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Digital Exchange Management System
(DEMS)

Introduction:

Digital Exchange Management System define the future! A business interface of tomorrow, taking the business to a virtual World!

Meta verse is taking over the world like a wild fire, if you do not want to be caught in that fire, you have to keep up with the technology of tomorrow! Keeping that in view we bring in Digital Exchange Management System!

Digital currencies do not have physical attributes and are available only in digital form. Transactions involving digital currencies are made using computers or electronic wallets connected to the internet or designated networks.

Scope:

This system would make you invest in the businesses with a laptop or mobile. You can buy or sell your shares with just one click. The system would have an admin panel and a user panel.

The admin panel would have the businessmen who would show case their business in the form of a coin. A coin would represent a whole business!

The user panel would give the users the platform to trade in the business in the form buying and selling the shares in the coin (business).

Definitions, Acronyms, and Abbreviations:

DEMS-Digital Exchange Management System

Virtual world – An imaginary world, where you can be whatever you want, the world can be however you want.

MetaVerse – A virtual world

Reference:

https://www.binance.com/en

https://coinmarketcap.com/

https://www.coinbase.com/price/solana

Position:

Business Opportunities:

- Market service
  These are the services produces for sale in the market.
- Wallet service
  This will securely store user's payment information.
- Market trends
  These are the current trends that are being followed in the market.

Problem statement:

The problem of	As technology advances, the ancient businesses do not find a place to fit in so DEMS the best solution
Affects	New generation, as the upcoming generation would not be able to find the jobs because of the competition involved
The impact of which is	Unemployment of the upcoming generation
A successful solution would be	A platform that only requires you to invest in the market and just look for the market value of your shares.

Product position statement:

For	Educated pupil
Who	A platform that allows more than just a simple business.
DEMS	Is a software product
That	Easy to use, millions to make
Unlike	OctaFX
Our product	Reliable, secure, low fees

Stakeholders and User Descriptions:

1) Developers
Developers create and optimize the block chain protocols that serve networks and design the architecture of block chain systems. These professionals must be proficient in data structures and cryptography, as these elements are crucial to the functioning of a block chain. The protocol layer is mostly concerned with cryptographic keys that will interact with the networks, either public or private.

2) Miners
Miners help build consensus among untrusted nodes in a public block chain, like Bit coin. They add transactions, bundled into blocks, to the network by solving complex mathematical problems and require considerable computing power and electricity.

3) Traders
These stakeholders are entities that distrust fiat currency or are motivated to drive a financial profit, and will give others access to the block chain protocols. This is provided via tokens in the form of crypto currency.

4) Investors
An investor is an individual that puts money into an entity such as a business for a financial return.

Stakeholder Summary

Name	Description	Responsibility
Developer	A developer is **an individual that builds and create software and applications**. He or she writes, debugs and executes the source code of a software application. A developer is also known as a software developer, computer programmer, programmer, software coder or software engineer	A project developer is a professional who manages the operations of a project by conducting research and creating plans that best suit the needs of the project. These professionals usually work alongside the project manager to develop project activities, schedules and regular project progress reports
Miners	These Blockchain miners **install and run a special Blockchain mining software that enables their computers to communicate securely with one another**.	Miners are essentially getting paid for their work as auditors. They are doing the work of **verifying the legitimacy of Bitcoin transactions**.
Trader	Trader is **a person who attempts to profit from the purchase and sale of securities such as stock shares**. Stock traders can be professionals trading on	Traders are responsible for **making prices and executing trades in equities, bonds, commodities**

	behalf of a financial company or individuals trading on behalf of themselves. Stock traders participate in the financial markets in various ways.	**and foreign exchange**, usually dealing on behalf of, or for the benefit of, investment banks.

User Summary

Name	Description`	Responsibilities
Investor	An investor is **an individual that puts money into an entity such as a business for a financial return**	The main goal of any investor is to minimize risk and maximize return. It is in contrast with a speculator who is willing to invest in a risky asset with the hopes of getting a higher profit.

User Environment:

The number of people working in the project is not changing, each cycle takes up to 5 days at most.