

Level 1

You are creating a page which will be used to evaluate how often the selected cryptocurrency exceeded a user defined threshold in the past 24 hours. Please use a granularity of 5 minutes. Use bitcoin as the reference point.

<https://poloniex.com> offers a public api you can use to get data. You will use the "returnChartData" api.

Design considerations:

Please use react and redux to build the app. You should deliver the finished app in a code repository with instructions for how we can run the application.

You only need to give the user the option to select from 5 cryptocurrencies: lsk, eth, xmr, strat, bch.

When searching, the table should be filtered to only show items above the threshold.

The font for the page should be Lato (google fonts)

Use the screenshot below to style the table and base the rest of the styling on the same idea.

Please consider what you will do if there's an error or incorrect user input.

Level 2

Please consider the user experience and come up with 1 or 2 alternate designs that you think will improve it. Deliverable in the form of wireframes, prototype or other medium of your choice.

Level 3 - Bonus

Please add user authentication (OAuth) to the application. Feel free to use google / auth0 / etc.

The user should not be able to access the Threshold evaluator without logging in. Also ensure that the user can logout.

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Pooniex

http://lucidchart.com

Welcome, user | Logout

Cryptocurrency Threshold Evaluator (past 24hrs)

Enter Threshold

Lisk (LSK) ▼

Etherium (ETH)

Monero (XMR)

Stratis (STRAT)

Bitcoin Cash (BCH)

Enter Threshold

🔍

BTC00,00

time (5m interval)	high	low	volume
24/08/2017 9:00	0.022	0.020	9.99

Product ID	Product Name	Product Price	Date
38692	Product 56308	103181	Thu Aug 24 2017 13:35:46 GMT+0200 (...)
687608	Product 749019	172023	Thu Aug 24 2017 13:35:46 GMT+0200 (...)