CRYPTO METRICS

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What is Cryptocurrency?

Definition

- ✓ **Digital / Virtual Currency**
- ✓ **Secured by Cryptography**
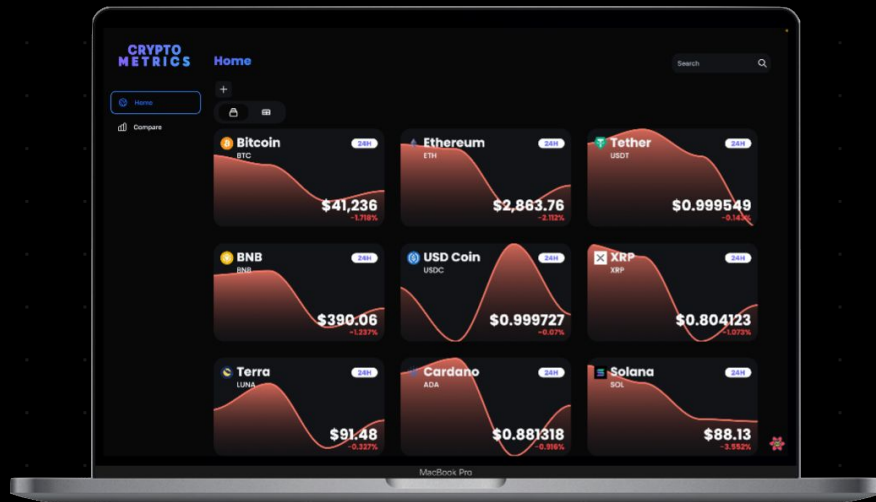- ✓ **Digital asset based on a network**
- ✓ **Decentralized**

Background, Purpose, & Scope

Background

- ✓ Cryptocurrency has changed the way we view the concept of "money"

- ✓ Growing interest worldwide

- ✓ Without the knowledge of projections, it could potentially lead to losses

Purpose

- ✓ Assist users make more educated investments

- ✓ Display historical and real-time cryptocurrency prices

Project Scope

MODULARITY

Ensure that the cryptocurrency dashboard is modular

MULTIPLE VIEWS

Cryptocurrencies can be viewed as tabular or as cards

FILTERING

Filtering and sorting cryptocurrency data

COMPARING CRYPTO

Comparing different cryptocurrencies' price data

Software Qualities

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MAINTAINABILITY

Modules separated into pages, components, etc. folders for easy access & modification.

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PORTABILITY

The website is hosted on a secure server, allowing it to be opened on any device using a browser.

PERFORMANCE

Web-app is incredibly responsive. Crucial features such as searching, filtering and loading data are quick.

APPEARANCE

Application is visually consistent, supporting the user's device theme of (dark/light mode) and mobile view.

USABILITY

Application has an easy to follow layout with intuitive filtering of price information, and view swapping.
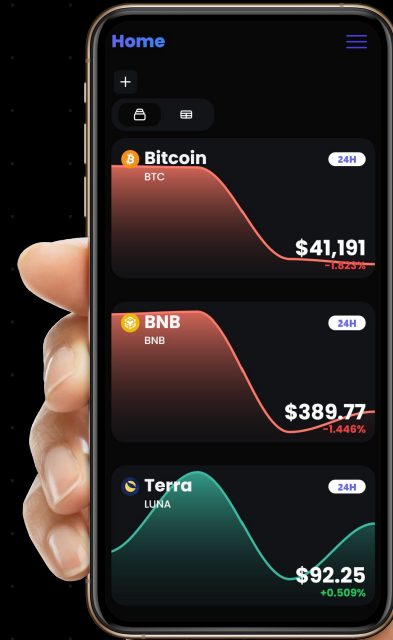
Project Demo!

Future Plans

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- [+] **AI Prediction of the Price**

- [+] **Adding Indicators to Charts**

- [+] **Ability to plot trendlines and interact with the chart**

- [+] **Adding a backend and our own API endpoints**

Conclusion

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- A cryptocurrency dashboard targeted for in-experienced traders

- Allows users to analyze cryptocurrency price metrics

- Provides methods to display different types of graphs

- Helps guide the user to make optimal trading decisions

Thank you for listening!

cryptometrics.vercel.app