, the project will investigate the role of blockchain technology in web 3.0 and how it enables data storage in multiple copies of the P2P network while maintaining data security and consensus among network participants. This project will use a range of technology enablers to achieve its goal. A non-exhaustive list

Keywords: Blockchain

REFERENCES/APPENDICES

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