

**PROJECT BASED LEARNING**

**Problem Statement**

* **Making a Crypto Exchange/Trading Website.**

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**And**

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**Introduction**

**What’s Cryptocurrency and how it works?..**

* **Cryptocurrency is a revolutionary digital currency that operates independently of any government or financial institution. It is designed to be a decentralized and secure form of currency, using advanced cryptography to keep transactions safe and transparent.**
* **The creation of cryptocurrency involves a complex process known as mining, which involves solving mathematical equations and verifying transactions on the blockchain network. The blockchain is a public ledger that records all transactions and ensures their validity, making it a highly secure and transparent system.**
* **Cryptocurrencies offer a range of benefits over traditional fiat currencies, such as low transaction fees, fast processing times, and a high level of privacy and security. They can be bought and sold on cryptocurrency exchanges, and can also be used to purchase goods and services online.**
* **However, the world of cryptocurrency is also highly volatile and constantly evolving. The value of cryptocurrencies can fluctuate widely in a short period of time, making it a risky investment. Additionally, regulation and adoption of cryptocurrencies vary widely across different countries and jurisdictions, adding to the complexity of this exciting and rapidly changing field.**
* **Cryptocurrency exchanges and trading platforms are digital marketplaces where users can buy, sell, and trade various cryptocurrencies. These platforms offer a convenient and efficient way to exchange digital assets, and are designed to be user-friendly for both novice and experienced traders.**
* **To use a cryptocurrency exchanger, users typically need to create an account and go through a verification process. Once verified, they can deposit funds into their account using a variety of payment methods. These funds can then be used to buy or sell cryptocurrencies at market-driven prices.**
* **Each exchange offers different features, such as trading pairs, order types, and charting tools, to help traders analyse and execute their trades. Some exchanges even offer margin trading and futures trading for advanced users.**
* **However, trading cryptocurrencies can be risky due to the high volatility of the market. Therefore, it's important for traders to conduct their own research and make informed decisions when investing. They should also take necessary security measures, such as using two-factor authentication and keeping their private keys secure, to protect their assets from potential hacks or theft.**

**Technology**

* **Languages :- In this project we have used HTML, CSS and JavaScript. These languages/frameworks are typically used for Web Development.**
* **Custom Background and Custom icons.**
* **API network for displaying Live Crypto Updates.**

**Flowchart**

Header

Footer

Index.html

Div Class Container

Div Class Footer Brand

Main Tag

Div Class Footer list

Section

Nav Class Navbar

List Class Navbar Items

List Class Footer list Title

CSS

**Reference**

* [**www.youtube.com**](http://www.youtube.com)
* **GeeksForGeeks**
* **Github.io**
* **CoinGecko API**