





Crypto-currency, Transaction and NFT Creation

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The background of the slide is a dark, semi-transparent overlay on a dense collection of various cryptocurrency coins. These include Bitcoin, Dogecoin (with its Shiba Inu logo), and others with different symbols and colors like gold and silver.

Purpose

Our project aims on creating a new Crypto-currency,
A Crypto wallet web application, and our own NFTs (if possible,
tradeable with our own tokens).

We believe that this project will teach us about the fundamentals of
how blockchains and cryptocurrencies work and how these new
technologies are developed.

Main Features

Blockchain

Blockchain, which has a chain structure conforming to blocks, is a distributed database system that provides translated sale shadowing.

Blockchain technology offers data sequestration with the capability to securely store the information it contains. In order to change the data contained then, you need to get a blessing from other blocks. This activates the evidence medium as much as the number of blocks. therefore, the system ensures that the data is safe by precluding any good or vicious action that may come from the outdoors.

Crypto-currency

The purpose of cryptocurrencies is to serve as a medium of exchange for money in order to safeguard financial transactions, restrict the production of new ones, and confirm the transfer of assets. In an attempt to replace traditional currencies with a more secure alternative, cryptocurrencies were developed. It belongs to the family of virtual currencies as well.





Crypto Wallet

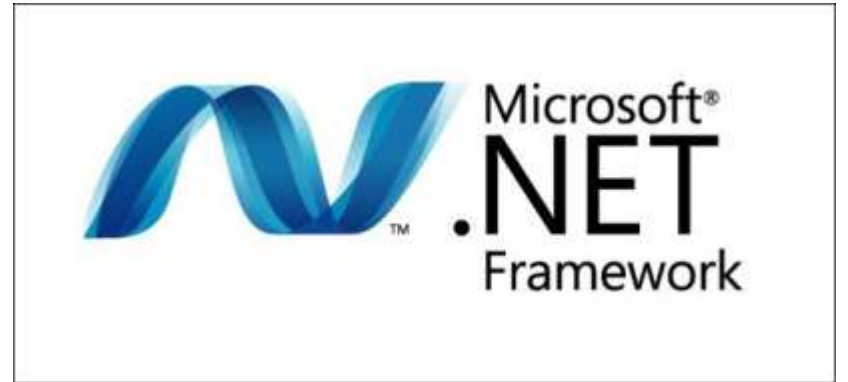
A cryptocurrency wallet is an account with software, hardware, and the owner's private key that may be used to purchase, sell, and (in most cases) sign transactions for the NFTs that were introduced to the world with the first cryptocurrency, Bitcoin. On a blockchain, private keys serve as account identifiers. Public and private keys are present in all crypto wallets.



NFT

NFTs, known as non-fungible tokens, are digital assets and a unit of data stored on the blockchain that are not interchangeable because they are unique. NFTs are digital artifacts such as photos, videos, and GIFs.

By creating NFT, you can produce your own works of art and can easily buy and sell well-known works in the virtual environment and earn passive income from it.



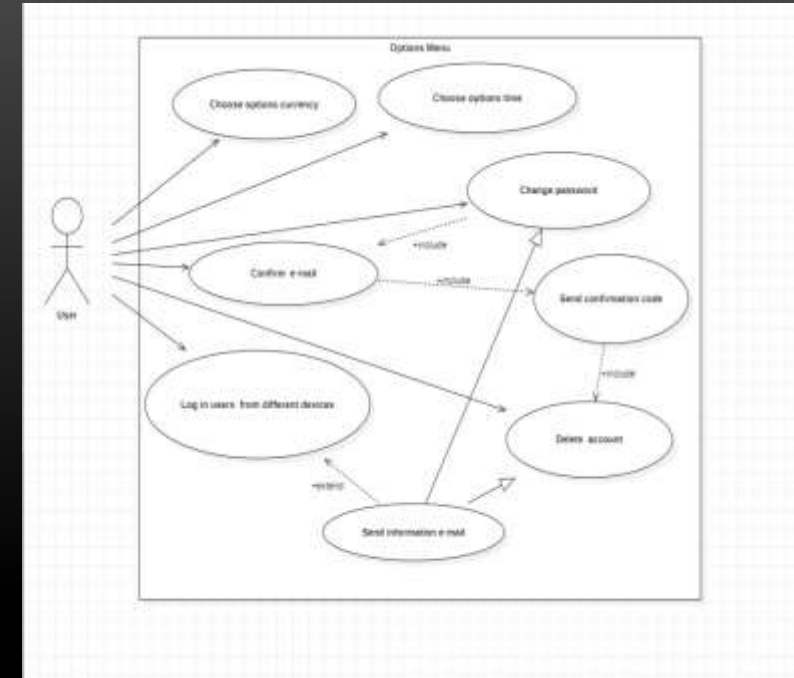
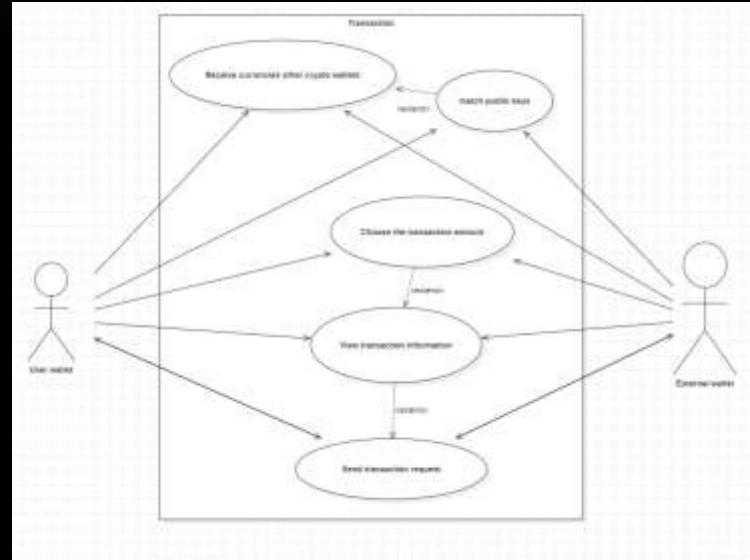
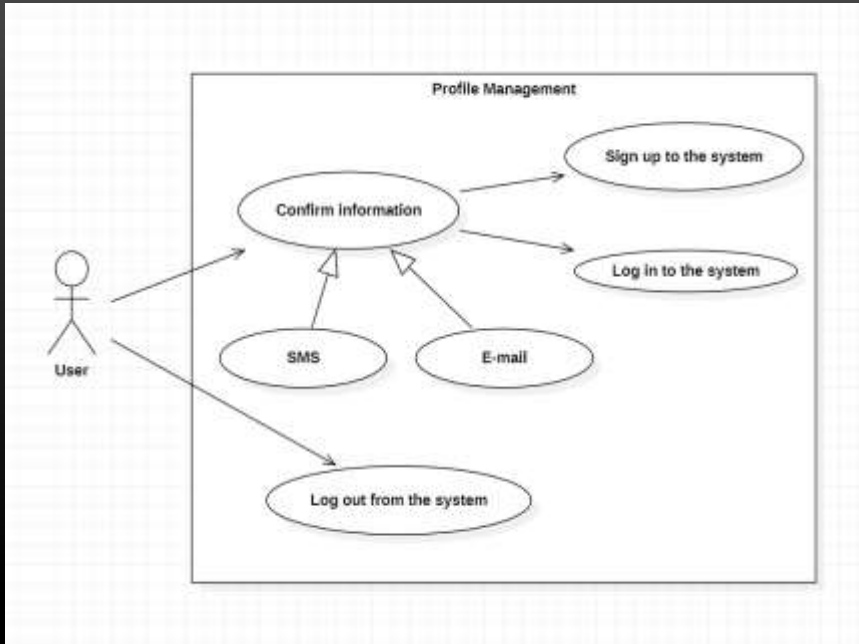
Current Technologies

In field of Crypto-currencies, many examples can be said, such as Bitcoin, Ethereum, Tether, FTX which filed for bankruptcy during 2022, and many more.

In field of Crypto Wallets, there are many different wallets, such as Metamask, Binance Wallet, Phantom Wallet, and many more. There are many different NFT albums available in any NFT marketplace. Artists selling their art to a random kid selling his/her super rare card collection as an NFT collection. There are many examples out there.



Use Cases





Conclusion

We aim to develop our technologies to understand how the current economic sensation, crypto currencies work with Blockchain, with Crypto wallets and with NFTs.

Though we develop our wallet as a web-only application, which acts as a simulation, with other languages such as Flutter-Dart, this web application can work on different platforms.

References

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