Terrabase

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Brief Description

Terrabase is a web application that enables users to track cryptocurrencies while assessing their environmental sustainability. The platform ranks each token based on an Al-determined sustainability score, providing insights into the environmental impact of crypto assets.

Core Features

Main Page

Displays a ranked list of popular cryptocurrencies based on their sustainability score.

Crypto Sustainability News

 Aggregates news from various sources regarding the environmental impact of cryptocurrencies.

Crypto Screener & Filtering

 Users can search for cryptocurrencies using filters such as current price, sustainability score range, and financial metrics.

Crypto Detail Pages

 Provides general information, financial metrics, historical data, and performance trends for each cryptocurrency.

Crypto Sustainability Insights

- Explains how the **sustainability score** is determined for each cryptocurrency.
- Displays related environmental impact news for each coin.

Personalized Watchlist & Score

- Registered users can save their favorite cryptocurrencies.
- The sustainability score of the watchlist is averaged to provide a portfolio sustainability score.

Real-Time Search Suggestions

• As users type, the system dynamically suggests relevant cryptocurrencies.

Administrator Controls

 Allows administrators to update the database, add new cryptocurrencies, or manually adjust financial information if needed.

Extra Features

Crypto Paper Trading

Users can simulate trades with virtual money in a real-time crypto market simulator.

Carbon-Offset Calculation

The app includes a calculated dollar amount required to offset Al-driven carbon emissions.

Public Profiles

Users can view others' watchlists to see which cryptocurrencies they are tracking.

GitHub Repository:

Terrabase GitHub Repo