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Application Name : CurrenSee



Main Goal of Your App

A Crypto Currency app that:

- Create crypto currency wallet to send and receive crypto currencies.
- List Crypto Currencies with their rate.
- Get historical data for any cuurrency and display it in charts.
- Convert any Crypto Currency to many real world currencies.
- Crypto news from many different sources.

pub.dev Packages used

- fl_chart: Display any kind and style it easily.
- dropdown_button2: A searchable dropdown list.
- shared_preferences: Store state even when the app in closed.
- provider: Share state easily among files.
- url_launcher: Launch a link throw an external browser.
- http: Make HTTP request to the API used in the app.
- intl: Format date.

Architecture / WorkFlow Overview

The app has 3 main pages:

- Starred page.
- Currencies page.
- Converter page.

Each one-off these pages have sub-pages.

The folders are divided into the following:

- Pages.
- Widgets.
- Providers.
- Models.
- Constants.
- Extensions.

The workflow:

- Start with designing the app UI.
- Implement the app widgets and pages.
- Links all pages.
- Implement API instead of dummy data.
- Test app.

Description

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- It uses the CoinAPI.io to get rates.
- It uses Infura for transactions and to get wallet balance.
- it uses newsapi.ai to get the news.

You can watch a demo from a real android device throw this link:

https://youtu.be/Yr-4LaeC4Pg?si=RE9cwRqNMNA2T_gY