CryptoGlance

Functionality Overview

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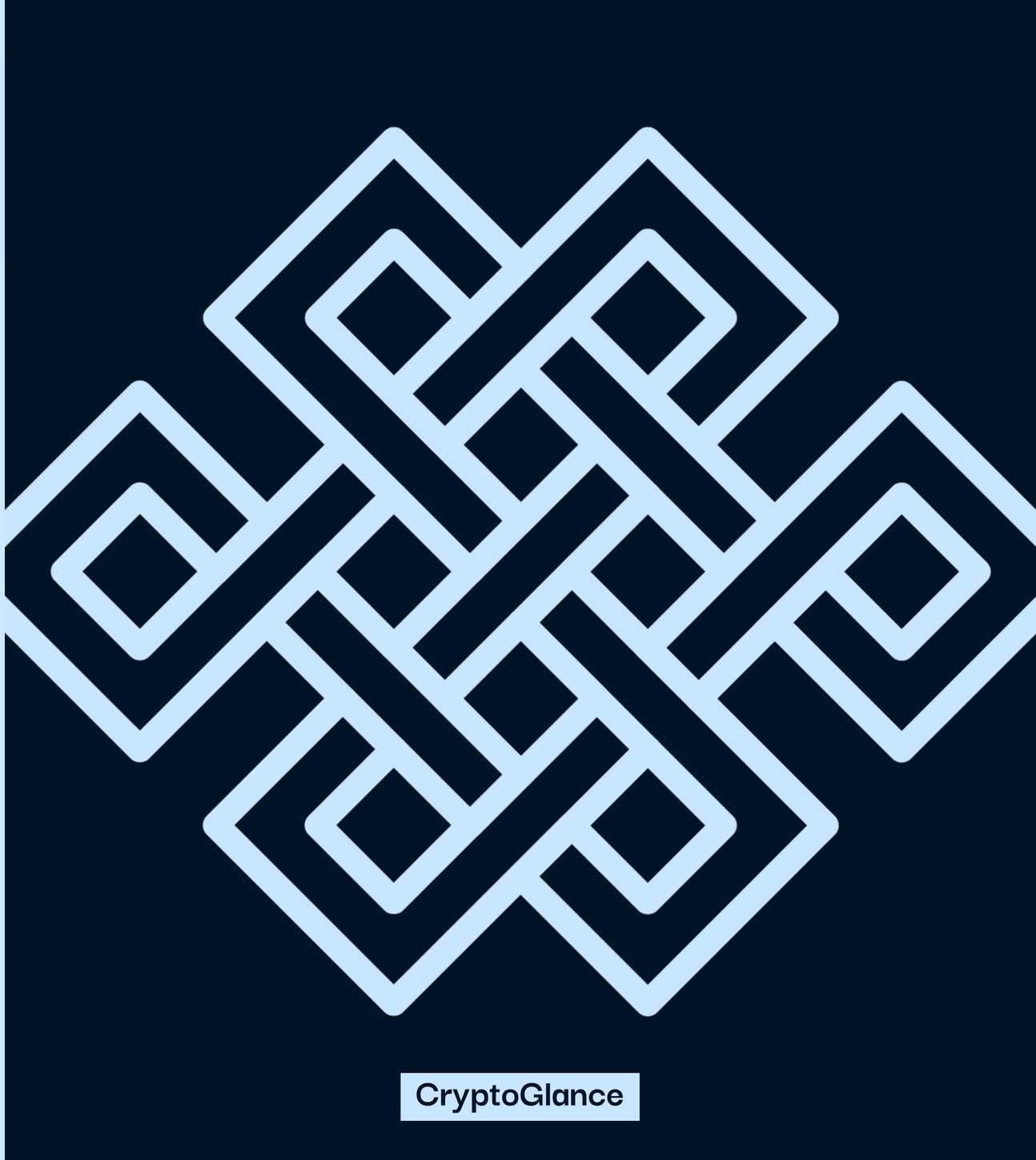

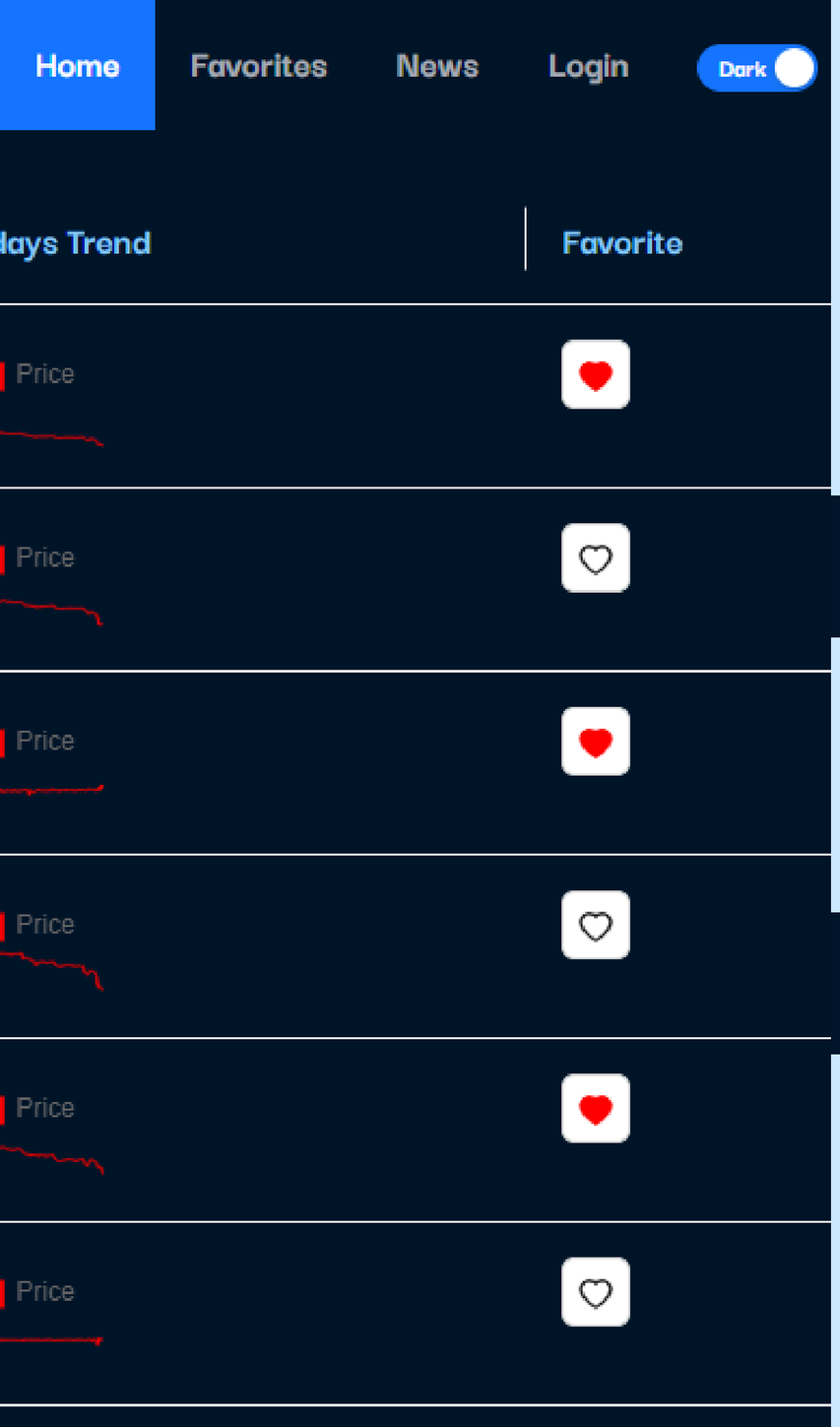

BRIEF OVERVIEW OF CRYPTOGLANCE KEY FEATURES

Home Page

Favorites Page

News Page

Login Page

Light Mode | Dark Mode

Home Page

Data Display and UI

The homepage features a responsive design built with React, presenting a clean and interactive user interface that displays essential information such as cryptocurrency names, prices, and market capitalizations.

Real-Time Data Updates

Leveraging the CoinGecko API, the page continuously updates in real-time, ensuring that users have access to the most current market data. This is achieved using React hooks like useEffect and useState.

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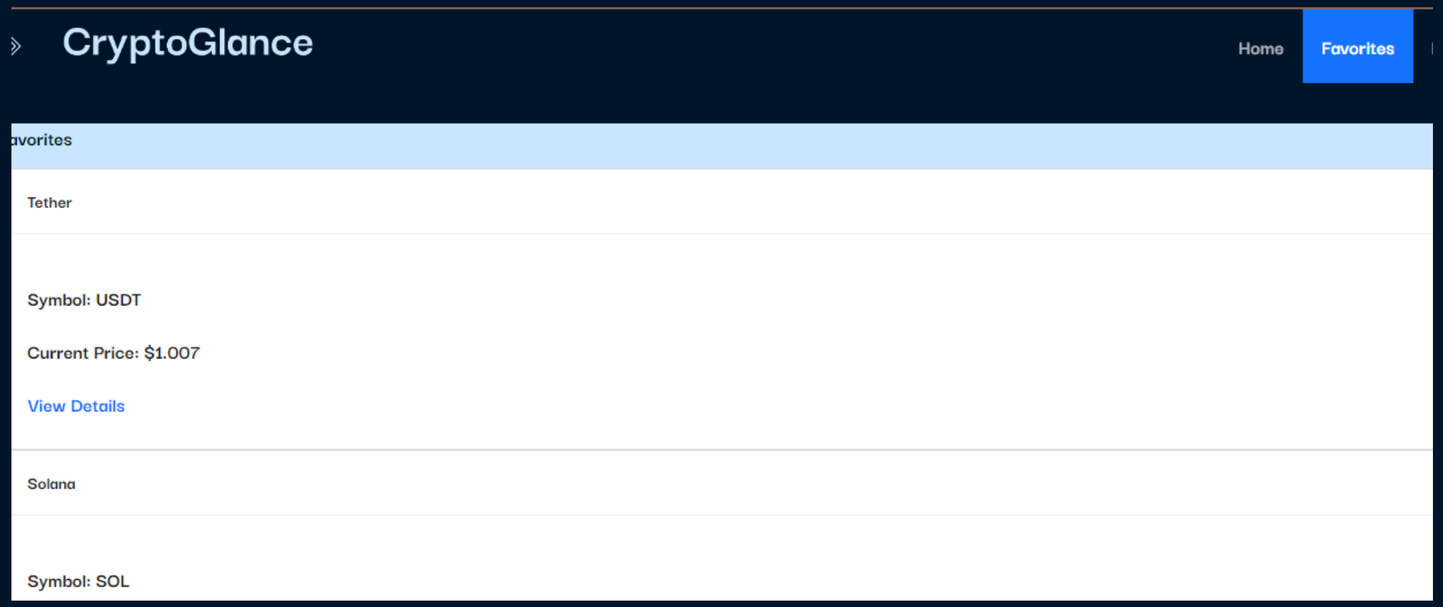
Favorites Page



Adding Favorites

Users can easily add cryptocurrencies to their favorites, directly from the homepage, enhancing personalized tracking and monitoring of preferred coins.

Detailed Charts

The Favorites section also provides more detailed charts and data for each selected cryptocurrency, allowing users to analyze trends and make informed decisions.

Enhanced User Experience

By integrating Context API for state management and Ant Design components for visual consistency, the Favorites section ensures a seamless and engaging user experience.

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News Page

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Latest News

3 Subconscious Signs Someone Is Attracted To You—By A Psychologist

Here's how to tell if someone is truly attracted to you and trying to connect with you—whether th

Read more

A Herpetologist Spotlights The 4 'Coolest' Extinct Reptiles (Hint: None Are Dinosaurs)

Extinct species are every bit as interesting as those that are found in the wild today–perhaps mo

day.

Latest News

The News section aggregates the latest updates and articles about various cryptocurrencies, providing users with relevant and timely information.

Source Integration

Utilizing the NewsData.io API, the section ensures that users receive accurate and up-to-date news coverage.

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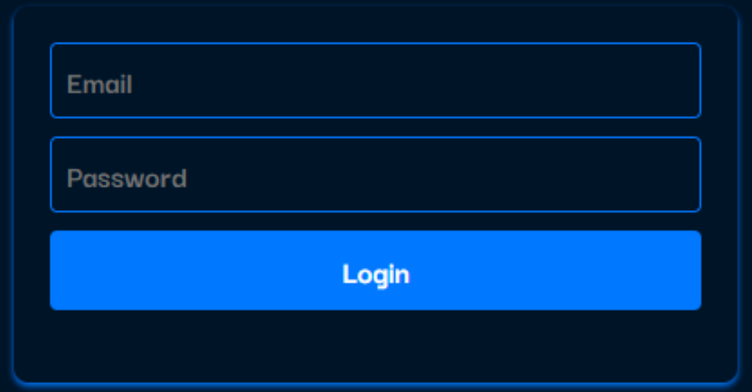
Login Page



User Authentication

The Login section provides a secure authentication process, allowing users to access personalized features and manage their accounts.

Protected Data

Implementing robust security measures, the login functionality ensures that user data is protected, maintaining confidentiality and trust.

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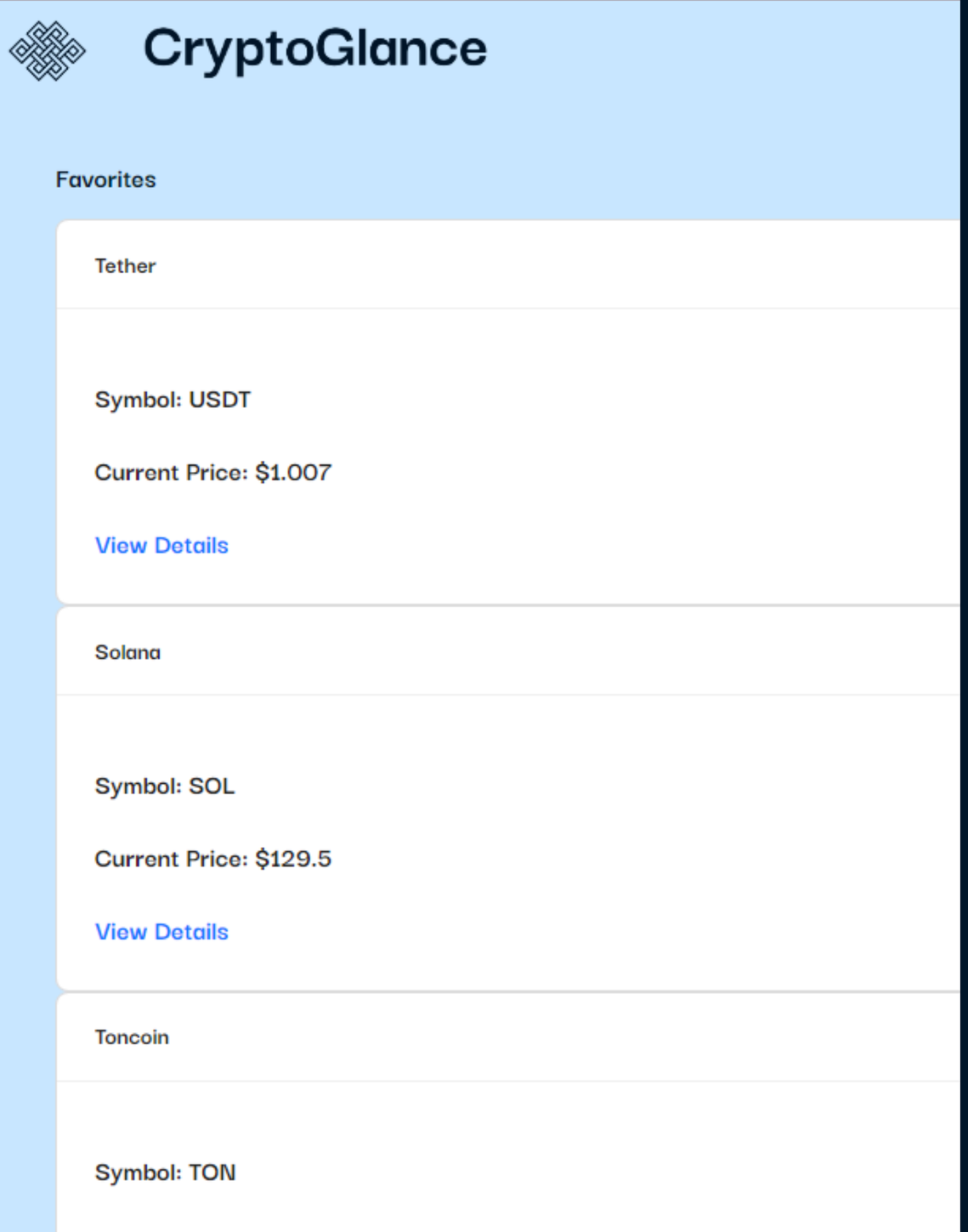

Light Mode Dark Mode

Dark & Light Mode

The application supports both dark and light themes, enhancing usability based on user preference and lighting conditions.

User-Friendly Toggle

A switch component allows users to seamlessly toggle between dark and light modes with a simple click.

Consistent Styling

The theme toggle ensures a consistent look and feel across the application, adapting the color scheme of all components and pages.

CryptoGlance

Key Takeaways and Future Directions

CryptoGlance is a comprehensive web application designed for cryptocurrency enthusiasts and investors. It offers an intuitive and user-friendly interface to monitor real-time market data for up to 50 cryptocurrencies, with essential information such as names, prices, and market capitalizations continuously updated through the CoinGecko API. The application features a favorites section, allowing users to add preferred coins directly from the homepage and view detailed charts and statistics on the favorites page. Additionally, CryptoGlance aggregates the latest cryptocurrency-related news articles using the NewsData.io API, displaying the most recent 10 articles at a time due to API plan limitations and restricted API call allowances. With a responsive design and a dark mode option, the app seamlessly integrates these features to provide a powerful tool for both casual users and serious investors to track and analyze the dynamic world of cryptocurrencies. Regular updates will be made to continuously enhance the user experience, ensuring that CryptoGlance remains a valuable resource for staying informed in the ever-evolving cryptocurrency market.